AMITY UNIVERSITY MADHYA PRADESH, GWALIOR AMITY SCHOOL OF ARCHITECTURE AND PLANNING DEPARTMENT OF ARCHITECTURE AND PLANNING

PROGRAMME OUTCOMES AND PROGRAMME SPECIFIC OUTCOMES Bachelor of Interior Design (BID), Academic Year – 2017-2018

Program Outcomes:

- **PO1. Design Knowledge:** Incorporate a global perspective when making design decisions, based on sustainable, socio-economic, and cultural contexts.
- PO2. Problem Analysis: Apply theories of human behaviour to human-centered design solutions.
- **PO3.** Design/Development of Solutions: Apply the design process to generate creative solutions to complex problems optimizing the human experience within the interior environment. Apply theory, psychology, and methodology of color to designs of the interior environment.
- **PO4. Individual and Team Work:** Collaborate in multi-disciplinary teams respecting a variety of points of view and perspectives that enrich the process and product of the team.
- **PO5. Communication:** Communicate complex ideas clearly to specialists and non-specialists through appropriate oral, written, and representational media.
- **PO6. Life Long Learning:** Exemplify accepted standards of professionalism and business practice including a commitment to engage in lifelong learning.
- **PO7. Context and Society:** Analyze interiors, architecture, the decorative arts, and art within a historical and cultural context to inform contemporary design solutions that relate with the society for whom the design solution is to be provided.
- **PO8. Synthesis of Concepts:** Synthesize theories and concepts of spatial definition and organization into multi-dimensional design solutions.
- **PO9. Modern Technique usage:** Specify furniture, fixtures, and equipment's of finish materials to meet the design criteria for a variety of interior spaces.
- **PO10.** Environment and Sustainability: Apply principles of lighting, acoustics, thermal comfort, and indoor air quality as required to enhance the health, safety, welfare, and performance of building occupants for overall sustainable development of the individuals.
- PO11. Ethics: Comply with laws, codes, and standards that impact fire safety and life safety.

PO12. Project/Construction Management: Produce construction drawings and documents using industry standards for a variety of interior spaces. Employ environment-behaviour research methodologies to address open-ended problems in interior design.

Program Specific Outcome:

As part of the school's charter and mission, Amity School of Architecture and Planning is providing a vibrant planning environment, ensuring its under-graduates are not only valued by the planning practice, but are also able to:

PSO1. Demonstrate critical thinking as they identify, analyze, and solve interior architecture and design problems through completion of interior design studio projects. Apply creative and critical thinking to solve interior environment problems from a human-cantered approach and apply this knowledge to design solutions.

PSO2. Demonstrate preparation for global design practice by incorporating cultural norms of user populations and applying that knowledge to design solutions that support globally diverse end users.

PSO3. Demonstrate effective visual, verbal, and written communication.

PSO4. Apply ethical and professional practices.

PSO5. Demonstrate social responsibility by designing sustainable interior environments that support indoor environmental quality and improve the quality of life for occupants.

PSO6. Engage in integrative professional design practice by contributing interior architecture and design expertise to collaborative design teams.

Note: - Correlation levels 1, 2 and 3 as defined below:

1: Slight (Low), 2: Moderate (Medium) and 3: Substantial (High)

If there is no correlation, put "-"

	PROGRAMME ARTICULATION MATRIX										CULA	TIOI	N MA	ATRIX	(
SEM	SUBJECT CODE	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12	PO 13	PO 14	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5	PSO 6
	BID101	3	3	3	3	2	1	2	3	3	1	1	3	3	1	3	3	-	-	2	-
	BID102	2	2	3	2	2	1	-		1	2	2	2	-	1	1	3	-	-	-	-
	BID103	2	2	1	-	3	1	2	3	3	2	1	1	2	2	3	3	1	-	-	-
- 1	BID104	1	1	1	2	-	-	-	2	-	-	-	2	-	-	1	1	-	-	-	-
	BID105	3	2	3	2	1	1	2	3	1	2	-	3	-	1	3	3	-	-	2	-
	BID106	-	1	-	-	-	-	3	2	-	-	-	-	-	1	1	1	-	-	-	-
	BID107	3	2	3	3	1	1	3	-	3	3	-	3	2	3	3	3	3	-	-	-
	BID201	3	2	3	3	2	2	2	3	3	1	1	3	3	1	3	3	-	-	2	-
	BID202	3	-	3	2	2	2	-	1	1	1	3	3	2	1	1	2	-	-	-	-
	BID203	2	2	1	1	3	2	2	3	3	2	1	2	2	1	3	3	1	-	2	-
П	BID204	1	3	1	-	-	-	-	1	1	-	-	2	-	1	1	1	-	-	-	-
	BID205	1	-	3	3	1	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-
	BID206	1	1	-	-	-	-	3	3	3	-	-	-	-	-	1	3	-	-	-	-
	BID207	3	-	1	3	1	1	-	1	3	3	3	3	3	3	3	3	3	-	-	-
	BID301	3	3	3	3	2	2	2	3	3	1	1	2	3	1	3	3	-	-	2	-
	BID302	2	-	3	2	2	2	-	1	1	1	2	2	2	1	1	1	-	-	-	-
	BID303	2	2	2	2	-	3	2	-	1	-	-	-	2	-	1	1	-	-	-	-
Ш	BID304	3	3	-	-	3	-	-	3	3	-	-	-	-	-	1	1	-	-	-	-
	BID305	1	-	3	3	1	2	-	-	-	-	-	-	-	-	1	-	-	-	-	-
	BID306	1	1	-	-	2	-	3	3	3	-	-	-	-	-	-	-	-	-	-	-
	BID307	1	3	1	-	3	-	-	3	3	-	-	-	-	3	-	-	-	-	2	-
	BID401	3	3	3	3	2	2	2	3	3	2	1	2	3	1	3	3	-	-	2	-
	BID402	2	1	3	2	2	2	-	1	-	2	1	2	3	1	1	1	-	-	2	-
	BID403	2	2	2	3	1	2	1	1	-	-	-	-	2	-	3	1	-	-	2	-
IV	BID404	3	-	2	3	1	2	1	1	-	1	2	2	2	-	1	1	-	-	2	-
	BID405	3	1	1	1	1	1	-	3	3	3	2	2	1	1	3	3	-	-	-	-
	BID406	3	3	3	3	3	2	3	2	3	3	2	3	-	-	1	3	-	-	2	-
	BID407	3	2	3	3	2	2	2	2	3	3	-	-	-	1	1	3	-	-	-	-
	BID501	3	3	3	3	2	2	2	3	3	3	1	2	3	1	3	1	-	-	2	-
	BID502	2	1	3	2	2	2	1	1	-	1	1	2	3	1	1	1	-	-	-	-
V	BID503	2	1	2	3	-	3	1	1	-	-	3	-	2	3	3	1	-	-	2	-
V	BID504	2	1	1	3	-	3	-	-	-	-	3	-	2	3	3	1	-	-	2	-
	BID505	1	1	-	-	1	-	3	3	3	-	-	1	-	3	1	1	3	-	-	-
	BID506	3	3	3	3	2	2	3	3	2	3	3	3	3	1	3	3	-	-	2	-
	BID601	3	3	3	3	2	2	2	3	3	3	3	1	3	1	3	3	-	-	2	-
	BID602	1	-	3	3	2	2	2	3	3	-	2	1	-	-	3	3	3	-	-	-
	BID603	3	3	2	2	1	1	1	3	3	1	2	2	2	3	3	3	-	-	-	-
VI	BID604	3	2	3	3	2	2	2	3	3	3	2	3	3	-	3	3	-	-	2	-
	BID605	2	-	1	3	-	-	-	-	-	-	-	-	-	3	3	-	-	-	-	-
	BID606	3	2	3	3	1	2	2	3	3	-	3	-	-	-	3	2	-	-	-	-
	BID607	2	3	3	3	1	2	2	3	3	1	-	-	-	3	3	2	-	-	-	-
VII	BID701	3	3	3	3	2	3	ı	3	2	1	-	3	3	3	3	ı	-	-	2	-
VIII	BID 801	3	3	3	3	2	2	2	3	3	1	3	2	3	3	3	3	-	-	2	-

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BID 804	3	1	2	2	2	1	-	2	2	1	-	2	-	-	-	1	-	-	-	-
BID 805	1	3	1	1	2	1	2	1	2	1	1	-	2	1	2	-	-	-	-	-

DEPARTMENT OF ARCHITECTURE & PLANNING

Course Handout

Course: Interior Design Studio – (Thesis project)

Course Code: BID 801, Crédits: 15, Session: 2017-2018 (Odd Sem.), Class: BID 4th Year

Faculty Name: Ar. Manish Kumar Chitranshi

Introduction: The thesis project provides the student with practical knowledge and hands on skills. Participants are encouraged to engage in active interaction through classroom participation.

A. Course Outcomes: At the end of the course, students will be able to:

CO1: Student will be able to find an independent approach to develop an exercise and professional ability to handle professional.

CO2: A thesis project topic will be chosen by the student and approved by the school so that a variety of professional projects are undertaken in each thesis semester every year.

CO3: The course gives an opportunity to develop a student an independent approach to develop an exercise and professional ability to handle professional projects with complete analysis of based data/ information so as to achieve aesthetically planned interior environment for functional efficiency.

B. Programme Outcomes:

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Assessment Plan:

Component of	Description	Code	Weightage		
Evaluation			%		
Continuous Internal	Mid Term	СТ	10%		
Evaluation	Seminar/Quiz/ Assignment	S/Q/A	15%		

Attendance	A minimum of 75% Attendance is	Α	5%
	required to be maintained by a studentto		
	be qualified for taking up the End Semester		
	examination. The allowance of 25%		
	includes all types of leaves		
	including medical leaves.		
End Semester	End Semester	VV	70%
Examination	(Viva-Voce)		
Total			100%

D. Syllabus

Module I: Introduction

Introduction to the thesis and approval of Topic and subject.

Module II: Drawings

Thesis would include working operational plans, working drawings and design model.

Module III: Building Materials

Understanding of modern building materials suitable for application to the nature of the project. The project will be evaluated through a continuous Examination basis in a series of seminars as announced from time to time.

Examination Scheme:

Components	Attendance	Mid-Term	Assignment	VV
Weightage (%)	5	10	15	70

CT: Class Test, A: Assignment, S/V/Q: Seminar/Viva/Quiz, EE: End Semester Examination; A: Attendance

E. Suggested Text/Reference Books:

- A Visual Dictionary of Architecture, Francis D.K. Ching [2] Creative Interiors (Design of Enclosed Space), Shashi Jain [3] Commercial Interior Perspectives, Graphic Sha (Editor) [4] Design with Wood, Carol Soucek King
- Drywall (Pro Tips for Hanging & Finishing), John D. Wagner
- Graphic Interiors (Space Designed by Graphic Artists), Corina Dean [7] Interior design illustrated, Francis D.K. Ching
- Graphic Interiors (Space Designed by Graphic Artists), Corina Dean
- Home Plumbing (The David & Charles Manual of), Ernest Hall
- House Book (The Complete Guide to Home Design), Terence Conran [12] Illustration + Perspectives (In Pantone Colors), Eiji Mitooka
- Elements of Architecture, Meiss Pieree Von
- Architecture: Form, Space and Order, Francis D.K. Ching

References:

☐ A Visual Dictionary of Architecture, Francis D.K. Ching
☐ Creative Interiors (Design of Enclosed Space), Shashi Jain
☐ Commercial Interior Perspectives, Graphic – Sha (Editor)
☐ Design with Wood, Carol Soucek King
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$\hfill\square$ House Book (The Complete Guide to Home Design), Terence Conran
☐ Illustration + Perspectives (In Pantone Colors), Eiji Mitooka
☐ Elements of Architecture, Meiss Pieree Von
☐ Architecture: Form, Space and Order, Francis D.K. Ching
☐ Architecture: Form, Space and Order, Francis D.K. Ching ☐ A.J. Metric Handbook, editors, Jan Bilwa and Leslie Fair weather
☐ A.J. Metric Handbook, editors, Jan Bilwa and Leslie Fair weather
☐ A.J. Metric Handbook, editors, Jan Bilwa and Leslie Fair weather ☐ Architectural Graphic standards editor — Boaz Joseph
 □ A.J. Metric Handbook, editors, Jan Bilwa and Leslie Fair weather □ Architectural Graphic standards editor – Boaz Joseph □ The Curtain Book, Mitchll Beazlty
 □ A.J. Metric Handbook, editors, Jan Bilwa and Leslie Fair weather □ Architectural Graphic standards editor – Boaz Joseph □ The Curtain Book, MitchIl Beazlty □ Interior Design Visual, Maureen Mitton 2nd Edition
 □ A.J. Metric Handbook, editors, Jan Bilwa and Leslie Fair weather □ Architectural Graphic standards editor – Boaz Joseph □ The Curtain Book, MitchII Beazlty □ Interior Design Visual, Maureen Mitton 2nd Edition □ 100 Bright Ideas For color, Sue Rose
 □ A.J. Metric Handbook, editors, Jan Bilwa and Leslie Fair weather □ Architectural Graphic standards editor − Boaz Joseph □ The Curtain Book, MitchII Beazlty □ Interior Design Visual, Maureen Mitton 2nd Edition □ 100 Bright Ideas For color, Sue Rose □ Window Fashion, Charles T. Randall

F. Lecture Plan

Lecture	Topics	Mode of Delivery	Correspon ding CO	Mode of Assessing CO
1.	Introduction to the thesis and approval of Topic and subject	Lecture	CO1	Mid Term- 1, Quiz & End Sem

				Exam
2.	Introduction to the thesis	Lecture	CO1	Mid Term-
	and approval of Topic and			1, Quiz &
	subject			End Sem
				Exam
3.	Introduction to the thesis	Lecture	CO1	Mid Term-
3.	and approval of Topic and	Lectare	001	1, Quiz &
	subject			End Sem
	Subject			Exam
4.	Introduction to the thesis and	Lecture	CO1	Mid Term-
7.	approval of Topic and subject	Lecture	601	1, Quiz &
	approvar or ropic and subject			End Sem
				Exam
5.	Introduction to the thesis	Lecture	CO1	Mid Term-
J.	and approval of Topic and	Lecture	601	1, Quiz &
				End Sem
	subject			Exam
6.	Introduction to the thesis	Locturo	CO1	Mid Term-
О.		Lecture	(01	
	and approval of Topic and			1, Quiz &
	subject			End Sem
			604	Exam
7.	Introduction to the thesis	Lecture	CO1	Mid Term-
	and approval of Topic and			1, Quiz &
	subject			End Sem
_				Exam
8.	Introduction to the thesis	Lecture	CO1	Mid Term-
	and approval of Topic and			1, Quiz &
	subject			End Sem
_				Exam
9.	Introduction to the thesis	Lecture	CO1	Mid Term-
	and approval of Topic and			1, Quiz &
	subject			End Sem
				Exam
10.	Introduction to the thesis	Lecture	CO1	Mid Term-
	and approval of Topic and			1, Quiz &
	subject			End Sem
				Exam
11.	Introduction to the thesis	Lecture	CO1	Mid Term-
	and approval of Topic and			1, Quiz &
	subject			End Sem
				Exam
12.	Introduction to the thesis	Lecture	CO1	Mid Term-
	and approval of Topic and			1, Quiz &
	subject			End Sem
				Exam
13.	Introduction to the thesis	Lecture	CO1	Mid Term-
	and approval of Topic and			1, Quiz &
	subject			End Sem
				Exam

14.	Introduction to the thesis	Lecture	CO1	Mid Term-
	and approval of Topic and			1, Quiz &
	subject			End Sem
				Exam
15.	Introduction to the thesis	Lecture	CO1	Mid Term-
	and approval of Topic and			1, Quiz &
	subject			End Sem
				Exam
16.	Introduction to the thesis	Lecture	CO1	Mid Term-
	and approval of Topic and			1, Quiz &
	subject			End Sem
				Exam
17.	Introduction to the thesis	Lecture	CO1	Mid Term-
	and approval of Topic and			1, Quiz &
	subject			End Sem
				Exam
18.	Introduction to the thesis	Lecture	CO1	Mid Term-
	and approval of Topic and			1, Quiz &
	subject			End Sem
				Exam
19.	Introduction to the thesis	Lecture	CO1	Mid Term-
	and approval of Topic and			1, Quiz &
	subject			End Sem
				Exam
20.	Introduction to the thesis	Lecture	CO1	Mid Term-
	and approval of Topic and			1, Quiz &
	subject			End Sem
2.1			001	Exam
21.	Introduction to the thesis	Lecture	CO1	Mid Term-
	and approval of Topic and			2, Quiz &
	subject			End Sem
22		Lastina	601	Exam
22.	Introduction to the thesis	Lecture	CO1	Mid Term-
	and approval of Topic and			2, Quiz &
	subject			End Sem
23.	Introduction to the thesis	Loctura	CO1	Exam Mid Term-
23.		Lecture	101	
	and approval of Topic and subject			2, Quiz & End Sem
	subject			Exam
24.	Introduction to the thesis	Lecture	CO1	Mid Term-
24.	and approval of Topic and	Lecture	101	2, Quiz &
	subject			End Sem
	Junject			Exam
25.	Introduction to the thesis	Lecture	CO1	Mid Term-
۷۵.	and approval of Topic and	Lecture	1001	2, Quiz &
	subject			End Sem
	Junject			Exam
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26.	Introduction to the thesis	Lecture	CO1	Mid Term-
	and approval of Topic and			2, Quiz &
	subject			End Sem
				Exam
27.	Introduction to the thesis	Lecture	CO1	Mid Term-
	and approval of Topic and			2, Quiz &
	subject			End Sem
				Exam
28.	Introduction to the thesis	Lecture	CO1	Mid Term-
	and approval of Topic and			2, Quiz &
	subject			End Sem
				Exam
29.	Introduction to the thesis	Lecture	CO1	Mid Term-
	and approval of Topic and			2, Quiz &
	subject			End Sem
				Exam
30.	Introduction to the thesis	Lecture	CO1	Mid Term-
	and approval of Topic and			2, Quiz &
	subject			End Sem
				Exam
31.	Introduction to the thesis	Lecture	CO1	Mid Term-
	and approval of Topic and			2, Quiz &
	subject			End Sem
				Exam
32.	Introduction to the thesis	Lecture	CO1	Mid Term-
	and approval of Topic and			2, Quiz &
	subject			End Sem
				Exam
33.	Introduction to the thesis	Lecture	CO1	Mid Term-
	and approval of Topic and			2, Quiz &
	subject			End Sem
				Exam
34.	Introduction to the thesis	Lecture	CO1	Mid Term-
	and approval of Topic and			2, Quiz &
	subject			End Sem
		<u> </u>	001	Exam
35.	Introduction to the thesis	Lecture	CO1	Mid Term-
	and approval of Topic and			2, Quiz &
	subject			End Sem
26	Inducation to the state of	1 1	604	Exam
36.	Introduction to the thesis	Lecture	CO1	Mid Term-
	and approval of Topic and			2, Quiz &
	subject			End Sem
27	Introduction to the attracts	l c cture	601	Exam
37.	Introduction to the thesis	Lecture	CO1	Quiz &
	and approval of Topic and			End Sem
	subject			Exam
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38.	Introduction to the thesis and approval of Topic and subject	Lecture	CO1	Quiz & End Sem Exam
39.	Introduction to the thesis and approval of Topic and subject	Lecture	CO1	Quiz & End Sem Exam
40.	Introduction to the thesis and approval of Topic and subject	Lecture	CO1	Quiz & End Sem Exam
41.	Introduction to the thesis and approval of Topic and subject	Lecture	CO1	Quiz & End Sem Exam
42.	Introduction to the thesis and approval of Topic and subject	Lecture	CO1	Quiz & End Sem Exam
43.	Introduction to the thesis and approval of Topic and subject	Lecture	CO1	Quiz & End Sem Exam
44.	Introduction to the thesis and approval of Topic and subject	Lecture	CO1	Quiz & End Sem Exam
45.	Introduction to the thesis and approval of Topic and subject	Lecture	CO1	Quiz & End Sem Exam
46.	Introduction to the thesis and approval of Topic and subject	Lecture	CO1	Quiz & End Sem Exam
47.	Introduction to the thesis and approval of Topic and subject	Lecture	CO1	Quiz & End Sem Exam
48.	Introduction to the thesis and approval of Topic and subject	Lecture	CO1	Quiz & End Sem Exam
49.	Introduction to the thesis and approval of Topic and subject	Lecture	CO1	Quiz & End Sem Exam
50.	Introduction to the thesis and approval of Topic and subject	Lecture	CO1	Quiz & End Sem Exam
51.	Introduction to the thesis and approval of Topic and subject	Lecture	CO1	Quiz & End Sem Exam

52.	Introduction to the thesis and	Lecture	CO1	Quiz &
	approval of Topic and subject			End Sem
				Exam
53.	Introduction to the thesis and	Lecture	CO1	Quiz &
	approval of Topic and subject			End Sem
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54.	Introduction to the thesis and	Lecture	CO1	Quiz &
	approval of Topic and subject			End Sem
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55.	Introduction to the thesis and	Lecture	CO1	Quiz &
	approval of Topic and subject			End Sem
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56.	Introduction to the thesis and	Lecture	CO1	Quiz &
	approval of Topic and subject			End Sem
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57.	Introduction to the thesis and	Lecture	CO1	Quiz &
	approval of Topic and subject			End Sem
				Exam
58.	Introduction to the thesis and	Lecture	CO1	Quiz &
	approval of Topic and subject			End Sem
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59.	Introduction to the thesis and	Lecture	CO1	Quiz &
	approval of Topic and subject			End Sem
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60.	Introduction to the thesis and	Lecture	CO1	Quiz &
	approval of Topic and subject			End Sem
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61.	Introduction to the thesis and	Lecture	CO1	Quiz &
	approval of Topic and subject			End Sem
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62.	Introduction to the thesis and	Lecture	CO1	Quiz &
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63.	Introduction to the thesis and	Lecture	CO1	Quiz &
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64.	Introduction to the thesis and	Lecture	CO1	Quiz &
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				Exam
65.	Introduction to the thesis and	Lecture	CO1	Quiz &
	approval of Topic and subject			End Sem
				Exam
66.	Introduction to the thesis and	Lecture	CO1	Quiz &
	approval of Topic and subject			End Sem
				Exam
67.	Introduction to the thesis and	Lecture	CO1	Quiz &
	approval of Topic and subject			End Sem
				Exam
			•	

68.	Introduction to the thesis and	Lecture	CO1	Quiz &
	approval of Topic and subject			End Sem Exam
69.	Introduction to the thesis and approval of Topic and subject	Lecture	CO1	Quiz & End Sem
				Exam
70.	Introduction to the thesis and approval of Topic and subject	Lecture	CO1	Quiz & End Sem
				Exam
71.	Introduction to the thesis and approval of Topic and subject	Lecture	CO1	Quiz & End Sem Exam
72.	Introduction to the thesis and approval of Topic and subject	Lecture	CO1	Quiz & End Sem Exam
73.	Introduction to the thesis and approval of Topic and subject	Lecture	CO1	Quiz & End Sem Exam
74.	Introduction to the thesis and approval of Topic and subject	Lecture	CO1	Quiz & End Sem Exam
75.	Introduction to the thesis and approval of Topic and subject	Lecture	CO1	Quiz & End Sem Exam
76.	Thesis would include working operational plans, working drawings and design	Lecture	CO2	Quiz & End Sem Exam
77.	model.	Lecture	CO2	Quiz & End Sem Exam
78.	Thesis would include working operational plans, working drawings and design	Lecture	CO2	Quiz & End Sem Exam
79.	model.	Lecture	CO2	Quiz & End Sem Exam
80.	Thesis would include working operational plans, working drawings and design	Lecture	CO2	Quiz & End Sem Exam
81.	model.	Lecture	CO2	Quiz & End Sem Exam

82.	Thesis would include working operational plans, working drawings and design	Lecture	CO2	Quiz & End Sem Exam
83.	model.	Lecture	CO2	Quiz & End Sem Exam
84.	Thesis would include working operational plans, working drawings and design	Lecture	CO2	Quiz & End Sem Exam
85.	model.	Lecture	CO2	Quiz & End Sem Exam
86.	Thesis would include working operational plans, working drawings and design	Lecture	CO2	Quiz & End Sem Exam
87.	model.	Lecture	CO2	Quiz & End Sem Exam
88.	Thesis would include working operational plans, working drawings and design	Lecture	CO2	Quiz & End Sem Exam
89.	model.	Lecture	CO2	Quiz & End Sem Exam
90.	Thesis would include working operational plans, working drawings and design	Lecture	CO2	Quiz & End Sem Exam
91.	model.	Lecture	CO2	Quiz & End Sem Exam
92.	Thesis would include working operational plans, working drawings and design	Lecture	CO2	Quiz & End Sem Exam
93.	model.	Lecture	CO2	Quiz & End Sem Exam
94.	Thesis would include working operational plans, working drawings and design	Lecture	CO2	Quiz & End Sem Exam

95.	model.	Lecture	CO2	Quiz & End Sem Exam
96.	Thesis would include working operational plans, working drawings and design	Lecture	CO2	Quiz & End Sem Exam
97.	model.	Lecture	CO2	Quiz & End Sem Exam
98.	Thesis would include working operational plans, working drawings and design	Lecture	CO2	Quiz & End Sem Exam
99.	model.	Lecture	CO2	Quiz & End Sem Exam
100.	Thesis would include working operational plans, working drawings and design	Lecture	CO2	Quiz & End Sem Exam
101.	model.	Lecture	CO2	Quiz & End Sem Exam
102.	Thesis would include working operational plans, working drawings and design	Lecture	CO2	Quiz & End Sem Exam
103.	model.	Lecture	CO2	Quiz & End Sem Exam
104.	Thesis would include working operational plans, working drawings and design	Lecture	CO2	Quiz & End Sem Exam
105.	model.	Lecture	CO2	Quiz & End Sem Exam
106.	Thesis would include working operational plans, working drawings and design	Lecture	CO2	Quiz & End Sem Exam
107.	model.	Lecture	CO2	Quiz & End Sem Exam

108.	Thesis would include working operational plans, working drawings and design	Lecture	CO2	Quiz & End Sem Exam
109.	model.	Lecture	CO2	Quiz & End Sem Exam
110.	Thesis would include working operational plans, working drawings and design	Lecture	CO2	Quiz & End Sem Exam
111.	model.	Lecture	CO2	Quiz & End Sem Exam
112.	Thesis would include working operational plans, working drawings and design	Lecture	CO2	Quiz & End Sem Exam
113.	model.	Lecture	CO2	Quiz & End Sem Exam
114.	Thesis would include working operational plans, working drawings and design	Lecture	CO2	Quiz & End Sem Exam
115.	model.	Lecture	CO2	Quiz & End Sem Exam
116.	Thesis would include working operational plans, working drawings and design	Lecture	CO2	Quiz & End Sem Exam
117.	model.	Lecture	CO2	Quiz & End Sem Exam
118.	Thesis would include working operational plans, working drawings and design	Lecture	CO2	Quiz & End Sem Exam
119.	model.	Lecture	CO2	Quiz & End Sem Exam
120.	Thesis would include working operational plans, working drawings and design	Lecture	CO2	Quiz & End Sem Exam

121.	model.	Lecture	CO2	Quiz & End Sem Exam
122.	Thesis would include working operational plans, working drawings and design	Lecture	CO2	Quiz & End Sem Exam
123.	model.	Lecture	CO2	Quiz & End Sem Exam
124.	Thesis would include working operational plans, working drawings and design	Lecture	CO2	Quiz & End Sem Exam
125.	model.	Lecture	CO2	Quiz & End Sem Exam
126.	Thesis would include working operational plans, working drawings and design	Lecture	CO2	Quiz & End Sem Exam
127.	model.	Lecture	CO2	Quiz & End Sem Exam
128.	Thesis would include working operational plans, working drawings and design	Lecture	CO2	Quiz & End Sem Exam
129.	model.	Lecture	CO2	Quiz & End Sem Exam
130.	Thesis would include working operational plans, working drawings and design	Lecture	CO2	Quiz & End Sem Exam
131.	model.	Lecture	CO2	Quiz & End Sem Exam
132.	Thesis would include working operational plans, working drawings and design	Lecture	CO2	Quiz & End Sem Exam
133.	model.	Lecture	CO2	Quiz & End Sem Exam

134.	Thesis would include working operational plans, working drawings and design	Lecture	CO2	Quiz & End Sem Exam
135.	model.	Lecture	CO2	Quiz & End Sem Exam
136.	Thesis would include working operational plans, working drawings and design	Lecture	CO2	Quiz & End Sem Exam
137.	model.	Lecture	CO2	Quiz & End Sem Exam
138.	Thesis would include working operational plans, working drawings and design	Lecture	CO2	Quiz & End Sem Exam
139.	model.	Lecture	CO2	Quiz & End Sem Exam
140.	Thesis would include working operational plans, working drawings and design	Lecture	CO2	Quiz & End Sem Exam
141.	model.	Lecture	CO2	Quiz & End Sem Exam
142.	Thesis would include working operational plans, working drawings and design	Lecture	CO2	Quiz & End Sem Exam
143.	model.	Lecture	CO2	Quiz & End Sem Exam
144.	Thesis would include working operational plans, working drawings and design	Lecture	CO2	Quiz & End Sem Exam
145.	model.	Lecture	CO2	Quiz & End Sem Exam
146.	Thesis would include working operational plans, working drawings and design	Lecture	CO2	Quiz & End Sem Exam

147.	model.	Lecture	CO2	Quiz & End Sem Exam
148.	Thesis would include working operational plans, working drawings and design	Lecture	CO2	Quiz & End Sem Exam
149.	model.	Lecture	CO2	Quiz & End Sem Exam
150.	Thesis would include working operational plans, working drawings and design	Lecture	CO2	Quiz & End Sem Exam
151.	Understanding of modern building materials suitable for application to the nature of	Lecture	CO3	Quiz & End Sem Exam
152.	the project. The project will be evaluated through a continuous Examination basis in	Lecture	CO3	Quiz & End Sem Exam
153.	a series of seminars as announced from time to time.	Lecture	CO3	Quiz & End Sem Exam
154.	Understanding of modern building materials suitable for application to the nature of	Lecture	CO3	Quiz & End Sem Exam
155.	the project. The project will be evaluated through a continuous Examination basis in	Lecture	CO3	Quiz & End Sem Exam
156.	a series of seminars as announced from time to time.	Lecture	CO3	Quiz & End Sem Exam
157.	Understanding of modern building materials suitable for application to the nature of	Lecture	CO3	Quiz & End Sem Exam
158.	the project. The project will be evaluated through a continuous Examination basis in	Lecture	CO3	Quiz & End Sem Exam
159.	a series of seminars as announced from time to time.	Lecture	CO3	Quiz & End Sem Exam

160.	Understanding of modern building materials suitable for application to the nature of	Lecture	CO3	Quiz & End Sem Exam
161.	the project. The project will be evaluated through a continuous Examination basis in	Lecture	CO3	Quiz & End Sem Exam
162.	a series of seminars as announced from time to time.	Lecture	CO3	Quiz & End Sem Exam
163.	Understanding of modern building materials suitable for application to the nature of	Lecture	CO3	Quiz & End Sem Exam
164.	the project. The project will be evaluated through a continuous Examination basis in	Lecture	CO3	Quiz & End Sem Exam
165.	a series of seminars as announced from time to time.	Lecture	CO3	Quiz & End Sem Exam
166.	Understanding of modern building materials suitable for application to the nature of	Lecture	CO3	Quiz & End Sem Exam
167.	the project. The project will be evaluated through a continuous Examination basis in	Lecture	CO3	Quiz & End Sem Exam
168.	a series of seminars as announced from time to time.	Lecture	CO3	Quiz & End Sem Exam
169.	Understanding of modern building materials suitable for application to the nature of	Lecture	CO3	Quiz & End Sem Exam
170.	the project. The project will be evaluated through a continuous Examination basis in	Lecture	CO3	Quiz & End Sem Exam
171.	a series of seminars as announced from time to time.	Lecture	CO3	Quiz & End Sem Exam
172.	Understanding of modern building materials suitable for application to the nature of	Lecture	CO3	Quiz & End Sem Exam

173.	the project. The project will be evaluated through a continuous Examination basis in	Lecture	CO3	Quiz & End Sem Exam
174.	a series of seminars as announced from time to time.	Lecture	CO3	Quiz & End Sem Exam
175.	Understanding of modern building materials suitable for application to the nature of	Lecture	CO3	Quiz & End Sem Exam
176.	the project. The project will be evaluated through a continuous Examination basis in	Lecture	CO3	Quiz & End Sem Exam
177.	a series of seminars as announced from time to time.	Lecture	CO3	Quiz & End Sem Exam
178.	Understanding of modern building materials suitable for application to the nature of	Lecture	CO3	Quiz & End Sem Exam
179.	the project. The project will be evaluated through a continuous Examination basis in	Lecture	CO3	Quiz & End Sem Exam
180.	a series of seminars as announced from time to time.	Lecture	CO3	Quiz & End Sem Exam
181.	Understanding of modern building materials suitable for application to the nature of	Lecture	CO3	Quiz & End Sem Exam
182.	the project. The project will be evaluated through a continuous Examination basis in	Lecture	CO3	Quiz & End Sem Exam
183.	a series of seminars as announced from time to time.	Lecture	CO3	Quiz & End Sem Exam
184.	Understanding of modern building materials suitable for application to the nature of	Lecture	CO3	Quiz & End Sem Exam
185.	the project. The project will be evaluated through a continuous Examination basis in	Lecture	CO3	Quiz & End Sem Exam

186.	a series of seminars as announced from time to time.	Lecture	CO3	Quiz & End Sem Exam
187.	Understanding of modern building materials suitable for application to the nature of	Lecture	CO3	Quiz & End Sem Exam
188.	the project. The project will be evaluated through a continuous Examination basis in	Lecture	CO3	Quiz & End Sem Exam
189.	a series of seminars as announced from time to time.	Lecture	CO3	Quiz & End Sem Exam
190.	Understanding of modern building materials suitable for application to the nature of	Lecture	CO3	Quiz & End Sem Exam
191.	the project. The project will be evaluated through a continuous Examination basis in	Lecture	CO3	Quiz & End Sem Exam
192.	a series of seminars as announced from time to time.	Lecture	CO3	Quiz & End Sem Exam
193.	Understanding of modern building materials suitable for application to the nature of	Lecture	CO3	Quiz & End Sem Exam
194.	the project. The project will be evaluated through a continuous Examination basis in	Lecture	CO3	Quiz & End Sem Exam
195.	a series of seminars as announced from time to time.	Lecture	CO3	Quiz & End Sem Exam
196.	Understanding of modern building materials suitable for application to the nature of	Lecture	CO3	Quiz & End Sem Exam
197.	the project. The project will be evaluated through a continuous Examination basis in	Lecture	CO3	Quiz & End Sem Exam
198.	a series of seminars as announced from time to time.	Lecture	CO3	Quiz & End Sem Exam

199.	Understanding of modern building materials suitable for application to the nature of	Lecture	CO3	Quiz & End Sem Exam
200.	the project. The project will be evaluated through a continuous Examination basis in	Lecture	CO3	Quiz & End Sem Exam
201.	a series of seminars as announced from time to time.	Lecture	CO3	Quiz & End Sem Exam
202.	Understanding of modern building materials suitable for application to the nature of	Lecture	CO3	Quiz & End Sem Exam
203.	the project. The project will be evaluated through a continuous Examination basis in	Lecture	CO3	Quiz & End Sem Exam
204.	a series of seminars as announced from time to time.	Lecture	CO3	Quiz & End Sem Exam
205.	Understanding of modern building materials suitable for application to the nature of	Lecture	CO3	Quiz & End Sem Exam
206.	the project. The project will be evaluated through a continuous Examination basis in	Lecture	CO3	Quiz & End Sem Exam
207.	a series of seminars as announced from time to time.	Lecture	CO3	Quiz & End Sem Exam
208.	Understanding of modern building materials suitable for application to the nature of	Lecture	CO3	Quiz & End Sem Exam
209.	the project. The project will be evaluated through a continuous Examination basis in	Lecture	CO3	Quiz & End Sem Exam
210.	a series of seminars as announced from time to time.	Lecture	CO3	Quiz & End Sem Exam
211.	Understanding of modern building materials suitable for application to the nature of	Lecture	CO3	Quiz & End Sem Exam

212.	the project. The project will be evaluated through a continuous Examination basis in	Lecture	CO3	Quiz & End Sem Exam
213.	a series of seminars as announced from time to time.	Lecture	CO3	Quiz & End Sem Exam
214.	Understanding of modern building materials suitable for application to the nature of	Lecture	CO3	Quiz & End Sem Exam
215.	the project. The project will be evaluated through a continuous Examination basis in	Lecture	CO3	Quiz & End Sem Exam
216.	a series of seminars as announced from time to time.	Lecture	CO3	Quiz & End Sem Exam
217.	Understanding of modern building materials suitable for application to the nature of	Lecture	CO3	Quiz & End Sem Exam
218.	the project. The project will be evaluated through a continuous Examination basis in	Lecture	CO3	Quiz & End Sem Exam
219.	a series of seminars as announced from time to time.	Lecture	CO3	Quiz & End Sem Exam
220.	Understanding of modern building materials suitable for application to the nature of	Lecture	CO3	Quiz & End Sem Exam
221.	the project. The project will be evaluated through a continuous Examination basis in	Lecture	CO3	Quiz & End Sem Exam
222.	a series of seminars as announced from time to time.	Lecture	CO3	Quiz & End Sem Exam
223.	Understanding of modern building materials suitable for application to the nature of	Lecture	CO3	Quiz & End Sem Exam
224.	the project. The project will be evaluated through a continuous Examination basis in	Lecture	CO3	Quiz & End Sem Exam

225.	a series of seminars as	Lecture	CO3	Quiz &
	announced from time to time.			End Sem
				Exam

G. Course Articulation Matrix (Mapping of COs with POs)

СО	CO STATEMENT		СО	RREI			VITH COM		GRA	MM	E			PRO	RELAT GRAM CIFIC C	ME		
		P O 1	P O 2	P O 3	P O 4	P O 5	P O 6	P O 7	P O 8	P O 9	P O 1	P O 1	P O 1 2	PS O1	PS O2	PS O3	PS 04	PS 05
CO 01	Student will be able to find an independent approach to develop an exercise and professional ability to handle professional.																	
CO 02	A thesis project topic will be chosen by the student and approved by the school so that a variety of professional projects are undertaken in each thesis semester every year.																	
CO 03	The course gives an opportunity to develop a student an independent approach to develop an exercise and professional ability to handle professional projects with complete analysis of based data/information so as to																	

									_
achieve aesthetically									
planned interior									
environment for									
functional efficiency.									

Sample Question Paper

Amity School of Architecture & Planning I MID-SEMESTER (SEM –VIII) 2017-2018												
		Class: BID VIII Se	emester									
Subject Name: BID Interior Design	801	Time: 2 Hrs	Time: 2 Hrs Max. Marks: 30									
Levels of the questions as per Blooms Taxonomy	Remembering	Understanding	Analyz	zing	Evaluating	Creating						
Question Mapping	Q.1,4	Q.2,3	Q.4	Q.2,5,	6							

Student will be able to

CO1: List the broad perceptive of cloud architecture and model.

CO2: Apply different cloud programming models as per need.

СО Мар	Question No.	Question	Marks
CO1	Q.1	Explain in brief the cloud computing concept.	3
CO1	Q.2a	What are the essential characteristics of cloud computing?	3
	Q.2b	How is cloud computing requirements and cloud servicerequirement services related to each other?	3
CO1	Q.3	Sketch NIST Cloud Computing Reference Architecture and depictits elements	6
CO2	Q.4	Explain the significance of Cloud Reference Model	3
602	Q.5a	Elaborate different cloud types with example.	3
CO2	Q.5b	Write characteristics of private cloud.	3
CO2	Q6	How virtualization is applied in cloud computing scenario?	6

Attainments		Rubric
Level	1	IF 60% of students secure more than 60% marks then level 1
Level	2	IF 70% of students secure more than 60% marks then level 2
Level	3	IF 80% of students secure more than 60% marks then level 3

Course outcome: Based on internal and external assessment the level of Course outcome attainment of the course BID/Course code BID 801 is level 3 for the academic year 2017-2018.



AMITY UNIVERSITY MADHYA PRADESH, GWALIOR AMITY SCHOOL OF ARCHITECTURE AND PLANNING DEPARTMENT OF ARCHITECTURE AND PLANNING

PROGRAMME OUTCOMES AND PROGRAMME SPECIFIC OUTCOMES Bachelor of Interior Design (BID), Academic Year – 2017-2018

Program Outcomes:

- **PO1. Design Knowledge:** Incorporate a global perspective when making design decisions, based on sustainable, socio-economic, and cultural contexts.
- PO2. Problem Analysis: Apply theories of human behaviour to human-centered design solutions.
- **PO3.** Design/Development of Solutions: Apply the design process to generate creative solutions to complex problems optimizing the human experience within the interior environment. Apply theory, psychology, and methodology of color to designs of the interior environment.
- **PO4. Individual and Team Work:** Collaborate in multi-disciplinary teams respecting a variety of points of view and perspectives that enrich the process and product of the team.
- **PO5. Communication:** Communicate complex ideas clearly to specialists and non-specialists through appropriate oral, written, and representational media.
- **PO6. Life Long Learning:** Exemplify accepted standards of professionalism and business practice including a commitment to engage in lifelong learning.
- **PO7. Context and Society:** Analyze interiors, architecture, the decorative arts, and art within a historical and cultural context to inform contemporary design solutions that relate with the society for whom the design solution is to be provided.
- **PO8. Synthesis of Concepts:** Synthesize theories and concepts of spatial definition and organization into multi-dimensional design solutions.
- **PO9. Modern Technique usage:** Specify furniture, fixtures, and equipment's of finish materials to meet the design criteria for a variety of interior spaces.
- **PO10.** Environment and Sustainability: Apply principles of lighting, acoustics, thermal comfort, and indoor air quality as required to enhance the health, safety, welfare, and performance of building occupants for overall sustainable development of the individuals.
- PO11. Ethics: Comply with laws, codes, and standards that impact fire safety and life safety.

PO12. Project/Construction Management: Produce construction drawings and documents using industry standards for a variety of interior spaces. Employ environment-behaviour research methodologies to address open-ended problems in interior design.

Program Specific Outcome:

As part of the school's charter and mission, Amity School of Architecture and Planning is providing a vibrant planning environment, ensuring its under-graduates are not only valued by the planning practice, but are also able to:

PSO1. Demonstrate critical thinking as they identify, analyze, and solve interior architecture and design problems through completion of interior design studio projects. Apply creative and critical thinking to solve interior environment problems from a human-cantered approach and apply this knowledge to design solutions.

PSO2. Demonstrate preparation for global design practice by incorporating cultural norms of user populations and applying that knowledge to design solutions that support globally diverse end users.

PSO3. Demonstrate effective visual, verbal, and written communication.

PSO4. Apply ethical and professional practices.

PSO5. Demonstrate social responsibility by designing sustainable interior environments that support indoor environmental quality and improve the quality of life for occupants.

PSO6. Engage in integrative professional design practice by contributing interior architecture and design expertise to collaborative design teams.

Note: - Correlation levels 1, 2 and 3 as defined below:

1: Slight (Low), 2: Moderate (Medium) and 3: Substantial (High)

If there is no correlation, put "-"

						P	ROG	RAN	1ME	ARTI	CULA	TIOI	N MA	ATRIX	(
SEM	SUBJECT CODE	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12	PO 13	PO 14	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5	PSO 6
	BID101	3	3	3	3	2	1	2	3	3	1	1	3	3	1	3	3	-	-	2	-
	BID102	2	2	3	2	2	1	-		1	2	2	2	-	1	1	3	-	-	-	-
	BID103	2	2	1	-	3	1	2	3	3	2	1	1	2	2	3	3	1	-	-	-
- 1	BID104	1	1	1	2	-	-	-	2	-	-	-	2	-	-	1	1	-	-	-	-
	BID105	3	2	3	2	1	1	2	3	1	2	-	3	-	1	3	3	-	-	2	-
	BID106	-	1	-	-	-	-	3	2	-	-	-	-	-	1	1	1	-	-	-	-
	BID107	3	2	3	3	1	1	3	-	3	3	-	3	2	3	3	3	3	-	-	-
	BID201	3	2	3	3	2	2	2	3	3	1	1	3	3	1	3	3	-	-	2	-
	BID202	3	-	3	2	2	2	-	1	1	1	3	3	2	1	1	2	-	-	-	-
	BID203	2	2	1	1	3	2	2	3	3	2	1	2	2	1	3	3	1	-	2	-
П	BID204	1	3	1	-	-	-	-	1	1	-	-	2	-	1	1	1	-	-	-	-
	BID205	1	-	3	3	1	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-
	BID206	1	1	-	-	-	-	3	3	3	-	-	-	-	-	1	3	-	-	-	-
	BID207	3	-	1	3	1	1	-	1	3	3	3	3	3	3	3	3	3	-	-	-
	BID301	3	3	3	3	2	2	2	3	3	1	1	2	3	1	3	3	-	-	2	-
	BID302	2	-	3	2	2	2	-	1	1	1	2	2	2	1	1	1	-	-	-	-
	BID303	2	2	2	2	-	3	2	-	1	-	-	-	2	-	1	1	-	-	-	-
Ш	BID304	3	3	-	-	3	-	-	3	3	-	-	-	-	-	1	1	-	-	-	-
	BID305	1	-	3	3	1	2	-	-	-	-	-	-	-	-	1	-	-	-	-	-
	BID306	1	1	-	-	2	-	3	3	3	-	-	-	-	-	-	-	-	-	-	-
	BID307	1	3	1	-	3	-	-	3	3	-	-	-	-	3	-	-	-	-	2	-
	BID401	3	3	3	3	2	2	2	3	3	2	1	2	3	1	3	3	-	-	2	-
	BID402	2	1	3	2	2	2	-	1	-	2	1	2	3	1	1	1	-	-	2	-
	BID403	2	2	2	3	1	2	1	1	-	-	-	-	2	-	3	1	-	-	2	-
IV	BID404	3	-	2	3	1	2	1	1	-	1	2	2	2	-	1	1	-	-	2	-
	BID405	3	1	1	1	1	1	-	3	3	3	2	2	1	1	3	3	-	-	-	-
	BID406	3	3	3	3	3	2	3	2	3	3	2	3	-	-	1	3	-	-	2	-
	BID407	3	2	3	3	2	2	2	2	3	3	-	-	-	1	1	3	-	-	-	-
	BID501	3	3	3	3	2	2	2	3	3	3	1	2	3	1	3	1	-	-	2	-
	BID502	2	1	3	2	2	2	1	1	-	1	1	2	3	1	1	1	-	-	-	-
V	BID503	2	1	2	3	-	3	1	1	-	-	3	-	2	3	3	1	-	-	2	-
V	BID504	2	1	1	3	-	3	-	-	-	-	3	-	2	3	3	1	-	-	2	-
	BID505	1	1	-	-	1	-	3	3	3	-	-	1	-	3	1	1	3	-	-	-
	BID506	3	3	3	3	2	2	3	3	2	3	3	3	3	1	3	3	-	-	2	-
	BID601	3	3	3	3	2	2	2	3	3	3	3	1	3	1	3	3	-	-	2	-
	BID602	1	-	3	3	2	2	2	3	3	-	2	1	-	-	3	3	3	-	-	-
	BID603	3	3	2	2	1	1	1	3	3	1	2	2	2	3	3	3	-	-	-	-
VI	BID604	3	2	3	3	2	2	2	3	3	3	2	3	3	-	3	3	-	-	2	-
	BID605	2	-	1	3	-	-	-	-	-	-	-	-	-	3	3	-	-	-	-	-
	BID606	3	2	3	3	1	2	2	3	3	-	3	-	-	-	3	2	-	-	-	-
	BID607	2	3	3	3	1	2	2	3	3	1	-	-	-	3	3	2	-	-	-	-
VII	BID701	3	3	3	3	2	3	ı	3	2	1	-	3	3	3	3	ı	-	-	2	-
VIII	BID 801	3	3	3	3	2	2	2	3	3	1	3	2	3	3	3	3	-	-	2	-

			i						i											
BID 802	-	-	-	-	1	1	-	1	-	-	-	-	3	3	2	3	3	3	-	3
BID 803	1	-	2	1	1	2	-	2	1	-	1	-	2	3	2	1	2	-	-	-
BID 804	3	1	2	2	2	1	-	2	2	1	-	2	-	-	-	1	-	-	-	-
BID 805	1	3	1	1	2	1	2	1	2	1	1	-	2	1	2	-	-	-	-	-

DEPARTMENT OF ARCHITECTURE & PLANNING

Course Handout

Course: Professional Practice

Course Code: BID 802, Crédits: 03, Session: 2017-2018 (Odd Sem.), Class: BID 4th Year

Faculty Name: Ar. Manish Kumar Chitranshi

Introduction:Lecture based learning along with exercises as tutorials related on the lecture delivery. Preparing a report of study of an interior designer's office.

H. Course Outcomes: At the end of the course, students will be able to:

CO1: Role of an interior designer in society, Scale of charges conduct in the practice. Requirements of interior design competitions and appointment of contractor for interior works.

CO2: To acquaint the students with role of an interior designer in society, scale of charges conducts in the practice.

CO3:Requirements of interior design competitions and appointment of contractor for interior works.

I. Programme Outcomes:

- **PO1. Design Knowledge:** Incorporate a global perspective when making design decisions, based on sustainable, socio-economic, and cultural contexts.
- PO2. Problem Analysis: Apply theories of human behaviour to human-centered design solutions.
- **PO3. Design/Development of Solutions:** Apply the design process to generate creative solutions to complex problems optimizing the human experience within the interior environment. Apply theory, psychology, and methodology of color to designs of the interior environment.
- **PO4. Individual and Team Work:** Collaborate in multi-disciplinary teams respecting a variety of points of view and perspectives that enrich the process and product of the team.
- **PO5. Communication:** Communicate complex ideas clearly to specialists and non-specialists through appropriate oral, written, and representational media.
- **PO6. Life Long Learning:** Exemplify accepted standards of professionalism and business practice including a commitment to engage in lifelong learning.
- **PO7. Context and Society:** Analyze interiors, architecture, the decorative arts, and art within a historical and cultural context to inform contemporary design solutions that relate with the

society for whom the design solution is to be provided.

- **PO8. Synthesis of Concepts:** Synthesize theories and concepts of spatial definition and organization into multi-dimensional design solutions.
- **PO9. Modern Technique usage:** Specify furniture, fixtures, and equipment's of finish materials to meet the design criteria for a variety of interior spaces.
- **PO10.** Environment and Sustainability: Apply principles of lighting, acoustics, thermal comfort, and indoor air quality as required to enhance the health, safety, welfare, and performance of building occupants for overall sustainable development of the individuals.
- **PO11. Ethics:** Comply with laws, codes, and standards that impact fire safety and life safety.
- **PO12. Project/Construction Management:** Produce construction drawings and documents using industry standards for a variety of interior spaces. Employ environment-behaviour research methodologies to address open-ended problems in interior design.

J. Programme Specific Outcomes:

As part of the school's charter and mission, Amity School of Architecture and Planning is providing a vibrant planning environment, ensuring its under-graduates are not only valued by the planning practice, but are also able to:

- **PSO1.** Demonstrate critical thinking as they identify, analyze, and solve interior architecture and design problems through completion of interior design studio projects. Apply creative and critical thinking to solve interior environment problems from a human-cantered approach and apply this knowledge to design solutions.
- **PSO2.** Demonstrate preparation for global design practice by incorporating cultural norms of user populations and applying that knowledge to design solutions that support globally diverse end users.
- **PSO3.** Demonstrate effective visual, verbal, and written communication.
- **PSO4.** Apply ethical and professional practices.
- **PSO5.** Demonstrate social responsibility by designing sustainable interior environments that support indoor environmental quality and improve the quality of life for occupants.
- **PSO6.** Engage in integrative professional design practice by contributing interior architecture and design expertise to collaborative design teams.

Assessment Plan:

Component of Evaluation	Description	Code	Weightage
			%
Continuous Internal	Mid Term	СТ	10%
Evaluation	Seminar/Quiz/ Assignment	S/Q/A	15%
Attendance	A minimum of 75% Attendance is required to be maintained by a studentto	А	5%

	be qualified for taking up the End Semester examination. The allowance of 25%		
	includes all types of leaves		
	including medical leaves.		
End Semester	End Semester	EE	70%
Examination	(Viva-Voce)		
Total			100%

K. Syllabus

Module I: Introduction

Contract and conditions of engagement for interior projects

Module II: Duties

Responsibilities, liabilities and duties of interior designer.

Module III: Contract Document

Terms and conditions for entering into a Contact, Scale of charges and

mode of payment for the professional services to be offered.

Examination Scheme:

Components	Attendance	Mid-Term	Assignment	EE
Weightage (%)	5	10	15	70

CT: Class Test, A: Assignment, S/V/Q: Seminar/Viva/Quiz, EE: End Semester Examination; A: Attendance

L. Suggested Text/Reference Books:

- A Visual Dictionary of Architecture, Francis D.K. Ching [2] Creative Interiors (Design of Enclosed Space), Shashi Jain [3] Commercial Interior Perspectives, Graphic Sha (Editor) [4] Design with Wood, Carol Soucek King
- Drywall (Pro Tips for Hanging & Finishing), John D. Wagner
- Graphic Interiors (Space Designed by Graphic Artists), Corina Dean [7] Interior design illustrated, Francis D.K. Ching
- Graphic Interiors (Space Designed by Graphic Artists), Corina Dean
- Home Plumbing (The David & Charles Manual of), Ernest Hall
- House Book (The Complete Guide to Home Design), Terence Conran [12] Illustration + Perspectives (In Pantone Colors), Eiji Mitooka
- Elements of Architecture, Meiss Pieree Von
- Architecture: Form, Space and Order, Francis D.K. Ching

References:

$\hfill \square$ A Visual Dictionary of Architecture, Francis D.K. Ching
☐ Interior design illustrated Francis D.K. Ching

☐ House Book (The Complete Guide to Home Design), Terence Conran
☐ Masonry (Concrete, Brick, Stone), Christine Beall
☐ Metric Handbook (Planning & Design Data) 2nd Ed. Edited By, David Adler
☐ Window Fashion, Charles T. Randall
☐ Illustration + Perspectives (In Pantone Colors), Eiji Mitooka
☐ Elements of Architecture, Meiss Pieree Von
☐ Architecture: Form, Space and Order, Francis D.K. Ching
☐ The Construction of Building Vol- 1 to 5, R. Barry
☐ Building Construction, N.L. Arora &, B.R. Gupta
☐ Interior Detail — 1 (Residence), Jeong, Kwang Young

 $\hfill\Box$ Interior Spaces Vol – 6 (A Pictorial Review), Image Publishing Group

M. Lecture Plan

Lecture	Topics	Mode of Delivery	Correspon ding CO	Mode of Assessing CO					
					226.	Contract and conditions of	Lecture	CO1	Mid Term-
						engagement for interior			1, Quiz &
projects			End Sem						
			Exam						
227.	Contract and conditions of	Lecture	CO1	Mid Term-					
	engagement for interior			1, Quiz &					
	projects			End Sem					
				Exam					
228.	Contract and conditions of	Lecture	CO1	Mid Term-					
	engagement for interior			1, Quiz &					
	projects			End Sem					
				Exam					
229.	Contract and conditions of	Lecture	CO1	Mid Term-					
	engagement for interior			1, Quiz &					
	projects			End Sem					
				Exam					
230.	Contract and conditions of	Lecture	CO1	Mid Term-					
	engagement for interior			1, Quiz &					
	projects			End Sem					
				Exam					
231.	Contract and conditions of	Lecture	CO1	Mid Term-					
	engagement for interior			1, Quiz &					
	projects			End Sem					
				Exam					

232.	Contract and conditions of	Lecture	CO1	Mid Term-
	engagement for interior			1, Quiz &
	projects			End Sem
	p. 6,666			Exam
233.	Contract and conditions of	Lecture	CO1	Mid Term-
	engagement for interior	10000	55	1, Quiz &
	projects			End Sem
	p. 6,666			Exam
234.	Contract and conditions of	Lecture	CO1	Mid Term-
23	engagement for interior	Lecture	001	1, Quiz &
	projects			End Sem
	projects			Exam
235.	Contract and conditions of	Lecture	CO1	Mid Term-
233.	engagement for interior	Lecture	001	1, Quiz &
	projects			End Sem
	projects			Exam
236.	Contract and conditions of	Lecture	CO1	Mid Term-
250.	engagement for interior	Lecture	601	1, Quiz &
	projects			End Sem
	projects			Exam
237.	Contract and conditions of	Lecture	CO1	Mid Term-
257.	engagement for interior	Lecture	601	1, Quiz &
	projects			End Sem
	projects			Exam
238.	Contract and conditions of	Lecture	CO1	Mid Term-
250.	engagement for interior	Lecture	601	1, Quiz &
	projects			End Sem
	projects			Exam
239.	Contract and conditions of	Lecture	CO1	Mid Term-
	engagement for interior	10000	55	1, Quiz &
	projects			End Sem
	p. 2,000			Exam
240.	Contract and conditions of	Lecture	CO1	Mid Term-
	engagement for interior			1, Quiz &
	projects			End Sem
				Exam
241.	Responsibilities, liabilities	Lecture	CO2	Mid Term-
	and duties of interior			1, Quiz &
	designer			End Sem
	5			Exam
242.	Responsibilities, liabilities	Lecture	CO2	Mid Term-
	and duties of interior			1, Quiz &
	designer			End Sem
				Exam
243.	Responsibilities, liabilities	Lecture	CO2	Mid Term-
	and duties of interior			1, Quiz &
	designer			End Sem
				Exam
				LAGIII

244.	Responsibilities, liabilities	Lecture	CO2	Mid Term-
	and duties of interior			1, Quiz &
	designer			End Sem
				Exam
245.	Responsibilities, liabilities	Lecture	CO2	Mid Term-
	and duties of interior			1, Quiz &
	designer			End Sem
	_			Exam
246.	Responsibilities, liabilities	Lecture	CO2	Mid Term-
	and duties of interior			2, Quiz &
	designer			End Sem
				Exam
247.	Responsibilities, liabilities	Lecture	CO2	Mid Term-
	and duties of interior			2, Quiz &
	designer			End Sem
				Exam
248.	Responsibilities, liabilities	Lecture	CO2	Mid Term-
	and duties of interior			2, Quiz &
	designer			End Sem
				Exam
249.	Responsibilities, liabilities	Lecture	CO2	Mid Term-
	and duties of interior			2, Quiz &
	designer			End Sem
				Exam
250.	Responsibilities, liabilities	Lecture	CO2	Mid Term-
	and duties of interior			2, Quiz &
	designer			End Sem
				Exam
251.	Responsibilities, liabilities	Lecture	CO2	Mid Term-
	and duties of interior			2, Quiz &
	designer			End Sem
				Exam
252.	Responsibilities, liabilities	Lecture	CO2	Mid Term-
	and duties of interior			2, Quiz &
	designer			End Sem
				Exam
253.	Responsibilities, liabilities	Lecture	CO2	Mid Term-
	and duties of interior			2, Quiz &
	designer			End Sem
				Exam
254.	Responsibilities, liabilities	Lecture	CO2	Mid Term-
	and duties of interior			2, Quiz &
	designer			End Sem
				Exam
255.	Responsibilities, liabilities	Lecture	CO2	Mid Term-
	and duties of interior			2, Quiz &
	designer			End Sem
				Exam

256.	Terms and conditions for	Lecture	CO3	Mid Term-
250.	entering into a Contact,	Lecture	603	2, Quiz &
	Scale of charges and			End Sem
	Scale of charges and			Exam
257.	made of normant for the	Locturo	CO3	Mid Term-
257.	mode of payment for the	Lecture	CO3	
	professional services to be			2, Quiz &
	offered			End Sem
252				Exam
258.	Terms and conditions for	Lecture	CO3	Mid Term-
	entering into a Contact,			2, Quiz &
	Scale of charges and			End Sem
				Exam
259.	mode of payment for the	Lecture	CO3	Mid Term-
	professional services to be			2, Quiz &
	offered			End Sem
				Exam
260.	Terms and conditions for	Lecture	CO3	Mid Term-
	entering into a Contact,			2, Quiz &
	Scale of charges and			End Sem
				Exam
261.	mode of payment for the	Lecture	CO3	Mid Term-
	professional services to be			2, Quiz &
	offered			End Sem
				Exam
262.	Terms and conditions for	Lecture	CO3	Quiz &
	entering into a Contact,			End Sem
	Scale of charges and			Exam
263.	manda of naverant for the	Lockwas	603	Oi- 0
203.	mode of payment for the	Lecture	CO3	Quiz &
	professional services to be			End Sem
	offered			Exam
264.	Terms and conditions for	Lecture	CO3	Quiz &
	entering into a Contact,			End Sem
	Scale of charges and			Exam
	- Common or			
265.	mode of payment for the	Lecture	CO3	Quiz &
	professional services to be			End Sem
	offered			Exam
266	Terms and conditions for	Loctura	CO2	Oui-7 0
266.		Lecture	CO3	Quiz & End Sem
	entering into a Contact,			
	Scale of charges and			Exam
267.	mode of payment for the	Lecture	CO3	Quiz &
	professional services to be			End Sem
	offered			Exam
268.	Terms and conditions for	Lecture	CO3	Quiz &
	entering into a Contact,			End Sem
	Scale of charges and			Exam

269.	mode of payment for the professional services to be offered	Lecture	CO3	Quiz & End Sem Exam
270.	Terms and conditions for entering into a Contact, Scale of charges and	Lecture	CO3	Quiz & End Sem Exam

N. Course Articulation Matrix (Mapping of COs with POs)

СО	STATEMENT	CORRELATION WITH PROGRAMME OUTCOMES								CORRELATION WITH PROGRAMME SPECIFIC OUTCOMES								
		P O 1	P O 2	P O 3	P O 4	P O 5	P O 6	P O 7	P O 8	P O 9	P O 1 0	P O 1	P O 1 2	PS O1	PS O2	PS O3	PS 04	PS 05
CO 01	Role of an interior designer in society, Scale of charges conduct in the practice. Requirements of interior design competitions and appointment of contractor for interior works.																	
CO 02	To acquaint the students with role of an interior designer in society, scale of charges conducts in the practice.																	
CO 03	Requirements of interior design competitions and appointment of contractor for interior works.																	

Sample Question Paper

Amity School of Architecture & Planning I MID-SEMESTER (SEM –VIII) 2017-2018											
	Class: BID VIII Semester										
Subject Name: BID 802 Time: 2 Hrs Max. Marks: 30 Professional Practice											
Levels of the questions as per Blooms Taxonomy Remembering Understanding Applying Analyzing Evaluating Creati											
Question Q.1,4 Q.2,3 Q.4 Q.2,5,6 Mapping Q.2,3 Q.4 Q.2,5,6											

Student will be able to

CO1: List the broad perceptive of cloud architecture and model.

CO2: Apply different cloud programming models as per need.

	-	<u> </u>	
CO Map	Question No.	Question	Marks
CO1	Q.1	Explain in brief the cloud computing concept.	3
CO1	Q.2a	What are the essential characteristics of cloud computing?	3
	Q.2b	How is cloud computing requirements and cloud servicerequirement services related to each other?	3
CO1	Q.3	Sketch NIST Cloud Computing Reference Architecture and depictits elements	6
CO2	Q.4	Explain the significance of Cloud Reference Model	3
CO2	Q.5a	Elaborate different cloud types with example.	3
CO2	Q.5b	Write characteristics of private cloud.	3
CO2	Q6	How virtualization is applied in cloud computing scenario?	6

Attainments		Rubric
Level	1	IF 60% of students secure more than 60% marks then level 1
Level	2	IF 70% of students secure more than 60% marks then level 2
Level	3	IF 80% of students secure more than 60% marks then level 3

Course outcome: Based on internal and external assessment the level of Course outcome attainment of the course BID/Course code BID 802 is level 2 for the academic year 2017-2018.



AMITY UNIVERSITY MADHYA PRADESH, GWALIOR AMITY SCHOOL OF ARCHITECTURE AND PLANNING DEPARTMENT OF ARCHITECTURE AND PLANNING

PROGRAMME OUTCOMES AND PROGRAMME SPECIFIC OUTCOMES Bachelor of Interior Design (BID), Academic Year – 2017-2018

Program Outcomes:

- **PO1. Design Knowledge:** Incorporate a global perspective when making design decisions, based on sustainable, socio-economic, and cultural contexts.
- PO2. Problem Analysis: Apply theories of human behaviour to human-centered design solutions.
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PO12. Project/Construction Management: Produce construction drawings and documents using industry standards for a variety of interior spaces. Employ environment-behaviour research methodologies to address open-ended problems in interior design.

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PSO2. Demonstrate preparation for global design practice by incorporating cultural norms of user populations and applying that knowledge to design solutions that support globally diverse end users.

PSO3. Demonstrate effective visual, verbal, and written communication.

PSO4. Apply ethical and professional practices.

PSO5. Demonstrate social responsibility by designing sustainable interior environments that support indoor environmental quality and improve the quality of life for occupants.

PSO6. Engage in integrative professional design practice by contributing interior architecture and design expertise to collaborative design teams.

Note: - Correlation levels 1, 2 and 3 as defined below:

1: Slight (Low), 2: Moderate (Medium) and 3: Substantial (High)

If there is no correlation, put "-"

PROGRAMME ARTICULATION MATRIX																					
SEM	SUBJECT CODE	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12	PO 13	PO 14	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5	PSO 6
	BID101	3	3	3	3	2	1	2	3	3	1	1	3	3	1	3	3	-	-	2	-
	BID102	2	2	3	2	2	1	-		1	2	2	2	-	1	1	3	-	-	-	-
	BID103	2	2	1	-	3	1	2	3	3	2	1	1	2	2	3	3	1	-	-	-
1	BID104	1	1	1	2	-	-	-	2	-	-	-	2	-	-	1	1	-	-	-	-
	BID105	3	2	3	2	1	1	2	3	1	2	-	3	-	1	3	3	-	-	2	-
	BID106	-	1	-	-	-	-	3	2	-	-	-	-	-	1	1	1	-	-	-	-
	BID107	3	2	3	3	1	1	3	-	3	3	-	3	2	3	3	3	3	-	-	-
	BID201	3	2	3	3	2	2	2	3	3	1	1	3	3	1	3	3	-	-	2	-
	BID202	3	-	3	2	2	2	-	1	1	1	3	3	2	1	1	2	-	-	-	-
	BID203	2	2	1	1	3	2	2	3	3	2	1	2	2	1	3	3	1	-	2	-
Ш	BID204	1	3	1	-	-	-	-	1	1	-	-	2	-	1	1	1	-	-	-	-
	BID205	-	-	3	3	1	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-
	BID206	-	1	-	-	-	-	3	3	3	-	-	-	-	-	1	3	-	-	-	-
	BID207	3	-	1	3	1	1	-	1	3	3	3	3	3	3	3	3	3	-	-	-
	BID301	3	3	3	3	2	2	2	3	3	1	1	2	3	1	3	3	-	-	2	-
	BID302	2	-	3	2	2	2	-	1	1	1	2	2	2	1	1	1	-	-	-	-
	BID303	2	2	2	2	-	3	2	-	1	-	-	-	2	-	1	1	-	-	-	-
Ш	BID304	3	3	-	-	3	-	-	3	3	-	-	-	-	-	1	1	-	-	-	-
	BID305	-	-	3	3	1	2	-	-	-	-	-	-	-	-	1	-	-	-	-	-
	BID306	-	1	-	-	2	-	3	3	3	-	-	-	-	-	-	-	-	-	-	-
	BID307	1	3	1	-	3	-	-	3	3	-	-	-	-	3	-	-	-	-	2	-
	BID401	3	3	3	3	2	2	2	3	3	2	1	2	3	1	3	3	-	-	2	-
	BID402	2	1	3	2	2	2	-	1	-	2	1	2	3	1	1	1	-	-	2	-
	BID403	2	2	2	3	1	2	1	1	-	-	-	-	2	-	3	1	-	-	2	-
IV	BID404	3	-	2	3	1	2	1	1	-	1	2	2	2	-	1	1	-	-	2	-
	BID405	3	1	1	1	1	1	-	3	3	3	2	2	1	1	3	3	-	-	-	-
	BID406	3	3	3	3	3	2	3	2	3	3	2	3	-	-	1	3	-	-	2	1
	BID407	3	2	3	3	2	2	2	2	3	3	-	-	-	1	1	3	-	-	-	1
	BID501	3	3	3	3	2	2	2	3	3	3	1	2	3	1	3	1	-	-	2	-
	BID502	2	1	3	2	2	2	1	1	-	1	1	2	3	1	1	1	-	-	-	1
V	BID503	2	1	2	3	-	3	1	1	-	-	3	-	2	3	3	1	-	-	2	1
V	BID504	2	1	1	3	-	3	-	-	-	-	3	-	2	3	3	1	-	-	2	-
	BID505	1	1	-	-	1	-	3	3	3	-	ı	1	-	3	1	1	3	-	-	1
	BID506	3	3	3	3	2	2	3	3	2	3	3	3	3	1	3	3	-	-	2	1
	BID601	3	3	3	3	2	2	2	3	3	3	3	1	3	1	3	3	-	-	2	1
	BID602	1	ı	3	3	2	2	2	3	3	-	2	1	-	-	3	3	3	-	-	-
	BID603	3	3	2	2	1	1	1	3	3	1	2	2	2	3	3	3	-	-	-	-
VI	BID604	3	2	3	3	2	2	2	3	3	3	2	3	3	-	3	3	-	-	2	-
	BID605	2	-	1	3	-	-	-	-	-	-	-	-	-	3	3	-	-	-	-	-
	BID606	3	2	3	3	1	2	2	3	3	-	3	-	-	-	3	2	-	-	-	-
	BID607	2	3	3	3	1	2	2	3	3	1	i	-	-	3	3	2	-	-	-	-
VII	BID701	3	3	3	3	2	3	1	3	2	1	1	3	3	3	3	ı	-	-	2	ı
VIII	BID 801	3	3	3	3	2	2	2	3	3	1	3	2	3	3	3	3	-	-	2	-

			i						i											
BID 802	-	-	-	-	1	1	-	1	-	-	-	-	3	3	2	3	3	3	-	3
BID 803	1	-	2	1	1	2	-	2	1	-	1	-	2	3	2	1	2	-	-	-
BID 804	3	1	2	2	2	1	-	2	2	1	-	2	-	-	-	1	-	-	-	-
BID 805	1	3	1	1	2	1	2	1	2	1	1	-	2	1	2	-	-	-	-	-

DEPARTMENT OF ARCHITECTURE & PLANNING

Course Handout

Course: Lighting in Interiors

Course Code: BID 803, Crédits: 03, Session: 2017-2018 (Odd Sem.), Class: BID 4th Year

Faculty Name: Ar. Manish Kumar Chitranshi

Introduction: The course will use a mix of drawings, Presentations & sketching,

Participants are encouraged to engage in active interaction through classroom participation.

O. Course Outcomes: At the end of the course, students will be able to:

CO1: Illustrate the qualities of natural light and identify the roles of lighting system in artificial lighting also prepare lighting layouts, specify light, different type of applications.

CO2: To help the student understand day lighting and technology of artificial lighting

CO3: To equip the student to understand and successfully apply lighting techniques with colour effects.

P. Programme Outcomes:

- **PO1. Design Knowledge:** Incorporate a global perspective when making design decisions, based on sustainable, socio-economic, and cultural contexts.
- PO2. Problem Analysis: Apply theories of human behaviour to human-centered design solutions.
- **PO3. Design/Development of Solutions:** Apply the design process to generate creative solutions to complex problems optimizing the human experience within the interior environment. Apply theory, psychology, and methodology of color to designs of the interior environment.
- **PO4. Individual and Team Work:** Collaborate in multi-disciplinary teams respecting a variety of points of view and perspectives that enrich the process and product of the team.
- **PO5. Communication:** Communicate complex ideas clearly to specialists and non-specialists through appropriate oral, written, and representational media.

- **PO6. Life Long Learning:** Exemplify accepted standards of professionalism and business practice including a commitment to engage in lifelong learning.
- **PO7. Context and Society:** Analyze interiors, architecture, the decorative arts, and art within a historical and cultural context to inform contemporary design solutions that relate with the society for whom the design solution is to be provided.
- **PO8. Synthesis of Concepts:** Synthesize theories and concepts of spatial definition and organization into multi-dimensional design solutions.
- **PO9. Modern Technique usage:** Specify furniture, fixtures, and equipment's of finish materials to meet the design criteria for a variety of interior spaces.
- **PO10. Environment and Sustainability:** Apply principles of lighting, acoustics, thermal comfort, and indoor air quality as required to enhance the health, safety, welfare, and performance of building occupants for overall sustainable development of the individuals.
- **PO11. Ethics:** Comply with laws, codes, and standards that impact fire safety and life safety.
- **PO12. Project/Construction Management:** Produce construction drawings and documents using industry standards for a variety of interior spaces. Employ environment-behaviour research methodologies to address open-ended problems in interior design.

Q. Programme Specific Outcomes:

As part of the school's charter and mission, Amity School of Architecture and Planning is providing a vibrant planning environment, ensuring its under-graduates are not only valued by the planning practice, but are also able to:

- **PSO1.** Demonstrate critical thinking as they identify, analyze, and solve interior architecture and design problems through completion of interior design studio projects. Apply creative and critical thinking to solve interior environment problems from a human-cantered approach and apply this knowledge to design solutions.
- **PSO2.** Demonstrate preparation for global design practice by incorporating cultural norms of user populations and applying that knowledge to design solutions that support globally diverse end users.
- **PSO3.** Demonstrate effective visual, verbal, and written communication.
- **PSO4.** Apply ethical and professional practices.
- **PSO5.** Demonstrate social responsibility by designing sustainable interior environments that support indoor environmental quality and improve the quality of life for occupants.
- **PSO6.** Engage in integrative professional design practice by contributing interior architecture and design expertise to collaborative design teams.

Assessment Plan:

Component of	Description	Code	Weightage
Evaluation			%
Continuous	Mid Term	СТ	10%

Internal Evaluation	Seminar/Quiz/ Assignment	S/Q/A	15%
Attendance	A minimum of 75% Attendance is required to be maintained by a studentto be qualified for taking up the End Semester examination. The allowance of 25% includes all types of leaves including medical leaves.	A	5%
End Semester	End Semester	EE	70%
Examination	Examination		
Total			100%

R. Syllabus

Module – I

INTRODUCTION TO DAY LIGHTING 8 Nature of light – Wavelength, Photometric quantities – intensity, Flux, illumination and luminance, visual efficiency, sources of light, day light factor concept, design sky concept, day lighting requirements.

Module - II

ARTIFICIAL LIGHTING 9 Electric lamps – incandescent, fluorescent, sodium vapour, mercury, halogen and neon. Different types of lights in interior and exterior - task lighting, special purpose lighting. Calculation of artificial lighting, guidelines for lighting design, Glare in artificial lighting.

Module - III

EFFECT OF COLOR IN LIGHTING: Colors, color schemes - Monochromatic, analogous, complementary colour schemes, triadic and tetradic schemes, effects of color in different areas, color temperature, psychological effects of colour in interiors, factors affecting colour, Prang theory – Colour wheel, Munsell system and Oswald system.

Module - IV

LUMINARES & FIXTURES: Definition, different luminaries for lighting, lighting control

system- benefits & application, Impact of lighting, fixture types - free standing or portable, fixed, light fixture control. Lighting accessories- switches, sockets, fused connection units, lamp holders, ceiling roses etc.

Module - V

CASE STUDY

Study of projects based on different lighting concepts used in interiors and exteriors.

Examination Scheme:

Components	Attendance	Mid-Term	Assignment	EE
Weightage (%)	5	10	15	70

CT: Class Test, A: Assignment, S/V/Q: Seminar/Viva/Quiz, EE: End Semester Examination; A: Attendance

- S. Suggested Text/Reference Books:
- 1. Benjamin Evans, "Daylight in Architecture", McGraw-Hill Book Company, Newyork,
- 2. Pritchard, D.C., "Lighting", Longman Scientific & Technical, Harlow. CURRICULUM AND SYLLABUS B. Des (Interior Design) 49
- 3. Medan Mehta. James Johnson, Jorge Rocafort, "Architectural Acoustics: Principles and Design", Prentice-Hall, New York, 1998.

References:

 The Art of living- Randall White 	enead,
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	Lighting	design,	source	DOOK-	Kandali	whiter	nead,	,
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☐ Light right- M.K.Halpeth, T.Senthil kumar, G.Harikumar

☐ Concepts of lighting, Lighting design in Architecture- Torquil Barker

T. Lecture Plan

Lecture	Topics	Mode	Correspon	Mode of
		of	ding CO	Assessing
		Delivery		СО

271.	Wavelength, Photometric	Lecture	CO1	Mid Term-
				1, Quiz &
				End Sem
				Exam
272.	quantities – intensity, Flux,	Lecture	CO1	Mid Term-
2,2.	illumination and luminance,	Lecture		1, Quiz &
	visual efficiency, sources of			End Sem
				Exam
273.	light, day light factor concept,	Lecture	CO1	Mid Term-
273.	design sky concept, day	Lecture	601	1, Quiz &
	lighting requirements.			End Sem
				Exam
274.	Wavelength, Photometric	Lecture	CO1	Mid Term-
2/4.	wavelength, Fliotomethe	Lecture	(01	
				1, Quiz &
				End Sem
275		1 1	604	Exam
275.	quantities – intensity, Flux, illumination and luminance,	Lecture	CO1	Mid Term-
	visual efficiency, sources of			1, Quiz &
	visual efficiency, sources of			End Sem
		_		Exam
276.	light, day light factor concept,	Lecture	CO1	Mid Term-
	design sky concept, day			1, Quiz &
	lighting requirements.			End Sem
				Exam
277.	Wavelength, Photometric	Lecture	CO1	Mid Term-
				1, Quiz &
				End Sem
				Exam
278.	quantities – intensity, Flux,	Lecture	CO1	Mid Term-
	illumination and luminance,			1, Quiz &
	visual efficiency, sources of			End Sem
				Exam
279.	light, day light factor concept,	Lecture	CO1	Mid Term-
	design sky concept, day			1, Quiz &
	lighting requirements.			End Sem
				Exam
280.	ARTIFICIAL LIGHTING 9	Lecture	CO1	Mid Term-
	Electric lamps – incandescent,			1, Quiz &
	fluorescent, sodium vapour,			End Sem
				Exam
281.	mercury, halogen and neon.	Lecture	CO1	Mid Term-
	Different types of lights in			1, Quiz &
	interior and exterior - task			End Sem
				Exam
282.	lighting, special purpose	Lecture	CO1	Mid Term-
	lighting. Calculation of			1, Quiz &
	artificial lighting, guidelines			End Sem
	for			Exam
				1

283.	lighting design, Glare in	Lecture	CO1	Mid Term-
	artificial lighting.			1, Quiz &
				End Sem
				Exam
284.	ARTIFICIAL LIGHTING 9	Lecture	CO1	Mid Term-
	Electric lamps – incandescent,			1, Quiz &
	fluorescent, sodium vapour,			End Sem
				Exam
285.	mercury, halogen and neon.	Lecture	CO1	Mid Term-
	Different types of lights in			1, Quiz &
	interior and exterior - task			End Sem
				Exam
286.	lighting, special purpose	Lecture	CO2	Mid Term-
	lighting. Calculation of			1, Quiz &
	artificial lighting, guidelines			End Sem
	for			Exam
207	lighting design Claus in	l a el	603	
287.	lighting design, Glare in	Lecture	CO2	Mid Term-
	artificial lighting.			1, Quiz &
				End Sem
200	ADTIFICIAL LIQUETING 0			Exam
288.	ARTIFICIAL LIGHTING 9	Lecture	CO2	Mid Term-
	Electric lamps – incandescent, fluorescent, sodium vapour,			1, Quiz &
	iluorescent, sodium vapour,			End Sem
		_		Exam
289.	EFFECT OF COLOR IN	Lecture	CO2	Mid Term-
	LIGHTING: Colors, color			1, Quiz &
	schemes - Monochromatic,			End Sem
	analogous,			Exam
290.	complementary colour	Lecture	CO2	Mid Term-
	schemes, triadic and tetradic			1, Quiz &
	schemes, effects of color in			End Sem
				Exam
291.	different areas, color	Lecture	CO2	Mid Term-
	temperature, psychological			2, Quiz &
	effects of colour in interiors,			End Sem
				Exam
292.	factors affecting colour, Prang	Lecture	CO2	Mid Term-
	theory – Colour wheel,			2, Quiz &
	Munsell system and Oswald			End Sem
				Exam
293.	system.	Lecture	CO2	Mid Term-
				2, Quiz &
				End Sem
				Exam
294.	EFFECT OF COLOR IN	Lecture	CO2	Mid Term-
	LIGHTING: Colors, color			2, Quiz &
	schemes - Monochromatic,			End Sem
	analogous,			Exam

295.	complementary colour	Lecture	CO2	Mid Term-
293.	schemes, triadic and tetradic	Lecture	102	2, Quiz &
	schemes, effects of color in			End Sem
	seriemes, erreets or color in			
200	different cross sale:	1.41	603	Exam
296.	different areas, color	Lecture	CO2	Mid Term-
	temperature, psychological effects of colour in interiors,			2, Quiz &
	effects of colour in interiors,			End Sem
				Exam
297.	factors affecting colour, Prang	Lecture	CO2	Mid Term-
	theory – Colour wheel,			2, Quiz &
	Munsell system and Oswald			End Sem
				Exam
298.	LUMINARES & FIXTURES:	Lecture	CO2	Mid Term-
	Definition, different			2, Quiz &
	luminaries for lighting,			End Sem
	lighting control			Exam
299.	system- benefits &	Lecture	CO2	Mid Term-
233.	application, Impact of	2000010	332	2, Quiz &
	lighting, fixture types - free			End Sem
	standing or			Exam
		_		
300.	portable, fixed, light fixture	Lecture	CO2	Mid Term-
	control. Lighting accessories-			2, Quiz &
	switches, sockets, fused			End Sem
				Exam
301.	connection units, lamp	Lecture	CO3	Mid Term-
	holders, ceiling roses etc.			2, Quiz &
				End Sem
				Exam
302.	LUMINARES & FIXTURES:	Lecture	CO3	Mid Term-
	Definition, different			2, Quiz &
	luminaries for lighting,			End Sem
	lighting control			Exam
303.	system- benefits &	Lecture	CO3	Mid Term-
300.	application, Impact of	2000010		2, Quiz &
	lighting, fixture types - free			End Sem
	standing or			Exam
20.1	namedia C. of Patrick		600	
304.	portable, fixed, light fixture	Lecture	CO3	Mid Term-
	control. Lighting accessories- switches, sockets, fused			2, Quiz &
	Switches, Suckets, Tuseu			End Sem
				Exam
305.	connection units, lamp	Lecture	CO3	Mid Term-
	holders, ceiling roses etc.			2, Quiz &
				End Sem
				Exam
306.	LUMINARES & FIXTURES:	Lecture	CO3	Mid Term-
	Definition, different			2, Quiz &
	luminaries for lighting,			End Sem
	lighting control			Exam

307.	CASE STUDY	Lecture	CO3	Quiz & End Sem Exam
308.	Study of projects based on different lighting concepts used in interiors and exteriors.	Lecture	CO3	Quiz & End Sem Exam
309.	CASE STUDY	Lecture	CO3	Quiz & End Sem Exam
310.	Study of projects based on different lighting concepts used in interiors and exteriors.	Lecture	CO3	Quiz & End Sem Exam
311.	CASE STUDY	Lecture	CO3	Quiz & End Sem Exam
312.	Study of projects based on different lighting concepts used in interiors and exteriors.	Lecture	CO3	Quiz & End Sem Exam
313.	CASE STUDY	Lecture	CO3	Quiz & End Sem Exam
314.	Study of projects based on different lighting concepts used in interiors and exteriors.	Lecture	CO3	Quiz & End Sem Exam
315.	CASE STUDY	Lecture	CO3	Quiz & End Sem Exam

U. Course Articulation Matrix (Mapping of COs with POs)

СО	STATEMENT		CORRELATION WITH PROGRAMME OUTCOMES												CORRELATION WITH PROGRAMME SPECIFIC OUTCOMES					
		Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	PS	PS	PS	PS	PS		
		0	0	0	0	0	0	0	0	0	0	0	О	01	02	03	04	05		
		1	2	3	4	5	6	7	8	9	1	1	1							
											0	1	2							
CO 01	Illustrate the qualities of																			
	natural light and identify																			
	the roles of lighting																			
	system in artificial lighting																			
	also prepare lighting																			
	layouts, specify light,																			

	different type of applications.									
CO 02	To help the student understand day lighting and technology of artificial lighting.									
CO 03	To equip the student to understand and successfully apply lighting techniques with colour effects.									

Sample Question Paper

	Amity School of Architecture & Planning I MID-SEMESTER (SEM –VIII) 2017-2018										
	Class: BID VIII Semester										
Subject Name: BID Lighting in Interior		Time: 2 Hrs			Max. Marks: 30						
Levels of the questions as per Blooms Taxonomy	vels of the Remembering estions as r Blooms		Understanding Applying			Evaluating	Creating				
Question Mapping	Q.1,4	Q.2,3	Q.4	Q.2,5,	6						

Student will be able to

CO1: List the broad perceptive of cloud architecture and model.

CO2: Apply different cloud programming models as per need.

CO Map	Question No.	Question	Marks
CO1	Q.1	Explain in brief the cloud computing concept.	3
	Q.2a	What are the essential characteristics of cloud	3

CO1		computing?	
	Q.2b	How is cloud computing requirements and cloud servicerequirement services related to each other?	3
CO1	Q.3	Sketch NIST Cloud Computing Reference Architecture and depictits elements	6
CO2	Q.4	Explain the significance of Cloud Reference Model	3
CO2	Q.5a	Elaborate different cloud types with example.	3
CO2	Q.5b	Write characteristics of private cloud.	3
CO2	Q 6	How virtualization is applied in cloud computing scenario?	6

Attainmen	ts	Rubric					
Level	1	IF 60% of students secure more than 60% marks then level 1					
Level	2	IF 70% of students secure more than 60% marks then level 2					
Level	3	IF 80% of students secure more than 60% marks then level 3					

Course outcome: Based on internal and external assessment the level of Course outcome attainment of the course BID/Course code BID803 is level 2 for the academic year 2017-2018.



AMITY UNIVERSITY MADHYA PRADESH, GWALIOR AMITY SCHOOL OF ARCHITECTURE AND PLANNING DEPARTMENT OF ARCHITECTURE AND PLANNING

PROGRAMME OUTCOMES AND PROGRAMME SPECIFIC OUTCOMES Bachelor of Interior Design (BID), Academic Year – 2017-2018

Program Outcomes:

- **PO1. Design Knowledge:** Incorporate a global perspective when making design decisions, based on sustainable, socio-economic, and cultural contexts.
- PO2. Problem Analysis: Apply theories of human behaviour to human-centered design solutions.
- **PO3.** Design/Development of Solutions: Apply the design process to generate creative solutions to complex problems optimizing the human experience within the interior environment. Apply theory, psychology, and methodology of color to designs of the interior environment.
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- **PO10.** Environment and Sustainability: Apply principles of lighting, acoustics, thermal comfort, and indoor air quality as required to enhance the health, safety, welfare, and performance of building occupants for overall sustainable development of the individuals.
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PSO2. Demonstrate preparation for global design practice by incorporating cultural norms of user populations and applying that knowledge to design solutions that support globally diverse end users.

PSO3. Demonstrate effective visual, verbal, and written communication.

PSO4. Apply ethical and professional practices.

PSO5. Demonstrate social responsibility by designing sustainable interior environments that support indoor environmental quality and improve the quality of life for occupants.

PSO6. Engage in integrative professional design practice by contributing interior architecture and design expertise to collaborative design teams.

Note: - Correlation levels 1, 2 and 3 as defined below:

1: Slight (Low), 2: Moderate (Medium) and 3: Substantial (High)

If there is no correlation, put "-"

						P	ROG	RAN	1ME	ARTI	CULA	TIOI	N MA	ATRIX	(
SEM	SUBJECT CODE	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12	PO 13	PO 14	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5	PSO 6
	BID101	3	3	3	3	2	1	2	3	3	1	1	3	3	1	3	3	-	-	2	-
	BID102	2	2	3	2	2	1	-		1	2	2	2	-	1	1	3	-	-	-	-
	BID103	2	2	1	-	3	1	2	3	3	2	1	1	2	2	3	3	1	-	-	-
- 1	BID104	1	1	1	2	-	-	-	2	-	-	-	2	-	-	1	1	-	-	-	-
	BID105	3	2	3	2	1	1	2	3	1	2	-	3	-	1	3	3	-	-	2	-
	BID106	-	1	-	-	-	-	3	2	-	-	-	-	-	1	1	1	-	-	-	-
	BID107	3	2	3	3	1	1	3	-	3	3	-	3	2	3	3	3	3	-	-	-
	BID201	3	2	3	3	2	2	2	3	3	1	1	3	3	1	3	3	-	-	2	-
	BID202	3	-	3	2	2	2	-	1	1	1	3	3	2	1	1	2	-	-	-	-
	BID203	2	2	1	1	3	2	2	3	3	2	1	2	2	1	3	3	1	-	2	-
П	BID204	1	3	1	-	-	-	-	1	1	-	-	2	-	1	1	1	-	-	-	-
	BID205	1	-	3	3	1	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-
	BID206	1	1	-	-	-	-	3	3	3	-	-	-	-	-	1	3	-	-	-	-
	BID207	3	-	1	3	1	1	-	1	3	3	3	3	3	3	3	3	3	-	-	-
	BID301	3	3	3	3	2	2	2	3	3	1	1	2	3	1	3	3	-	-	2	-
	BID302	2	-	3	2	2	2	-	1	1	1	2	2	2	1	1	1	-	-	-	-
	BID303	2	2	2	2	-	3	2	-	1	-	-	-	2	-	1	1	-	-	-	-
Ш	BID304	3	3	-	-	3	-	-	3	3	-	-	-	-	-	1	1	-	-	-	-
	BID305	1	-	3	3	1	2	-	-	-	-	-	-	-	-	1	-	-	-	-	-
	BID306	1	1	-	-	2	-	3	3	3	-	-	-	-	-	-	-	-	-	-	-
	BID307	1	3	1	-	3	-	-	3	3	-	-	-	-	3	-	-	-	-	2	-
	BID401	3	3	3	3	2	2	2	3	3	2	1	2	3	1	3	3	-	-	2	-
	BID402	2	1	3	2	2	2	-	1	-	2	1	2	3	1	1	1	-	-	2	-
	BID403	2	2	2	3	1	2	1	1	-	-	-	-	2	-	3	1	-	-	2	-
IV	BID404	3	-	2	3	1	2	1	1	-	1	2	2	2	-	1	1	-	-	2	-
	BID405	3	1	1	1	1	1	-	3	3	3	2	2	1	1	3	3	-	-	-	-
	BID406	3	3	3	3	3	2	3	2	3	3	2	3	-	-	1	3	-	-	2	-
	BID407	3	2	3	3	2	2	2	2	3	3	-	-	-	1	1	3	-	-	-	-
	BID501	3	3	3	3	2	2	2	3	3	3	1	2	3	1	3	1	-	-	2	-
	BID502	2	1	3	2	2	2	1	1	-	1	1	2	3	1	1	1	-	-	-	-
V	BID503	2	1	2	3	-	3	1	1	-	-	3	-	2	3	3	1	-	-	2	-
V	BID504	2	1	1	3	-	3	-	-	-	-	3	-	2	3	3	1	-	-	2	-
	BID505	1	1	-	-	1	-	3	3	3	-	-	1	-	3	1	1	3	-	-	-
	BID506	3	3	3	3	2	2	3	3	2	3	3	3	3	1	3	3	-	-	2	-
	BID601	3	3	3	3	2	2	2	3	3	3	3	1	3	1	3	3	-	-	2	-
	BID602	1	-	3	3	2	2	2	3	3	-	2	1	-	-	3	3	3	-	-	-
	BID603	3	3	2	2	1	1	1	3	3	1	2	2	2	3	3	3	-	-	-	-
VI	BID604	3	2	3	3	2	2	2	3	3	3	2	3	3	-	3	3	-	-	2	-
	BID605	2	-	1	3	-	-	-	-	-	-	-	-	-	3	3	-	-	-	-	-
	BID606	3	2	3	3	1	2	2	3	3	-	3	-	-	-	3	2	-	-	-	-
	BID607	2	3	3	3	1	2	2	3	3	1	-	-	-	3	3	2	-	-	-	-
VII	BID701	3	3	3	3	2	3	1	3	2	1	-	3	3	3	3	ı	-	-	2	-
VIII	BID 801	3	3	3	3	2	2	2	3	3	1	3	2	3	3	3	3	-	-	2	-

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BID 802	-	-	-	-	1	1	-	1	-	-	-	-	3	3	2	3	3	3	-	3
BID 803	1	-	2	1	1	2	-	2	1	-	1	-	2	3	2	1	2	-	-	-
BID 804	3	1	2	2	2	1	-	2	2	1	-	2	-	-	-	1	-	-	-	-
BID 805	1	3	1	1	2	1	2	1	2	1	1	-	2	1	2	-	-	-	-	-

DEPARTMENT OF ARCHITECTURE & PLANNING

Course Handout

Course: Film and Television set design

Course Code: BID 804, Crédits: 03, Session: 2017-2018 (Odd Sem.), Class: BID 4th Year

Faculty Name: Ar. Manish Kumar Chitranshi

Introduction: The course will use a mix of drawings, Presentations & sketching,

Participants are encouraged to engage in active interaction through classroom participation.

V. Course Outcomes: At the end of the course, students will be able to:

CO1: The assignments will present varied design challenges, allowing students to explore theatrical space and to practice developing skills that students can keep in their 'tool kit'.

CO2: By the end of the class, students will be able to communicate their stage designs via storyboards, sketches, orthographic drawings, models, and text. Course Notes Class will begin as an online course using zoom for class sessions.

CO3: Learning and teaching with the help of videos during class. To create awareness and provide exposure about the design potential in theatre & cinema set design to architecture students, to inculcate the ability to translate the requirements of the script to physical manifestations according to the traditions followed in the theatre & cinema industry.

W. Programme Outcomes:

- **PO1. Design Knowledge:** Incorporate a global perspective when making design decisions, based on sustainable, socio-economic, and cultural contexts.
- PO2. Problem Analysis: Apply theories of human behaviour to human-centered design solutions.
- **PO3. Design/Development of Solutions:** Apply the design process to generate creative solutions to complex problems optimizing the human experience within the interior environment. Apply theory, psychology, and methodology of color to designs of the interior environment.
- **PO4. Individual and Team Work:** Collaborate in multi-disciplinary teams respecting a variety of points of view and perspectives that enrich the process and product of the team.

- **PO5. Communication:** Communicate complex ideas clearly to specialists and non-specialists through appropriate oral, written, and representational media.
- **PO6. Life Long Learning:** Exemplify accepted standards of professionalism and business practice including a commitment to engage in lifelong learning.
- **PO7. Context and Society:** Analyze interiors, architecture, the decorative arts, and art within a historical and cultural context to inform contemporary design solutions that relate with the society for whom the design solution is to be provided.
- **PO8. Synthesis of Concepts:** Synthesize theories and concepts of spatial definition and organization into multi-dimensional design solutions.
- **PO9. Modern Technique usage:** Specify furniture, fixtures, and equipment's of finish materials to meet the design criteria for a variety of interior spaces.
- **PO10. Environment and Sustainability:** Apply principles of lighting, acoustics, thermal comfort, and indoor air quality as required to enhance the health, safety, welfare, and performance of building occupants for overall sustainable development of the individuals.
- **PO11. Ethics:** Comply with laws, codes, and standards that impact fire safety and life safety.
- **PO12. Project/Construction Management:** Produce construction drawings and documents using industry standards for a variety of interior spaces. Employ environment-behaviour research methodologies to address open-ended problems in interior design.

X. Programme Specific Outcomes:

As part of the school's charter and mission, Amity School of Architecture and Planning is providing a vibrant planning environment, ensuring its under-graduates are not only valued by the planning practice, but are also able to:

- **PSO1.** Demonstrate critical thinking as they identify, analyze, and solve interior architecture and design problems through completion of interior design studio projects. Apply creative and critical thinking to solve interior environment problems from a human-cantered approach and apply this knowledge to design solutions.
- **PSO2.** Demonstrate preparation for global design practice by incorporating cultural norms of user populations and applying that knowledge to design solutions that support globally diverse end users.
- **PSO3.** Demonstrate effective visual, verbal, and written communication.
- **PSO4.** Apply ethical and professional practices.
- **PSO5.** Demonstrate social responsibility by designing sustainable interior environments that support indoor environmental quality and improve the quality of life for occupants.
- **PSO6.** Engage in integrative professional design practice by contributing interior architecture and design expertise to collaborative design teams.

Assessment Plan:

Component of	Description	Code	Weightage

Evaluation			%
Continuous Internal	Mid Term	СТ	10%
Evaluation	Seminar/Quiz/ Assignment	S/Q/A	15%
Attendance	A minimum of 75% Attendance is required to be maintained by a studentto be qualified for taking up the End Semester examination. The allowance of 25% includes all types of leaves including medical leaves.	A	5%
End Semester Examination	End Semester Examination	EE	70%
Total			100%

Y. Syllabus

Module - I Film and Society

Examination of the 20th century culture and society through film. Critical analysis of cultural and social conflicts are portrayed and worked out in popular films, and examination of how motion pictures create a window into modern society. Film as cultural text to better understand history and cultural manifestations.

Module – II History and Theater Film Set Design

Investigation the production methods, dramatic theory and conventions, and scene design of various performance media since the popularization of the motion picture, and how it has influenced all entertainment design in the 20th and 21st centuries.

Module – Graphic Design and Typography for Exhibit Design

Principles of layout for creating effective visual signage and explore the unique problems, technique, theory, and approaches of signage in film, theatre, and other forms of mediated exhibition. Introduction to the design applications for building signage.

Module - Set Design and Concept Wrap

Introduction to the basic concepts, through theory and practice, of scene design in theatre, film, and other fine arts and entertainment media. Students will learn how

to analyze scripts for proper scenery, how to conceptualize designs that will translate into actual sets, and develop visual thinking within the creative process.

Module – Stage Design

Stage design process from inception to performance, script analysis, visual arts analysis, research skills, and the application of principles and elements of design. Understanding stage setting through language, color, and architectural analysis.

Examination Scheme:

Components	Attendance	Mid-Term	Assignment	EE
Weightage (%)	5	10	15	70

CT: Class Test, A: Assignment, S/V/Q: Seminar/Viva/Quiz, EE: End Semester Examination; A: Attendance **Text Reading:**

- Model Making: Materials & Methods by David Neat
- Designer Drafting and Visualization, 2nd Edition by Patricia Woodbridge
- Theatrical Design & Production, 7th ed. by J. Michael Gilette (already purchased for 131/132ab)
- Sculpting Space in the Theater by Babak Ebrahimian

References:

- Baiche Bousmaha & Walliman Nicholas. Neufert Architect's data. Blackwell science ltd.
- Chiara De Joseph & crosbie.J.Michael. 1990. Time saver standards for building types.

McGraw Hill company

Z. Lecture Plan

Lecture	Topics	Mode of Delivery	Correspon ding CO	Mode of Assessing CO
316.	Examination of the 20th century culture and society through film. Critical analysis of	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam

317.	cultural and social conflicts	Lecture	CO1	Mid Term-
	are portrayed and worked out			1, Quiz &
	in popular films, and			End Sem
				Exam
318.	examination of how motion	Lecture	CO1	Mid Term-
	pictures create a window into			1, Quiz &
	modern society. Film as			End Sem
				Exam
319.	cultural text to better understand	Lecture	CO1	Mid Term-
	history and cultural			1, Quiz &
	manifestations.			End Sem
				Exam
320.	Examination of the 20th	Lecture	CO1	Mid Term-
	century culture and society			1, Quiz &
	through film. Critical analysis			End Sem
	of			Exam
321.	cultural and social conflicts	Lecture	CO1	Mid Term-
	are portrayed and worked out			1, Quiz &
	in popular films, and			End Sem
				Exam
322.	examination of how motion	Lecture	CO1	Mid Term-
	pictures create a window into			1, Quiz &
	modern society. Film as			End Sem
				Exam
323.	cultural text to better	Lecture	CO1	Mid Term-
	understand history and			1, Quiz &
	cultural manifestations.			End Sem
				Exam
324.	Examination of the 20th	Lecture	CO1	Mid Term-
	century culture and society			1, Quiz &
	through film. Critical analysis			End Sem
	of			Exam
325.	Investigation the production	Lecture	CO1	Mid Term-
	methods, dramatic theory			1, Quiz &
	and conventions, and scene			End Sem
				Exam
326.	design of various	Lecture	CO1	Mid Term-
	performance media since the			1, Quiz &
	popularization of the motion			End Sem
	picture,			Exam
327.	and how it has influenced all	Lecture	CO1	Mid Term-
	entertainment design in the			1, Quiz &
	20th and 21st centuries.			End Sem
				Exam
328.	Investigation the production	Lecture	CO1	Mid Term-
	methods, dramatic theory			1, Quiz &
	and conventions, and scene			End Sem
				Exam

329.	design of various	Locturo	CO1	Mid Term-
329.	performance media since the	Lecture	(01	
	·			1, Quiz &
	popularization of the motion			End Sem
	picture,			Exam
330.	and how it has influenced all	Lecture	CO1	Mid Term-
	entertainment design in the			1, Quiz &
	20th and 21st centuries.			End Sem
				Exam
331.	Investigation the production	Lecture	CO2	Mid Term-
	methods, dramatic theory			1, Quiz &
	and conventions, and scene			End Sem
				Exam
332.	design of various	Lecture	CO2	Mid Term-
	performance media since the			1, Quiz &
	popularization of the motion			End Sem
	picture,			Exam
222	and how it has influenced all	Locking	603	-
333.	entertainment design in the	Lecture	CO2	Mid Term-
	20th and 21st centuries.			1, Quiz &
	Zoth and Zist centuries.			End Sem
22.4	Birdin of head for			Exam
334.	Principles of layout for	Lecture	CO2	Mid Term-
	creating effective visual			1, Quiz &
	signage and explore the			End Sem
	unique			Exam
335.	problems, technique, theory,	Lecture	CO2	Mid Term-
	and approaches of signage in			1, Quiz &
	film, theatre, and other			End Sem
				Exam
336.	forms of mediated exhibition.	Lecture	CO2	Mid Term-
	Introduction to the design			2, Quiz &
	applications for building			End Sem
				Exam
337.	signage.	Lecture	CO2	Mid Term-
				2, Quiz &
				End Sem
				Exam
338.	Principles of layout for	Lecture	CO2	Mid Term-
	creating effective visual			2, Quiz &
	signage and explore the			End Sem
	unique			Exam
339.	problems, technique, theory,	Loctura	CO2	
JJJ.	and approaches of signage in	Lecture	CO2	Mid Term-
	film, theatre, and other			2, Quiz &
	mm, theatre, and other			End Sem
2.42	famous of an alternative at 1999	<u>.</u>	600	Exam
340.	forms of mediated exhibition.	Lecture	CO2	Mid Term-
	Introduction to the design			2, Quiz &
	applications for building			End Sem
				Exam

341.	signage.	Lecture	CO2	Mid Term- 2, Quiz & End Sem Exam
342.	Principles of layout for creating effective visual signage and explore the unique	Lecture	CO2	Mid Term- 2, Quiz & End Sem Exam
343.	Introduction to the basic concepts, through theory and practice, of scene design in	Lecture	CO2	Mid Term- 2, Quiz & End Sem Exam
344.	theatre, film, and other fine arts and entertainment media. Students will learn how	Lecture	CO2	Mid Term- 2, Quiz & End Sem Exam
345.	to analyze scripts for proper scenery, how to conceptualize designs that will	Lecture	CO2	Mid Term- 2, Quiz & End Sem Exam
346.	translate into actual sets, and develop visual thinking within the creative process.	Lecture	CO3	Mid Term- 2, Quiz & End Sem Exam
347.	Introduction to the basic concepts, through theory and practice, of scene design in	Lecture	CO3	Mid Term- 2, Quiz & End Sem Exam
348.	theatre, film, and other fine arts and entertainment media. Students will learn how	Lecture	CO3	Mid Term- 2, Quiz & End Sem Exam
349.	to analyze scripts for proper scenery, how to conceptualize designs that will	Lecture	CO3	Mid Term- 2, Quiz & End Sem Exam
350.	translate into actual sets, and develop visual thinking within the creative process.	Lecture	CO3	Mid Term- 2, Quiz & End Sem Exam
351.	Introduction to the basic concepts, through theory and practice, of scene design in	Lecture	CO3	Mid Term- 2, Quiz & End Sem Exam
352.	Stage design process from inception to performance, script analysis, visual arts	Lecture	CO3	Quiz & End Sem Exam

353.	analysis, research skills, and the application of principles and elements of design.	Lecture	CO3	Quiz & End Sem Exam
354.	Understanding stage setting through language, color, and architectural analysis.	Lecture	CO3	Quiz & End Sem Exam
355.	Stage design process from inception to performance, script analysis, visual arts	Lecture	CO3	Quiz & End Sem Exam
356.	analysis, research skills, and the application of principles and elements of design.	Lecture	CO3	Quiz & End Sem Exam
357.	Understanding stage setting through language, color, and architectural analysis.	Lecture	CO3	Quiz & End Sem Exam
358.	Stage design process from inception to performance, script analysis, visual arts	Lecture	CO3	Quiz & End Sem Exam
359.	analysis, research skills, and the application of principles and elements of design.	Lecture	CO3	Quiz & End Sem Exam
360.	Understanding stage setting through language, color, and architectural analysis.	Lecture	CO3	Quiz & End Sem Exam

AA.Course Articulation Matrix (Mapping of COs with POs)

СО	STATEMENT		CORRELATION WITH PROGRAMME				CORRELATION WITH												
			OUTCOMES				PROGRAMME												
														SPECIFIC OUTCOMES					
		Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	PS	PS	PS	PS	PS	
		0	0	О	О	О	О	О	0	О	0	0	0	01	02	03	04	05	
		1	2	3	4	5	6	7	8	9	1	1	1						
											0	1	2						
CO 01	Illustrate the qualities of																		
	natural light and identify																		
	the roles of lighting																		
	system in artificial lighting																		
	also prepare lighting																		
	layouts, specify light,																		
	different type of																		
	applications.																		

CO 02	To help the student understand day lighting and technology of artificial lighting.									
CO 03	To equip the student to understand and successfully apply lighting techniques with colour effects.									

Sample Question Paper

Amity School of Architecture & Planning I MID-SEMESTER (SEM –VIII) 2017-2018								
Class: BID VIII Semester								
Subject Name: BID Film and Television		Time: 2 Hrs			Max. Marks: 30			
Levels of the questions as per Blooms Taxonomy	Remembering	Understanding	Applying	Analyz	zing	Evaluating	Creating	
Question Mapping	Q.1,4	Q.2,3	Q.4	Q.2,5,	6			

Student will be able to

CO1: List the broad perceptive of cloud architecture and model.

CO2: Apply different cloud programming models as per need.

CO Map	Question No.	Question	Marks
CO1	Q.1	Explain in brief the cloud computing concept.	3
CO1	Q.2a	What are the essential characteristics of cloud computing?	3
	Q.2b	How is cloud computing requirements and cloud servicerequirement services related to each other?	3

CO1	Q.3	Sketch NIST Cloud Computing Reference Architecture and depictits elements	6
CO2	Q.4	Explain the significance of Cloud Reference Model	3
602	Q.5a	Elaborate different cloud types with example.	3
CO2	Q.5b	Write characteristics of private cloud.	3
CO2	Q6	How virtualization is applied in cloud computing scenario?	6

Attainment	is	Rubric
Level	1	IF 60% of students secure more than 60% marks then level 1
Level	2	IF 70% of students secure more than 60% marks then level 2
Level	3	IF 80% of students secure more than 60% marks then level 3

Course outcome: Based on internal and external assessment the level of Course outcome attainment of the course BID/Course code BID 804 is level 1 for the academic year 2017-2018.



AMITY UNIVERSITY MADHYA PRADESH, GWALIOR AMITY SCHOOL OF ARCHITECTURE AND PLANNING DEPARTMENT OF ARCHITECTURE AND PLANNING

PROGRAMME OUTCOMES AND PROGRAMME SPECIFIC OUTCOMES Bachelor of Interior Design (BID), Academic Year – 2017-2018

Program Outcomes:

- **PO1. Design Knowledge:** Incorporate a global perspective when making design decisions, based on sustainable, socio-economic, and cultural contexts.
- PO2. Problem Analysis: Apply theories of human behaviour to human-centered design solutions.
- **PO3.** Design/Development of Solutions: Apply the design process to generate creative solutions to complex problems optimizing the human experience within the interior environment. Apply theory, psychology, and methodology of color to designs of the interior environment.
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- PO11. Ethics: Comply with laws, codes, and standards that impact fire safety and life safety.

PO12. Project/Construction Management: Produce construction drawings and documents using industry standards for a variety of interior spaces. Employ environment-behaviour research methodologies to address open-ended problems in interior design.

Program Specific Outcome:

As part of the school's charter and mission, Amity School of Architecture and Planning is providing a vibrant planning environment, ensuring its under-graduates are not only valued by the planning practice, but are also able to:

PSO1. Demonstrate critical thinking as they identify, analyze, and solve interior architecture and design problems through completion of interior design studio projects. Apply creative and critical thinking to solve interior environment problems from a human-cantered approach and apply this knowledge to design solutions.

PSO2. Demonstrate preparation for global design practice by incorporating cultural norms of user populations and applying that knowledge to design solutions that support globally diverse end users.

PSO3. Demonstrate effective visual, verbal, and written communication.

PSO4. Apply ethical and professional practices.

PSO5. Demonstrate social responsibility by designing sustainable interior environments that support indoor environmental quality and improve the quality of life for occupants.

PSO6. Engage in integrative professional design practice by contributing interior architecture and design expertise to collaborative design teams.

Note: - Correlation levels 1, 2 and 3 as defined below:

1: Slight (Low), 2: Moderate (Medium) and 3: Substantial (High)

If there is no correlation, put "-"

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SEM	SUBJECT CODE	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12	PO 13	PO 14	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5	PSO 6
	BID101	3	3	3	3	2	1	2	3	3	1	1	3	3	1	3	3	-	-	2	-
	BID102	2	2	3	2	2	1	-		1	2	2	2	-	1	1	3	-	-	-	-
	BID103	2	2	1	-	3	1	2	3	3	2	1	1	2	2	3	3	1	-	-	-
1	BID104	1	1	1	2	-	-	-	2	-	-	-	2	-	-	1	1	-	-	-	-
	BID105	3	2	3	2	1	1	2	3	1	2	-	3	-	1	3	3	-	-	2	-
	BID106	-	1	-	-	-	-	3	2	-	-	-	-	-	1	1	1	-	-	-	-
	BID107	3	2	3	3	1	1	3	-	3	3	-	3	2	3	3	3	3	-	-	-
	BID201	3	2	3	3	2	2	2	3	3	1	1	3	3	1	3	3	-	-	2	-
	BID202	3	-	3	2	2	2	-	1	1	1	3	3	2	1	1	2	-	-	-	-
	BID203	2	2	1	1	3	2	2	3	3	2	1	2	2	1	3	3	1	-	2	-
Ш	BID204	1	3	1	-	-	-	-	1	1	-	-	2	-	1	1	1	-	-	-	-
	BID205	-	-	3	3	1	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-
	BID206	-	1	-	-	-	-	3	3	3	-	-	-	-	-	1	3	-	-	-	-
	BID207	3	-	1	3	1	1	-	1	3	3	3	3	3	3	3	3	3	-	-	-
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	BID302	2	-	3	2	2	2	-	1	1	1	2	2	2	1	1	1	-	-	-	-
	BID303	2	2	2	2	-	3	2	-	1	-	-	-	2	-	1	1	-	-	-	-
Ш	BID304	3	3	-	-	3	-	-	3	3	-	-	-	-	-	1	1	-	-	-	-
	BID305	-	-	3	3	1	2	-	-	-	-	-	-	-	-	1	-	-	-	-	-
	BID306	-	1	-	-	2	-	3	3	3	-	-	-	-	-	-	-	-	-	-	-
	BID307	1	3	1	-	3	-	-	3	3	-	-	-	-	3	-	-	-	-	2	-
	BID401	3	3	3	3	2	2	2	3	3	2	1	2	3	1	3	3	-	-	2	-
	BID402	2	1	3	2	2	2	-	1	-	2	1	2	3	1	1	1	-	-	2	-
	BID403	2	2	2	3	1	2	1	1	-	-	-	-	2	-	3	1	-	-	2	-
IV	BID404	3	-	2	3	1	2	1	1	-	1	2	2	2	-	1	1	-	-	2	-
	BID405	3	1	1	1	1	1	-	3	3	3	2	2	1	1	3	3	-	-	-	-
	BID406	3	3	3	3	3	2	3	2	3	3	2	3	-	-	1	3	-	-	2	1
	BID407	3	2	3	3	2	2	2	2	3	3	-	-	-	1	1	3	-	-	-	1
	BID501	3	3	3	3	2	2	2	3	3	3	1	2	3	1	3	1	-	-	2	-
	BID502	2	1	3	2	2	2	1	1	-	1	1	2	3	1	1	1	-	-	-	1
V	BID503	2	1	2	3	-	3	1	1	-	-	3	-	2	3	3	1	-	-	2	1
V	BID504	2	1	1	3	-	3	-	-	-	-	3	-	2	3	3	1	-	-	2	-
	BID505	1	1	-	-	1	-	3	3	3	-	ı	1	-	3	1	1	3	-	-	1
	BID506	3	3	3	3	2	2	3	3	2	3	3	3	3	1	3	3	-	-	2	1
	BID601	3	3	3	3	2	2	2	3	3	3	3	1	3	1	3	3	-	-	2	1
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	BID603	3	3	2	2	1	1	1	3	3	1	2	2	2	3	3	3	-	-	-	-
VI	BID604	3	2	3	3	2	2	2	3	3	3	2	3	3	-	3	3	-	-	2	-
	BID605	2	-	1	3	-	-	-	-	-	-	-	-	-	3	3	-	-	-	-	-
	BID606	3	2	3	3	1	2	2	3	3	-	3	-	-	-	3	2	-	-	-	-
	BID607	2	3	3	3	1	2	2	3	3	1	i	-	-	3	3	2	-	-	-	-
VII	BID701	3	3	3	3	2	3	1	3	2	1	1	3	3	3	3	ı	-	-	2	ı
VIII	BID 801	3	3	3	3	2	2	2	3	3	1	3	2	3	3	3	3	-	-	2	-

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BID 802	-	-	-	-	1	1	-	1	-	-	-	-	3	3	2	3	3	3	-	3
BID 803	1	-	2	1	1	2	-	2	1	-	1	-	2	3	2	1	2	-	-	-
BID 804	3	1	2	2	2	1	-	2	2	1	-	2	-	-	-	1	-	-	-	-
BID 805	1	3	1	1	2	1	2	1	2	1	1	-	2	1	2	-	-	-	-	-

DEPARTMENT OF ARCHITECTURE & PLANNING

Course Handout

Course: Vastushastra in Interior Design (Elective IV)

Course Code: BID 805, Crédits: 03, Session: 2017-2018 (Odd Sem.), Class: BID 4th Year Faculty Name: Ar. Manish Kumar Chitranshi

Introduction: The course will use a mix of drawings, Presentations & sketching,

Participants are encouraged to engage in active interaction through classroom participation.

BB. Course Outcomes: At the end of the course, students will be able to:

CO1: Illustrate the use of vastu shastra and develop skills for various vastu features. Students will learn various ways to style the Interiors with respect to vastu shastra and adapt that restricted space to the concepts of Vastu Shastra.

CO2: To focus on the presentational skills of the students to express their vastushastra

understanding.

CO3: To explore various aspects and elements of vastushastra involved in design field, their usage in day to day life and try their hands on different aspects of vastushastra.

CC. Programme Outcomes:

- **PO1. Design Knowledge:** Incorporate a global perspective when making design decisions, based on sustainable, socio-economic, and cultural contexts.
- **PO2. Problem Analysis:** Apply theories of human behaviour to human-centered design solutions.
- **PO3. Design/Development of Solutions:** Apply the design process to generate creative solutions to complex problems optimizing the human experience within the interior environment. Apply theory, psychology, and methodology of color to designs of the interior environment.
- **PO4. Individual and Team Work:** Collaborate in multi-disciplinary teams respecting a variety of points of view and perspectives that enrich the process and product of the team.
- **PO5. Communication:** Communicate complex ideas clearly to specialists and non-specialists through appropriate oral, written, and representational media.
- **PO6. Life Long Learning:** Exemplify accepted standards of professionalism and business practice including a commitment to engage in lifelong learning.
- **PO7. Context and Society:** Analyze interiors, architecture, the decorative arts, and art within a historical and cultural context to inform contemporary design solutions that relate with the society for whom the design solution is to be provided.
- **PO8. Synthesis of Concepts:** Synthesize theories and concepts of spatial definition and organization into multi-dimensional design solutions.
- **PO9. Modern Technique usage:** Specify furniture, fixtures, and equipment's of finish materials to meet the design criteria for a variety of interior spaces.
- **PO10. Environment and Sustainability:** Apply principles of lighting, acoustics, thermal comfort, and indoor air quality as required to enhance the health, safety, welfare, and performance of building occupants for overall sustainable development of the individuals.
- **PO11. Ethics:** Comply with laws, codes, and standards that impact fire safety and life safety.
- **PO12. Project/Construction Management:** Produce construction drawings and documents using industry standards for a variety of interior spaces. Employ environment-behaviour research methodologies to address open-ended problems in interior design.

DD. Programme Specific Outcomes:

As part of the school's charter and mission, Amity School of Architecture and Planning is providing a vibrant planning environment, ensuring its undergraduates are not only valued by the planning practice, but are also able to:

- **PSO1.** Demonstrate critical thinking as they identify, analyze, and solve interior architecture and design problems through completion of interior design studio projects. Apply creative and critical thinking to solve interior environment problems from a human-cantered approach and apply this knowledge to design solutions.
- **PSO2.** Demonstrate preparation for global design practice by incorporating cultural norms of user populations and applying that knowledge to design solutions that support globally diverse end users.
- **PSO3.** Demonstrate effective visual, verbal, and written communication.
- **PSO4.** Apply ethical and professional practices.
- **PSO5.** Demonstrate social responsibility by designing sustainable interior environments that support indoor environmental quality and improve the quality of life for occupants.
- **PSO6.** Engage in integrative professional design practice by contributing interior architecture and design expertise to collaborative design teams.

Assessment Plan:

Component	Description	Code	Weightage
of Evaluation			%
Continuous Internal	Mid Term	СТ	10%
Evaluation	Seminar/Quiz/ Assignment	S/Q/A	15%
Attendance	A minimum of 75% Attendance is required to be maintained by a studentto be qualified for taking up the End Semester examination. The allowance of 25% includes all types of leaves including medical leaves.	A	5%
End Semester Examination	End Semester Examination	EE	70%
Total			100%

EE. Syllabus

Module - I

INTRODUCTION TO VASTUSHASTRA – Implementation of Vastu techniques;

Elements of Vastushastra based on directions and building materials

Module – II

PRINCIPLES OF VASTUSHASTRA – Vastupurush Mandala; Doctrine of Orientation,
Site Planning, Proportionate Measurement, Six Rules of Vedic Architecture,
Aesthetics of the building

Module – III

IMPORTANCE OF VASTUSHASTRA: Site Orientation, Site Planning, Proportion,

Dimension, Aesthetics: 'Chanda – aesthetics/form', Direction

Module - IV

APPLICATION AND IMPLEMENTAION OF VASTU PRINCIPLES IN INTERIOR DESIGN OF

SPACES: Placement of various items- household accessories, arrangement of furniture and furnishing, household equipment and materials; Use of Vastu compass; Colors, color schemes - Monochromatic, analogous, complementary colour schemes, vastu remedies for various spaces in residential spaces; Psychological and Physiological effect of vastu application on home dwellers

Module – V

CASE STUDY

Study of projects based on the use of vastushastra in interior design.

Examination Scheme:

Components	Attendance	Mid-Term	Assignment	EE
Weightage (%)	5	10	15	70

CT: Class Test, A: Assignment, S/V/Q: Seminar/Viva/Quiz, EE: End Semester Examination; A: Attendance

Text Reading:

- 1. JC Chaudhary, "Fundamentals of Vastu book"
- 2. Robert E. Svoboda, "Vastu breathing life into space", 10 October, 2020

Reference:

- Vastu Secrets in Modern Times
- Vastu Shastra: A beginners guide for Interior Designers

FF. Lecture Plan

Lecture	Topics	Mode of Delivery	Correspon ding CO	Mode of Assessing CO
361.	INTRODUCTION TO VASTUSHASTRA – Implementation of Vastu techniques;	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
362.	Elements of Vastushastra based on directions and building materials	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
363.	INTRODUCTION TO VASTUSHASTRA – Implementation of Vastu techniques;	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
364.	Elements of Vastushastra based on directions and building materials	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
365.	INTRODUCTION TO VASTUSHASTRA – Implementation of Vastu techniques;	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam

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367.	INTRODUCTION TO VASTUSHASTRA – Implementation of Vastu techniques;	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
368.	Elements of Vastushastra based on directions and building materials	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
369.	INTRODUCTION TO VASTUSHASTRA – Implementation of Vastu techniques;	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
370.	PRINCIPLES OF VASTUSHASTRA – Vastupurush Mandala; Doctrine of Orientation,	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
371.	Site Planning, Proportionate Measurement, Six Rules of Vedic Architecture,	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
372.	Aesthetics of the building	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
373.	PRINCIPLES OF VASTUSHASTRA – Vastupurush Mandala; Doctrine of Orientation,	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
374.	Site Planning, Proportionate Measurement, Six Rules of Vedic Architecture,	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
375.	Aesthetics of the building	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
376.	PRINCIPLES OF VASTUSHASTRA — Vastupurush Mandala; Doctrine of Orientation,	Lecture	CO2	Mid Term- 1, Quiz & End Sem Exam

377.	Site Planning, Proportionate	Lecture	CO2	Mid Term-
	Measurement, Six Rules of	200000		1, Quiz &
	Vedic Architecture,			End Sem
				Exam
378.	Aesthetics of the building	Lecture	CO2	Mid Term-
				1, Quiz &
				End Sem
				Exam
379.	IMPORTANCE OF	Lecture	CO2	Mid Term-
	VASTUSHASTRA: Site Orientation, Site Planning,			1, Quiz &
	Proportion,			End Sem
	Troportion,			Exam
380.	Dimension, Aesthetics:	Lecture	CO2	Mid Term-
	'Chanda – aesthetics/form',			1, Quiz &
	Direction			End Sem
				Exam
381.	IMPORTANCE OF	Lecture	CO2	Mid Term-
	VASTUSHASTRA: Site Orientation, Site Planning,			2, Quiz &
	Proportion,			End Sem
				Exam
382.	Dimension, Aesthetics:	Lecture	CO2	Mid Term-
	'Chanda – aesthetics/form',			2, Quiz &
	Direction			End Sem
				Exam
383.	IMPORTANCE OF	Lecture	CO2	Mid Term-
	VASTUSHASTRA: Site Orientation, Site Planning,			2, Quiz &
	Proportion,			End Sem
				Exam
384.	Dimension, Aesthetics:	Lecture	CO2	Mid Term-
	'Chanda – aesthetics/form', Direction			2, Quiz &
	Direction			End Sem
205	INADODTANICE OF	1 1	602	Exam
385.	IMPORTANCE OF VASTUSHASTRA: Site	Lecture	CO2	Mid Term-
	Orientation, Site Planning,			2, Quiz &
	Proportion,			End Sem
				Exam
386.	Dimension, Aesthetics:	Lecture	CO2	Mid Term-
	'Chanda – aesthetics/form', Direction			2, Quiz &
	Direction			End Sem
207	IMADORTANICE OF	1	603	Exam
387.	IMPORTANCE OF VASTUSHASTRA: Site	Lecture	CO2	Mid Term-
	Orientation, Site Planning,			2, Quiz & End Sem
	Proportion,			End Sem Exam
				LAGIII

388.	APPLICATION AND IMPLEMENTAION OF VASTU PRINCIPLES IN INTERIOR DESIGN OF	Lecture	CO2	Mid Term- 2, Quiz & End Sem Exam
389.	SPACES: Placement of various items- household accessories, arrangement of	Lecture	CO2	Mid Term- 2, Quiz & End Sem Exam
390.	furniture and furnishing, household equipment and materials; Use of Vastu	Lecture	CO2	Mid Term- 2, Quiz & End Sem Exam
391.	compass; Colors, color schemes - Monochromatic, analogous, complementary	Lecture	CO3	Mid Term- 2, Quiz & End Sem Exam
392.	colour schemes, vastu remedies for various spaces in residential spaces;	Lecture	CO3	Mid Term- 2, Quiz & End Sem Exam
393.	Psychological and Physiological effect of vastu application on home dwellers	Lecture	CO3	Mid Term- 2, Quiz & End Sem Exam
394.	APPLICATION AND IMPLEMENTAION OF VASTU PRINCIPLES IN INTERIOR DESIGN OF	Lecture	CO3	Mid Term- 2, Quiz & End Sem Exam
395.	SPACES: Placement of various items- household accessories, arrangement of	Lecture	CO3	Mid Term- 2, Quiz & End Sem Exam
396.	furniture and furnishing, household equipment and materials; Use of Vastu	Lecture	CO3	Mid Term- 2, Quiz & End Sem Exam
397.	Study of projects based on the use of vastushastra in interior design.	Lecture	CO3	Quiz & End Sem Exam
398.	Study of projects based on the use of vastushastra in interior design.	Lecture	CO3	Quiz & End Sem Exam

399.	Study of projects based on the use of vastushastra in interior design.	Lecture	CO3	Quiz & End Sem Exam
400.	Study of projects based on the use of vastushastra in interior design.	Lecture	CO3	Quiz & End Sem Exam
401.	Study of projects based on the use of vastushastra in interior design.	Lecture	CO3	Quiz & End Sem Exam
402.	Study of projects based on the use of vastushastra in interior design.	Lecture	CO3	Quiz & End Sem Exam
403.	Study of projects based on the use of vastushastra in interior design.	Lecture	CO3	Quiz & End Sem Exam
404.	Study of projects based on the use of vastushastra in interior design.	Lecture	CO3	Quiz & End Sem Exam
405.	Study of projects based on the use of vastushastra in interior design.	Lecture	CO3	Quiz & End Sem Exam

GG. Course Articulation Matrix (Mapping of COs with POs)

СО	STATEMENT		CORRELATION WITH PROGRAMME									CORRELATION WITH						
						OUT	CON	1ES						PRO	GRAM	IME		
											SPEC	IFIC C	UTCC	MES				
		Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	PS	PS	PS	PS	PS
		0	0	0	0	0	0	0	0	0	0	0	-		02	03	04	05
		1	2	3	4	5	6	7	8	9	1	1	1	01	02		• •	
		_	_		•			'			0	1	2					
CO 01	Illustrate the use of vastu																	
	shastra and develop skills																	
	for various vastu features																	
	Students will learn various																	
	ways to style the Interiors																	
	with respect to vastu																	
	shastra and adapt that																	
	restricted space to the																	
	concepts of Vastu Shastra																	

CO 02	To focus on the presentational skills of the students to express their vastushastra understanding.									
CO 03	To explore various aspects and elements of vastushastra involved in design field, their usage in day to day life and try their hands on different aspects of vastushastra.									

Sample Question Paper

	Amity School of Architecture & Planning I MID-SEMESTER (SEM –VIII) 2017-2018										
Class: BID VIII Semester											
Subject Name: BIE Vastushastra in Into (Elective IV)		Time: 2 Hrs			Ma	x. Marks: 30					
Levels of the questions as per Blooms Taxonomy	Remembering	Understanding	Applying	Analyz	ing	Evaluating	Creating				
Question Mapping	Q.1,4	Q.2,3	Q.4	Q.2,5,6	ô						

Student will be able to

CO1: List the broad perceptive of cloud architecture and model.

CO2: Apply different cloud programming models as per need.

CO Map	Question No.	Question	Marks
CO1	Q.1	Explain in brief the cloud computing concept.	3
CO1	Q.2a	What are the essential characteristics of cloud computing?	3
	Q.2b	How is cloud computing requirements and cloud servicerequirement services related to each other?	3
CO1	Q.3	Sketch NIST Cloud Computing Reference Architecture and depictits elements	6
CO2	Q.4	Explain the significance of Cloud Reference Model	3
603	Q.5a	Elaborate different cloud types with example.	3
CO2	Q.5b	Write characteristics of private cloud.	3
CO2	Q 6	How virtualization is applied in cloud computing scenario?	6

Attainments		Rubric					
Level	1	IF 60% of students secure more than 60% marks then level 1					
Level	2	IF 70% of students secure more than 60% marks then level 2					
Level	3	IF 80% of students secure more than 60% marks then level 3					

Course outcome: Based on internal and external assessment the level of Course outcome attainment of the course BID/Course code BID 805 is level 1 for the academic year BID 2017-2018.



AMITY UNIVERSITY MADHYA PRADESH, GWALIOR AMITY SCHOOL OF ARCHITECTURE AND PLANNING DEPARTMENT OF ARCHITECTURE AND PLANNING

PROGRAMME OUTCOMES AND PROGRAMME SPECIFIC OUTCOMES Bachelor of Interior Design (BID), Academic Year – 2018-2019

Program Outcomes:

- **PO1. Design Knowledge:** Incorporate a global perspective when making design decisions, based on sustainable, socio-economic, and cultural contexts.
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Program Specific Outcome:

As part of the school's charter and mission, Amity School of Architecture and Planning is providing a vibrant planning environment, ensuring its under-graduates are not only valued by the planning practice, but are also able to:

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PSO2. Demonstrate preparation for global design practice by incorporating cultural norms of user populations and applying that knowledge to design solutions that support globally diverse end users.

PSO3. Demonstrate effective visual, verbal, and written communication.

PSO4. Apply ethical and professional practices.

PSO5. Demonstrate social responsibility by designing sustainable interior environments that support indoor environmental quality and improve the quality of life for occupants.

PSO6. Engage in integrative professional design practice by contributing interior architecture and design expertise to collaborative design teams.

Note: - Correlation levels 1, 2 and 3 as defined below:

1: Slight (Low), 2: Moderate (Medium) and 3: Substantial (High)

If there is no correlation, put "-"

	PROGRAMME ARTICULATION MATRIX										CULA	TIOI	N MA	ATRIX	(
SEM	SUBJECT CODE	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12	PO 13	PO 14	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5	PSO 6
	BID101	3	3	3	3	2	1	2	3	3	1	1	3	3	1	3	3	-	-	2	-
	BID102	2	2	3	2	2	1	-		1	2	2	2	-	1	1	3	-	-	-	-
	BID103	2	2	1	-	3	1	2	3	3	2	1	1	2	2	3	3	1	-	-	-
- 1	BID104	1	1	1	2	-	-	-	2	-	-	-	2	-	-	1	1	-	-	-	-
	BID105	3	2	3	2	1	1	2	3	1	2	-	3	-	1	3	3	-	-	2	-
	BID106	-	1	-	-	-	-	3	2	-	-	-	-	-	1	1	1	-	-	-	-
	BID107	3	2	3	3	1	1	3	-	3	3	-	3	2	3	3	3	3	-	-	-
	BID201	3	2	3	3	2	2	2	3	3	1	1	3	3	1	3	3	-	-	2	-
	BID202	3	-	3	2	2	2	-	1	1	1	3	3	2	1	1	2	-	-	-	-
	BID203	2	2	1	1	3	2	2	3	3	2	1	2	2	1	3	3	1	-	2	-
П	BID204	1	3	1	-	-	-	-	1	1	-	-	2	-	1	1	1	-	-	-	-
	BID205	1	-	3	3	1	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-
	BID206	1	1	-	-	-	-	3	3	3	-	-	-	-	-	1	3	-	-	-	-
	BID207	3	-	1	3	1	1	-	1	3	3	3	3	3	3	3	3	3	-	-	-
	BID301	3	3	3	3	2	2	2	3	3	1	1	2	3	1	3	3	-	-	2	-
	BID302	2	-	3	2	2	2	-	1	1	1	2	2	2	1	1	1	-	-	-	-
	BID303	2	2	2	2	-	3	2	-	1	-	-	-	2	-	1	1	-	-	-	-
Ш	BID304	3	3	-	-	3	-	-	3	3	-	-	-	-	-	1	1	-	-	-	-
	BID305	1	-	3	3	1	2	-	-	-	-	-	-	-	-	1	-	-	-	-	-
	BID306	1	1	-	-	2	-	3	3	3	-	-	-	-	-	-	-	-	-	-	-
	BID307	1	3	1	-	3	-	-	3	3	-	-	-	-	3	-	-	-	-	2	-
	BID401	3	3	3	3	2	2	2	3	3	2	1	2	3	1	3	3	-	-	2	-
	BID402	2	1	3	2	2	2	-	1	-	2	1	2	3	1	1	1	-	-	2	-
	BID403	2	2	2	3	1	2	1	1	-	-	-	-	2	-	3	1	-	-	2	-
IV	BID404	3	-	2	3	1	2	1	1	-	1	2	2	2	-	1	1	-	-	2	-
	BID405	3	1	1	1	1	1	-	3	3	3	2	2	1	1	3	3	-	-	-	-
	BID406	3	3	3	3	3	2	3	2	3	3	2	3	-	-	1	3	-	-	2	-
	BID407	3	2	3	3	2	2	2	2	3	3	-	-	-	1	1	3	-	-	-	-
	BID501	3	3	3	3	2	2	2	3	3	3	1	2	3	1	3	1	-	-	2	-
	BID502	2	1	3	2	2	2	1	1	-	1	1	2	3	1	1	1	-	-	-	-
V	BID503	2	1	2	3	-	3	1	1	-	-	3	-	2	3	3	1	-	-	2	-
V	BID504	2	1	1	3	-	3	-	-	-	-	3	-	2	3	3	1	-	-	2	-
	BID505	1	1	-	-	1	-	3	3	3	-	-	1	-	3	1	1	3	-	-	-
	BID506	3	3	3	3	2	2	3	3	2	3	3	3	3	1	3	3	-	-	2	-
	BID601	3	3	3	3	2	2	2	3	3	3	3	1	3	1	3	3	-	-	2	-
	BID602	1	-	3	3	2	2	2	3	3	-	2	1	-	-	3	3	3	-	-	-
	BID603	3	3	2	2	1	1	1	3	3	1	2	2	2	3	3	3	-	-	-	-
VI	BID604	3	2	3	3	2	2	2	3	3	3	2	3	3	-	3	3	-	-	2	-
	BID605	2	-	1	3	-	-	-	-	-	-	-	-	-	3	3	-	-	-	-	-
	BID606	3	2	3	3	1	2	2	3	3	-	3	-	-	-	3	2	-	-	-	-
	BID607	2	3	3	3	1	2	2	3	3	1	-	-	-	3	3	2	-	-	-	-
VII	BID701	3	3	3	3	2	3	1	3	2	1	-	3	3	3	3	ı	-	-	2	-
VIII	BID 801	3	3	3	3	2	2	2	3	3	1	3	2	3	3	3	3	-	-	2	-

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BID 802	-	-	-	-	1	1	-	1	-	-	-	-	3	3	2	3	3	3	-	3
BID 803	1	-	2	1	1	2	-	2	1	-	1	-	2	3	2	1	2	-	-	-
BID 804	3	1	2	2	2	1	-	2	2	1	-	2	-	-	-	1	-	-	-	-
BID 805	1	3	1	1	2	1	2	1	2	1	1	-	2	1	2	-	-	-	-	-

DEPARTMENT OF ARCHITECTURE & PLANNING

Course Handout

Course: Interior Design Studio - IV

Course Code: BID 401, Credits: 06, Session: 2018-19 (Even Sem.), Class: BID 2nd Year

Faculty Name: Ar. Manish Kumar Chitranshi

Introduction:

The course will use a mix of drawings, Presentations & hands on workshop. Participal encouraged to engage in active interaction through classroom participation.

A. Course Outcomes: At the end of the course, students will be able to:

CO1: The different types of exhibition and presentation spaces and the interior design requirements related to them.

CO2: the objective of the course is to introduce the students with the different types of exhibition and presentation spaces and the interior design requirements related to them.

CO3: The course should involve different design ideas and schemes to represent the designing of exhibition spaces, as these are the prime area of designing emerging in the modern world

B. Programme Outcomes:

- **PO1. Design Knowledge:** Incorporate a global perspective when making design decisions, based on sustainable, socio-economic, and cultural contexts.
- PO2. Problem Analysis: Apply theories of human behaviour to human-centered design solutions.
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C. Programme Specific Outcomes:

As part of the school's charter and mission, Amity School of Architecture and Planning is providing a vibrant planning environment, ensuring its under-graduates are not only valued by the planning practice, but are also able to:

- **PSO1.** Demonstrate critical thinking as they identify, analyze, and solve interior architecture and design problems through completion of interior design studio projects. Apply creative and critical thinking to solve interior environment problems from a human-cantered approach and apply this knowledge to design solutions.
- **PSO2.** Demonstrate preparation for global design practice by incorporating cultural norms of user populations and applying that knowledge to design solutions that support globally diverse end users.
- **PSO3.** Demonstrate effective visual, verbal, and written communication.
- **PSO4.** Apply ethical and professional practices.
- **PSO5.** Demonstrate social responsibility by designing sustainable interior environments that support indoor environmental quality and improve the quality of life for occupants.
- **PSO6.** Engage in integrative professional design practice by contributing interior architecture and design expertise to collaborative design teams.

Assessment Plan:

Component of	Description	Code	Weightage
Evaluation			%
Continuous Internal	Mid Term	СТ	10%
Evaluation	Seminar/Quiz/ Assignment	S/Q/A	15%
Attendance	A minimum of 75% Attendance is required to be maintained by a studentto be qualified for taking up the End Semester examination. The allowance of 25% includes all types of leaves including medical leaves.	A	5%

End Semester	End Semester	VV	70%
Examination	(Viva-Voce)		
Total			100%

D. Syllabus

Module I: Design problem

Descriptors/Topics

The course should involve different design ideas and schemes to represent the designing of exhibition spaces, as these are the prime area of designing emerging in the modern world

Module II: Space organization

Descriptors/Topics

Space organization in exhibition interiors, Surface treatments in interiors e.g. walls,

floors, ceilings etc.

Interior details in terms of lighting, services, interior landscape etc, Different types of materials that are available and their uses in interiors

Module III: Layout Descriptors/Topics

Layout and Constructional details of furniture units, Application of color, texture, pattern and their psychological effects in interiors, Drawing of interiors in 2D and 3D views to understand the space design.

Interior Model of the space with all furniture, interior details in place and interior finishes with different colors, Textures. **Examination Scheme:**

Components	Attendance	Mid-Term	Assignment	VV
Weightage (%)	5	10	15	70

CT: Class Test, A: Assignment, S/V/Q: Seminar/Viva/Quiz, EE: End Semester Examination; A: Attendance **Text Reading:**

- [1] Drawing a Creative Process, Francis D.K. Ching
- [2] Design Drawing + CD, Francis D.K. Ching
- [3] Architecture Graphics, Francis D.K. Ching 4th Edition
- [4] Interior design&space planning, Dechiara Pabero Zelnik
- [5] Interior design illustrated, Francis D.K. Ching
- [6] Graphic Interiors
- [7] Space Designed by Graphic Artists, CorinaDean
- [8] Home Plumbing (The David & Charles Manual of), Ernest Hall
- [9] House Book (The Complete Guide to Home Design), Terence Conran

[10] Illustration + Perspectives (In Pantone Colors), Eiji Mitooka

References:

- Architectural Graphic standards editor Boaz Joseph
- Neufert's Architect's data
- Time Saver standards for building types, editor Joseph D.C. and John Callender.
- Kitchen & Bath, Montse Zapata
- Bed room, Lestey Taylor
- The Curtain Book, Mitchll Beazlty
- Interior Design Visual, Maureen Mitton 2nd Edition
- 100 Bright Ideas For color, Sue Rose
- Window Fashion, Charles T. Randall

E. Lecture Plan

Lecture	Topics	Mode of Delivery	Correspon ding CO	Mode of Assessing CO
1.	Design problem Introduction	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
2.	Design problem Introduction	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
3.	Design problem Introduction	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
4.	Design problem Introduction	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
5.	Design problem Introduction	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
6.	Interior Design for specific ideas and select materials appropriate to intended purpose and to understand the visuals, tactile and functional characteristics, Develop an understanding of structures, special awareness, materials and processes, Develop skills in design development using working drawing, visual, scale models	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam

	and prototypes followed by effective presentations of proposed design solutions of exhibitions.			
7.	Interior Design for specific ideas and select materials appropriate to intended purpose and to understand the visuals, tactile and functional characteristics, Develop an understanding of structures, special awareness, materials and processes, Develop skills in design development using working drawing, visual, scale models and prototypes followed by effective presentations of proposed design solutions of exhibitions.	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
8.	Interior Design for specific ideas and select materials appropriate to intended purpose and to understand the visuals, tactile and functional characteristics, Develop an understanding of structures, special awareness, materials and processes, Develop skills in design development using working drawing, visual, scale models and prototypes followed by effective presentations of proposed design solutions of exhibitions.	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
9.	Interior Design for specific ideas and select materials appropriate to intended purpose and to understand the visuals, tactile and functional characteristics, Develop an understanding of structures, special awareness, materials and processes, Develop skills in design development using working drawing, visual, scale models and prototypes followed by effective presentations of proposed design solutions of exhibitions.	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam

10.	Interior Design for specific	Lecture	CO1	Mid Term-
	ideas and select materials appropriate to intended purpose and to understand the visuals, tactile and functional characteristics, Develop an understanding of structures, special awareness, materials and processes, Develop skills in design development using working drawing, visual, scale models and prototypes followed by effective presentations of proposed design solutions of exhibitions.			1, Quiz & End Sem Exam
11.	Interior Design for specific ideas and select materials appropriate to intended purpose and to understand the visuals, tactile and functional characteristics, Develop an understanding of structures, special awareness, materials and processes, Develop skills in design development using working drawing, visual, scale models and prototypes followed by effective presentations of proposed design solutions of exhibitions.	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
12.	Interior Design for specific ideas and select materials appropriate to intended purpose and to understand the visuals, tactile and functional characteristics, Develop an understanding of structures, special awareness, materials and processes, Develop skills in design development using working drawing, visual, scale models and prototypes followed by effective presentations of proposed design solutions of exhibitions.	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
13.	Interior Design for specific ideas and select materials appropriate to intended	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam

			1	,
	purpose and to understand the visuals, tactile and functional characteristics, Develop an understanding of structures, special awareness, materials and processes, Develop skills in design development using working drawing, visual, scale models and prototypes followed by effective presentations of proposed design solutions of exhibitions.			
14.	Interior Design for specific ideas and select materials appropriate to intended purpose and to understand the visuals, tactile and functional characteristics, Develop an understanding of structures, special awareness, materials and processes, Develop skills in design development using working drawing, visual, scale models and prototypes followed by effective presentations of proposed design solutions of exhibitions.	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
15.	Interior Design for specific ideas and select materials appropriate to intended purpose and to understand the visuals, tactile and functional characteristics, Develop an understanding of structures, special awareness, materials and processes, Develop skills in design development using working drawing, visual, scale models and prototypes followed by effective presentations of proposed design solutions of exhibitions.	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
16.	Interior Design for specific ideas and select materials appropriate to intended purpose and to understand the visuals, tactile and functional characteristics,	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam

	Develop an understanding of structures, special awareness, materials and processes, Develop skills in design development using working drawing, visual, scale models and prototypes followed by effective presentations of proposed design solutions of exhibitions.			
17.	Interior Design for specific ideas and select materials appropriate to intended purpose and to understand the visuals, tactile and functional characteristics, Develop an understanding of structures, special awareness, materials and processes, Develop skills in design development using working drawing, visual, scale models and prototypes followed by effective presentations of proposed design solutions of exhibitions.	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
18.	Interior Design for specific ideas and select materials appropriate to intended purpose and to understand the visuals, tactile and functional characteristics, Develop an understanding of structures, special awareness, materials and processes, Develop skills in design development using working drawing, visual, scale models and prototypes followed by effective presentations of proposed design solutions of exhibitions.	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
19.	Interior Design for specific ideas and select materials appropriate to intended purpose and to understand the visuals, tactile and functional characteristics, Develop an understanding of structures, special awareness, materials and processes,	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam

	Develop skills in design development using working drawing, visual, scale models and prototypes followed by effective presentations of proposed design solutions of exhibitions.			
20.	Interior Design for specific ideas and select materials appropriate to intended purpose and to understand the visuals, tactile and functional characteristics, Develop an understanding of structures, special awareness, materials and processes, Develop skills in design development using working drawing, visual, scale models and prototypes followed by effective presentations of proposed design solutions of exhibitions.	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
21.	Space organization in exhibition interiors, Surface treatments in interiors e.g. walls, floors, ceilings etc. Interior details in terms of lighting, services, interior landscape etc, Different types of materials that are available and their uses in interiors	Lecture	CO1	Mid Term- 2, Quiz & End Sem Exam
22.	Space organization in exhibition interiors, Surface treatments in interiors e.g. walls, floors, ceilings etc. Interior details in terms of lighting, services, interior landscape etc, Different types of materials that are available and their uses in interiors	Lecture	CO1	Mid Term- 2, Quiz & End Sem Exam
23.	Space organization in exhibition interiors, Surface treatments in interiors e.g. walls, floors, ceilings etc. Interior details in terms of lighting, services, interior landscape etc, Different types	Lecture	CO1	Mid Term- 2, Quiz & End Sem Exam

	of materials that are available and their uses in interiors			
24.	Space organization in exhibition interiors, Surface treatments in interiors e.g. walls, floors, ceilings etc. Interior details in terms of lighting, services, interior landscape etc, Different types of materials that are available and their uses in interiorsCase studies and data collection through primary and secondary sources	Lecture	CO1	Mid Term- 2, Quiz & End Sem Exam
25.	Space organization in exhibition interiors, Surface treatments in interiors e.g. walls, floors, ceilings etc. Interior details in terms of lighting, services, interior landscape etc, Different types of materials that are available and their uses in interiors	Lecture	CO1	Mid Term- 2, Quiz & End Sem Exam
26.	Space organization in exhibition interiors, Surface treatments in interiors e.g. walls, floors, ceilings etc. Interior details in terms of lighting, services, interior landscape etc, Different types of materials that are available and their uses in interiors	Lecture	CO2	Mid Term- 2, Quiz & End Sem Exam
27.	Space organization in exhibition interiors, Surface treatments in interiors e.g. walls, floors, ceilings etc. Interior details in terms of lighting, services, interior landscape etc, Different types of materials that are available and their uses in interiorsDesign the interior keeping in view — the basic structural	Lecture	CO2	Mid Term- 2, Quiz & End Sem Exam

	requirements, finishes, furniture layout, basic			
	services			
28.	Space organization in exhibition interiors, Surface treatments in interiors e.g. walls, floors, ceilings etc. Interior details in terms of lighting, services, interior landscape etc, Different types of materials that are available and their uses in interiorsDesign the interior keeping in view — the basic structural requirements, finishes, furniture layout, basic services	Lecture	CO2	Mid Term- 2, Quiz & End Sem Exam
29.	Space organization in exhibition interiors, Surface treatments in interiors e.g. walls, floors, ceilings etc. Interior details in terms of lighting, services, interior landscape etc, Different types of materials that are available and their uses in interiorsDesign the interior keeping in view — the basic structural requirements, finishes, furniture layout, basic services	Lecture	CO2	Mid Term- 2, Quiz & End Sem Exam
30.	Space organization in exhibition interiors, Surface treatments in interiors e.g. walls, floors, ceilings etc. Interior details in terms of lighting, services, interior landscape etc, Different types of materials that are available and their uses in interiorsDesign the interior keeping in view — the basic structural requirements, finishes, furniture layout, basic services	Lecture	CO2	Mid Term- 2, Quiz & End Sem Exam

31.	Space organization in exhibition interiors, Surface treatments in interiors e.g. walls, floors, ceilings etc. Interior details in terms of lighting, services, interior landscape etc, Different types of materials that are available and their uses in interiors	Lecture	CO2	Mid Term- 2, Quiz & End Sem Exam
32.	Space organization in exhibition interiors, Surface treatments in interiors e.g. walls, floors, ceilings etc. Interior details in terms of lighting, services, interior landscape etc, Different types of materials that are available and their uses in interiors	Lecture	CO2	Mid Term- 2, Quiz & End Sem Exam
33.	Space organization in exhibition interiors, Surface treatments in interiors e.g. walls, floors, ceilings etc. Interior details in terms of lighting, services, interior landscape etc, Different types of materials that are available and their uses in interiors	Lecture	CO2	Mid Term- 2, Quiz & End Sem Exam
34.	Space organization in exhibition interiors, Surface treatments in interiors e.g. walls, floors, ceilings etc. Interior details in terms of lighting, services, interior landscape etc, Different types of materials that are available and their uses in interiorsDesign the interior keeping in view — the basic structural requirements, finishes, furniture layout, basic services	Lecture	CO2	Mid Term- 2, Quiz & End Sem Exam
35.	Space organization in exhibition interiors, Surface	Lecture	CO2	Mid Term- 2, Quiz & End Sem

	treatments in interiors e.g. walls, floors, ceilings etc. Interior details in terms of lighting, services, interior landscape etc, Different types of materials that are available and their uses in interiorsDesign the interior keeping in view — the basic structural requirements, finishes, furniture layout, basic services			Exam
36.	Space organization in exhibition interiors, Surface treatments in interiors e.g. walls, floors, ceilings etc. Interior details in terms of lighting, services, interior landscape etc, Different types of materials that are available and their uses in interiors	Lecture	CO2	Mid Term- 2, Quiz & End Sem Exam
37.	Space organization in exhibition interiors, Surface treatments in interiors e.g. walls, floors, ceilings etc. Interior details in terms of lighting, services, interior landscape etc, Different types of materials that are available and their uses in interiorsDesign the interiors for a space with a floor area of appx. 300sqm. – 400 sqm in a two storey structure with open courtyards in or around the built structure for 12 - 15 occupants (living or floating) on a plot size of minimum 500sqm.	Lecture	CO2	Quiz & End Sem Exam
38.	Space organization in exhibition interiors, Surface treatments in interiors e.g. walls, floors, ceilings etc.	Lecture	CO2	Quiz & End Sem Exam

	Interior details in terms of			
	lighting, services, interior			
	landscape etc, Different types			
	of materials that are			
	available and their uses in			
	interiorsDesign the			
	interiors for a space with a			
	floor area of appx. 300sqm.			
	– 400 sqm in a two storey			
	structure with open			
	courtyards in or around the			
	built structure for 12 - 15			
	occupants (living or			
	floating) on a plot size of			
	minimum 500sqm.			
39.	Space organization in	Lecture	CO2	Quiz &
	exhibition interiors, Surface			End Sem
	treatments in interiors e.g.			Exam
	walls,			
	floors, ceilings etc.			
	Interior details in terms of			
	lighting, services, interior			
	landscape etc, Different types			
	of materials that are			
	available and their uses in			
	interiorsDesign the			
	interiors for a space with a			
	floor area of appx. 300sqm.			
	– 400 sqm in a two storey			
	structure with open			
	courtyards in or around the			
	built structure for 12 - 15			
	occupants (living or			
	floating) on a plot size of			
	minimum 500sqm.			
40.	Space organization in	Lecture	CO2	Quiz &
	exhibition interiors, Surface			End Sem
	treatments in interiors e.g.			Exam
	walls,			
	floors, ceilings etc.			
	Interior details in terms of			
	lighting, services, interior			
	landscape etc, Different types			
	of materials that are			
	available and their uses in			
	interiorsDesign the			
	interiors for a space with a			
	floor area of appx. 300sqm.			
	– 400 sqm in a two storey			
	structure with open			
	courtyards in or around the			
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	built structure for 12 - 15 occupants (living or floating) on a plot size of			
	minimum 500sqm.			
41.	Layout and Constructional details of furniture units, Application of color, texture, pattern and their psychological effects in interiors, Drawing of interiors in 2D and 3D views to understand the space design. Interior Model of the space with all furniture, interior details in place and interior finishes with different colors, Textures.Design the interiors for a space with a floor area of appx. 300sqm. – 400 sqm in a two storey structure with open courtyards in or around the built structure for 12 - 15 occupants (living or floating) on a plot size of minimum 500sqm.	Lecture	CO2	Quiz & End Sem Exam
42.	Layout and Constructional details of furniture units, Application of color, texture, pattern and their psychological effects in interiors, Drawing of interiors in 2D and 3D views to understand the space design. Interior Model of the space with all furniture, interior details in place and interior finishes with different colors, Textures.	Lecture	CO2	Quiz & End Sem Exam
43.	Layout and Constructional details of furniture units, Application of color, texture, pattern and their psychological effects in interiors, Drawing of interiors in 2D and 3D views to understand the space design.	Lecture	CO2	Quiz & End Sem Exam

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	Interior Model of the space with all furniture, interior details in place and interior finishes with different colors, Textures.Design the interiors for a space with a floor area of appx. 300sqm. – 400 sqm in a two storey structure with open courtyards in or around the built structure for 12 - 15 occupants (living or floating) on a plot size of minimum 500sqm.			
44.	Layout and Constructional details of furniture units, Application of color, texture, pattern and their psychological effects in interiors, Drawing of interiors in 2D and 3D views to understand the space design. Interior Model of the space with all furniture, interior details in place and interior finishes with different colors, Textures.Design the interiors for a space with a floor area of appx. 300sqm. – 400 sqm in a two storey structure with open courtyards in or around the built structure for 12 - 15 occupants (living or floating) on a plot size of minimum 500sqm.	Lecture	CO2	Quiz & End Sem Exam
45.	Layout and Constructional details of furniture units, Application of color, texture, pattern and their psychological effects in interiors, Drawing of interiors in 2D and 3D views to understand the space design. Interior Model of the space with all furniture, interior details in place and interior finishes with different colors, Textures.	Lecture	CO2	Quiz & End Sem Exam

46.	Layout and Constructional details of furniture units, Application of color, texture, pattern and their psychological effects in interiors, Drawing of interiors in 2D and 3D views to understand the space design. Interior Model of the space with all furniture, interior details in place and interior finishes with different colors, Textures.Design should be presented in 3D drawings (perspectives, axonometric, isometric views) rendered with	Lecture	CO2	Quiz & End Sem Exam
47.	textures, colors, patterns etc. Layout and Constructional details of furniture units, Application of color, texture, pattern and their psychological effects in interiors, Drawing of interiors in 2D and 3D views to understand the space design. Interior Model of the space with all furniture, interior details in place and interior finishes with different colors, Textures.	Lecture	CO2	Quiz & End Sem Exam
48.	Layout and Constructional details of furniture units, Application of color, texture, pattern and their psychological effects in interiors, Drawing of interiors in 2D and 3D views to understand the space design. Interior Model of the space with all furniture, interior details in place and interior finishes with different colors, Textures.Design should be presented in 3D drawings (perspectives, axonometric, isometric views) rendered with	Lecture	CO2	Quiz & End Sem Exam

	textures, colors, patterns			
	etc.			
49.	Layout and Constructional details of furniture units, Application of color, texture, pattern and their psychological effects in interiors, Drawing of interiors in 2D and 3D views to understand the space design. Interior Model of the space with all furniture, interior details in place and interior finishes with different colors, Textures.Design should be presented in 3D drawings (perspectives, axonometric, isometric views) rendered with	Lecture	CO2	Quiz & End Sem Exam
50.	textures, colors, patterns etc. Layout and Constructional	Lecture	CO2	Quiz &
	details of furniture units, Application of color, texture, pattern and their psychological effects in interiors, Drawing of interiors in 2D and 3D views to understand the space design. Interior Model of the space with all furniture, interior details in place and interior finishes with different colors, Textures.Design should be presented in 3D drawings (perspectives, axonometric, isometric views) rendered with textures, colors, patterns etc.			End Sem Exam
51.	Layout and Constructional details of furniture units, Application of color, texture, pattern and their psychological effects in interiors, Drawing of interiors in 2D and 3D views to understand the space design. Interior Model of the space with all furniture, interior details in place and interior finishes with different colors, Textures.	Lecture	CO3	Quiz & End Sem Exam
52.	Layout and Constructional details of furniture units, Application of color, texture, pattern and their psychological effects in	Lecture	CO3	Quiz & End Sem Exam

53.	interiors, Drawing of interiors in 2D and 3D views to understand the space design. Interior Model of the space with all furniture, interior details in place and interior finishes with different colors, Textures.Layout and Constructional details of furniture units, Application of color, texture, pattern and their psychological effects in interiors, Drawing of interiors in 2D and 3D views to understand the space design. Interior Model of the space with all furniture, interior details in place and interior finishes with different colors, Textures.Design should be presented in 3D drawings (perspectives, axonometric, isometric views) rendered with textures, colors, patterns etc. Layout and Constructional	Lecture	CO3	Quiz &
	details of furniture units, Application of color, texture, pattern and their psychological effects in interiors, Drawing of interiors in 2D and 3D views to understand the space design. Interior Model of the space with all furniture, interior details in place and interior finishes with different colors, Textures.Design should be presented in 3D drawings (perspectives, axonometric, isometric views) rendered with textures, colors, patterns etc.			End Sem Exam
54.	Layout and Constructional details of furniture units, Application of color, texture, pattern and their psychological effects in interiors, Drawing of interiors in 2D and 3D views to understand the space design. Interior Model of the space with all furniture, interior details in place and interior	Lecture	CO3	Quiz & End Sem Exam

	finishes with different colors,			
	Textures.Design should be			
	presented in 3D drawings			
	(perspectives, axonometric,			
	isometric views) rendered with			
	textures, colors, patterns etc.			
55.	Layout and Constructional	Lecture	CO3	Quiz &
	details of furniture units,			End Sem
	Application of color, texture,			Exam
	pattern and their psychological			LAdill
	effects in interiors, Drawing of			
	interiors in 2D and			
	3D views to understand the			
	space design.			
	Interior Model of the space with			
	all furniture, interior details in			
	place and interior			
	finishes with different colors,			
	Textures.Design should be			
	presented in 3D drawings			
	(perspectives, axonometric,			
	isometric views) rendered with			
	textures, colors, patterns etc.			
56.	Layout and Constructional	Lecture	CO3	Quiz &
	details of furniture units,			End Sem
	Application of color, texture,			Exam
	pattern and their			Exam
	psychological effects in			
	interiors, Drawing of interiors			
	in 2D and			
	3D views to understand the			
	space design.			
	Interior Model of the space			
	with all furniture, interior			
	details in place and interior			
	finishes with different colors,			
	Textures.Layout and			
	Constructional details of			
	furniture units, Application of			
	color, texture,			
	pattern and their psychological			
	effects in interiors, Drawing of			
	interiors in 2D and			
	3D views to understand the			
	space design.			
	Interior Model of the space with			
	all furniture, interior details in			
	place and interior			
	finishes with different colors,			
	Textures.Design should be			
	presented in 3D drawings			
	(perspectives, axonometric,			
	isometric views) rendered with			
	textures, colors, patterns etc.			
	textures, colors, patterns etc.	L		

57.	Layout and Constructional details of furniture units, Application of color, texture, pattern and their psychological effects in interiors, Drawing of interiors in 2D and 3D views to understand the space design. Interior Model of the space with all furniture, interior details in place and interior finishes with different colors, Textures.Design should be presented in 3D drawings (perspectives, axonometric, isometric views) rendered with	Lecture	CO3	Quiz & End Sem Exam
	textures, colors, patterns etc.			
58.	Layout and Constructional details of furniture units, Application of color, texture, pattern and their psychological effects in interiors, Drawing of interiors in 2D and 3D views to understand the space design. Interior Model of the space with all furniture, interior details in place and interior finishes with different colors, Textures.Design should be presented in 3D drawings (perspectives, axonometric, isometric views) rendered with textures, colors, patterns etc.	Lecture	CO3	Quiz & End Sem Exam
59.	Layout and Constructional details of furniture units, Application of color, texture, pattern and their psychological effects in interiors, Drawing of interiors in 2D and 3D views to understand the space design. Interior Model of the space with all furniture, interior details in place and interior finishes with different colors, Textures.Design should be presented in 3D drawings (perspectives, axonometric, isometric views) rendered with textures, colors, patterns etc.	Lecture	CO3	Quiz & End Sem Exam
60.	Layout and Constructional details of furniture units, Application of color, texture,	Lecture	CO3	Quiz & End Sem Exam

	pattern and their psychological			
	effects in interiors, Drawing of			
	interiors in 2D and			
	3D views to understand the			
	space design.			
	Interior Model of the space with			
	all furniture, interior details in			
	place and interior			
	finishes with different colors,			
	Textures.Design should be			
	presented in 3D drawings			
	(perspectives, axonometric,			
	isometric views) rendered with			
	textures, colors, patterns etc.			
61.	Interior Design for specific ideas	Lecture	CO3	Quiz &
01.	and select materials appropriate	Lecture		End Sem
	to intended			Exam
	purpose and to understand the			LXdIII
	visuals, tactile and functional			
	characteristics,			
	Develop an understanding of			
	structures, special awareness,			
	materials and processes,			
	Develop skills in design			
	development using working			
	drawing, visual, scale models			
	and prototypes followed by			
	effective presentations of proposed design solutions of			
	exhibitions.Design should be			
	presented in 3D drawings			
	(perspectives, axonometric,			
	isometric views) rendered with			
	textures, colors, patterns etc.			
62.	Interior Design for specific	Lecture	CO3	Quiz &
	ideas and select materials			End Sem
	appropriate to intended			Exam
	purpose and to understand			
	the visuals, tactile and			
	functional characteristics,			
	Develop an understanding of			
	structures, special awareness,			
	materials and processes,			
	Develop skills in design			
	development using working			
	drawing, visual, scale models			
	and prototypes followed by			
	effective presentations of			
	proposed design solutions of			
	exhibitions.Interior Design for			
	specific ideas and select			
	materials appropriate to			
	intended			
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	purpose and to understand the			
	visuals, tactile and functional			
	characteristics,			
	Develop an understanding of			
	structures, special awareness,			
	materials and processes,			
	Develop skills in design			
	development using working			
	drawing, visual, scale models			
	and prototypes followed by			
	effective presentations of			
	proposed design solutions of			
	exhibitions.Design should be			
	presented in 3D drawings			
	(perspectives, axonometric,			
	isometric views) rendered with			
	textures, colors, patterns etc.			
63	Interior Design for specific ideas	Loctura	CO2	Oui- 0
63.	S I	Lecture	CO3	Quiz &
	and select materials appropriate to intended			End Sem
				Exam
	purpose and to understand the			
	visuals, tactile and functional			
	characteristics,			
	Develop an understanding of			
	structures, special awareness,			
	materials and processes,			
	Develop skills in design			
	development using working			
	drawing, visual, scale models			
	and prototypes followed by			
	effective presentations of			
	proposed design solutions of			
	exhibitions.Design should be			
	presented in 3D drawings			
	(perspectives, axonometric,			
	isometric views) rendered with			
	textures, colors, patterns etc.			
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64.	Interior Design for specific ideas	Lecture	CO3	Quiz &
	and select materials appropriate			End Sem
	to intended			Exam
	purpose and to understand the			
	visuals, tactile and functional			
	characteristics,			
	Develop an understanding of			
	structures, special awareness,			
	materials and processes,			
	Develop skills in design			
	development using working			
	drawing, visual, scale models			
	and prototypes followed by			
	effective presentations of			
	proposed design solutions of			

	exhibitions.Design should be			
	presented in 3D drawings			
	(perspectives, axonometric,			
	isometric views) rendered with			
	textures, colors, patterns etc.			
65.	Interior Design for specific ideas	Lecture	CO3	Quiz &
	and select materials appropriate			End Sem
	to intended			Exam
	purpose and to understand the			
	visuals, tactile and functional characteristics,			
	Develop an understanding of			
	structures, special awareness,			
	materials and processes,			
	Develop skills in design			
	development using working			
	drawing, visual, scale models			
	and prototypes followed by			
	effective presentations of			
	proposed design solutions of			
	exhibitions.Design should be			
	presented in 3D drawings			
	(perspectives, axonometric,			
	isometric views) rendered with			
	textures, colors, patterns etc.			
66.	Interior Design for specific ideas	Lecture	CO3	Quiz &
	and select materials appropriate			End Sem
	to intended purpose and to understand the			Exam
	visuals, tactile and functional			
	characteristics,			
	Develop an understanding of			
	structures, special awareness,			
	materials and processes,			
	Develop skills in design			
	development using working			
	drawing, visual, scale models			
	and prototypes followed by effective presentations of			
	proposed design solutions of			
	exhibitions.Design should be			
	presented in 3D drawings			
	(perspectives, axonometric,			
	isometric views) rendered with			
	textures, colors, patterns etc.			
67.	Interior Design for specific ideas	Lecture	CO3	Quiz &
07.	and select materials appropriate	Lecture		End Sem
	to intended			Exam
	purpose and to understand the			LXdIII
	visuals, tactile and functional			
	characteristics,			
	Develop an understanding of			
	structures, special awareness,			
	materials and processes,			

	Develop skills in design			
	development using working			
	drawing, visual, scale models			
	and prototypes followed by			
	effective presentations of			
	proposed design solutions of			
	exhibitions.Design should be			
	presented in 3D drawings			
	(perspectives, axonometric,			
	isometric views) rendered with			
	textures, colors, patterns etc.			
68.	Interior Design for specific ideas and select materials appropriate to intended purpose and to understand the	Lecture	CO3	Quiz & End Sem Exam
	visuals, tactile and functional			
	characteristics,			
	Develop an understanding of			
	structures, special awareness, materials and processes,			
	Develop skills in design			
	development using working			
	drawing, visual, scale models			
	and prototypes followed by			
	effective presentations of			
	proposed design solutions of			
	exhibitions.Design should be			
	presented in 3D drawings			
	(perspectives, axonometric,			
	isometric views) rendered with			
	textures, colors, patterns etc.			
69.	Interior Design for specific ideas and select materials appropriate	Lecture	CO3	Quiz & End Sem
	to intended			Exam
	purpose and to understand the			
	visuals, tactile and functional characteristics,			
	Develop an understanding of			
	structures, special awareness,			
	materials and processes,			
	Develop skills in design			
	development using working			
	drawing, visual, scale models			
	and prototypes followed by			
	effective presentations of			
	proposed design solutions of			
70.	exhibitions. Interior Design for specific ideas	Lecture	CO3	Quiz &
70.	and select materials appropriate to intended	Lecture	CO3	End Sem
	purpose and to understand the			Exam
	visuals, tactile and functional			
	characteristics,			
	Develop an understanding of			
	structures, special awareness,			
	materials and processes,			

73.	isometric views) rendered with textures, colors, patterns etc. Interior Design for specific ideas and select materials appropriate	Lecture	CO3	Quiz & End Sem
	to intended purpose and to understand the visuals, tactile and functional characteristics, Develop an understanding of structures, special awareness, materials and processes, Develop skills in design development using working drawing, visual, scale models and prototypes followed by effective presentations of proposed design solutions of exhibitions.Design should be presented in 3D drawings (perspectives, axonometric,			Exam
72.	drawing, visual, scale models and prototypes followed by effective presentations of proposed design solutions of exhibitions. Design should be presented in 3D drawings (perspectives, axonometric, isometric views) rendered with textures, colors, patterns etc. Interior Design for specific ideas and select materials appropriate	Lecture	CO3	Quiz & End Sem
, =:	and select materials appropriate to intended purpose and to understand the visuals, tactile and functional characteristics, Develop an understanding of structures, special awareness, materials and processes, Develop skills in design development using working			End Sem Exam
71.	Develop skills in design development using working drawing, visual, scale models and prototypes followed by effective presentations of proposed design solutions of exhibitions. Design should be presented in 3D drawings (perspectives, axonometric, isometric views) rendered with textures, colors, patterns etc. Interior Design for specific ideas	Lecture	CO3	Quiz &

	purpose and to understand the			
	visuals, tactile and functional			
	characteristics,			
	Develop an understanding of			
	structures, special awareness,			
	materials and processes,			
	Develop skills in design			
	development using working			
	drawing, visual, scale models			
	and prototypes followed by			
	effective presentations of			
	proposed design solutions of			
	exhibitions.Design should be			
	presented in 3D drawings			
	(perspectives, axonometric,			
	isometric views) rendered with			
	textures, colors, patterns etc.			
74.	Interior Design for specific ideas	Lecture	CO3	Quiz &
74.	and select materials appropriate	Lecture	CO3	
	to intended			End Sem
	purpose and to understand the			Exam
	visuals, tactile and functional			
	characteristics,			
	Develop an understanding of			
	structures, special awareness,			
	materials and processes,			
	Develop skills in design			
	development using working			
	drawing, visual, scale models			
	and prototypes followed by			
	effective presentations of			
	proposed design solutions of			
	exhibitions.Design should be			
	presented in 3D drawings			
	(perspectives, axonometric,			
	isometric views) rendered with			
	textures, colors, patterns etc.			
75.	Interior Design for specific ideas	Lecture	CO3	Quiz &
	and select materials appropriate			End Sem
	to intended			Exam
	purpose and to understand the			
	visuals, tactile and functional			
	characteristics,			
	Develop an understanding of			
	structures, special awareness,			
	materials and processes,			
	Develop skills in design			
	development using working			
	drawing, visual, scale models			
	and prototypes followed by			
	effective presentations of			
	proposed design solutions of			l

	exhibitions.Design should be presented in 3D drawings (perspectives, axonometric, isometric views) rendered with textures, colors, patterns etc.			
76.	Interior Design for specific ideas and select materials appropriate to intended purpose and to understand the visuals, tactile and functional characteristics, Develop an understanding of structures, special awareness, materials and processes, Develop skills in design development using working drawing, visual, scale models and prototypes followed by effective presentations of proposed design solutions of exhibitions.	Lecture	CO3	Quiz & End Sem Exam
77.	Interior Design for specific ideas and select materials appropriate to intended purpose and to understand the visuals, tactile and functional characteristics, Develop an understanding of structures, special awareness, materials and processes, Develop skills in design development using working drawing, visual, scale models and prototypes followed by effective presentations of proposed design solutions of exhibitions.	Lecture	CO3	Quiz & End Sem Exam
78.	Interior Design for specific ideas and select materials appropriate to intended purpose and to understand the visuals, tactile and functional characteristics, Develop an understanding of structures, special awareness, materials and processes, Develop skills in design development using working drawing, visual, scale models and prototypes followed by effective presentations of proposed design solutions of exhibitions.	Lecture	CO3	Quiz & End Sem Exam
79.	Interior Design for specific ideas and select materials appropriate to intended	Lecture	CO3	Quiz & End Sem Exam

	purpose and to understand the visuals, tactile and functional characteristics, Develop an understanding of structures, special awareness, materials and processes, Develop skills in design development using working drawing, visual, scale models and prototypes followed by effective presentations of proposed design solutions of exhibitions.			
80.	Interior Design for specific ideas and select materials appropriate to intended purpose and to understand the visuals, tactile and functional characteristics, Develop an understanding of structures, special awareness, materials and processes, Develop skills in design development using working drawing, visual, scale models and prototypes followed by effective presentations of proposed design solutions of exhibitions.	Lecture	CO3	Quiz & End Sem Exam
81.	Space organization in exhibition interiors, Surface treatments in interiors e.g. walls, floors, ceilings etc. Interior details in terms of lighting, services, interior landscape etc, Different types of materials that are available and their uses in interiors.	Lecture	CO3	Quiz & End Sem Exam
82.	Space organization in exhibition interiors, Surface treatments in interiors e.g. walls, floors, ceilings etc. Interior details in terms of lighting, services, interior landscape etc, Different types of materials that are available and their uses in interiors.	Lecture	CO3	Quiz & End Sem Exam
83.	Space organization in exhibition interiors, Surface treatments in interiors e.g. walls, floors, ceilings etc. Interior details in terms of lighting, services, interior landscape etc, Different types of materials that are available and their uses in interiors.	Lecture	CO3	Quiz & End Sem Exam

		T		
84.	Space organization in exhibition interiors, Surface treatments in interiors e.g. walls, floors, ceilings etc. Interior details in terms of lighting, services, interior landscape etc, Different types of materials that are available and their uses in interiors.	Lecture	CO3	Quiz & End Sem Exam
85.	Space organization in exhibition interiors, Surface treatments in interiors e.g. walls, floors, ceilings etc. Interior details in terms of lighting, services, interior landscape etc, Different types of materials that are available and their uses in interiors.	Lecture	CO3	Quiz & End Sem Exam
86.	Space organization in exhibition interiors, Surface treatments in interiors e.g. walls, floors, ceilings etc. Interior details in terms of lighting, services, interior landscape etc, Different types of materials that are available and their uses in interiors.	Lecture	CO3	Quiz & End Sem Exam
87.	Space organization in exhibition interiors, Surface treatments in interiors e.g. walls, floors, ceilings etc. Interior details in terms of lighting, services, interior landscape etc, Different types of materials that are available and their uses in interiors.	Lecture	CO3	Quiz & End Sem Exam
88.	Layout and Constructional details of furniture units, Application of color, texture, pattern and their psychological effects in interiors, Drawing of interiors in 2D and 3D views to understand the space design. Interior Model of the space with all furniture, interior details in place and interior finishes with different colors, Textures.	Lecture	CO3	Quiz & End Sem Exam
89.	Layout and Constructional details of furniture units, Application of color, texture, pattern and their psychological effects in interiors, Drawing of interiors in 2D and 3D views to understand the space design.	Lecture	CO3	Quiz & End Sem Exam

	Interior Model of the space with all furniture, interior details in place and interior finishes with different colors, Textures.		
90.	Layout and Constructional details of furniture units, Application of color, texture, pattern and their psychological effects in interiors, Drawing of interiors in 2D and 3D views to understand the space design. Interior Model of the space with all furniture, interior details in place and interior finishes with different colors, Textures.	CO3	Lecture

F. Course Articulation Matrix (Mapping of COs with POs)

СО	STATEMENT		COF	RREL		OUTCOMES CORRELATION WITH PROGRAMME SPECIFIC OUTCOME												
		P O 1	P O 2	P O 3	P O 4	P O 5	P O 6	P O 7	P O 8	P O 9	P O 1 0	P O 1	P O 1 2	PS O1	PS O2	PS O3	PS 04	PS 05
CO 01	The different types of exhibition and presentation spaces and the interior design requirements related to them.	3	3	3	3	2	2	2	3	3	2	1	2	3	1	3	3	-
	he objective of the course is to introduce the students with the different types of exhibition and presentation spaces and the interior design requirements related to them.																	
CO 03	The course should involve different design ideas and schemes to represent the designing of exhibition spaces, as these are the prime	3	3	3	3	2	2	2	3	3	2	1	2	3	1	3	3	-

									_
area of designing									l
emerging in the									l
modern world									l

Sample Question Paper

	Amity School of Architecture & Planning I MID-SEMESTER (SEM –IV) 2021-22									
	Class: BID IV Semester									
Subject Name: BID 401 Time: 2 Hrs Max. Marks: 10 Interior Design Studio – IV										
Levels of the questions as per Blooms Taxonomy	Remembering	Understanding	Applying	Analyz	zing	Evaluating	Creating			
Question Q.1,4 Q.2,3 Q.4 Q.2,5,6 Mapping — <td< td=""></td<>										

Student will be able to

CO1: List the broad perceptive of cloud architecture and model.

CO2: Apply different cloud programming models as per need.

CO Map	Question No.	Question	Marks
CO1	Q.1	Explain in brief the cloud computing concept.	3
CO1	Q.2a	What are the essential characteristics of cloud computing?	3
	Q.2b	How is cloud computing requirements and cloud servicerequirement services related to each other?	3
CO1	Q.3	Sketch NIST Cloud Computing Reference Architecture and depictits elements	6
CO2	Q.4	Explain the significance of Cloud Reference Model	3
CO2	Q.5a	Elaborate different cloud types with example.	3
CO2	Q.5b	Write characteristics of private cloud.	3
CO2	Q6	How virtualization is applied in cloud computing scenario?	6

Attainments		Rubric
Level	1	IF 60% of students secure more than 60% marks then level 1
Level	2	IF 70% of students secure more than 60% marks then level 2
Level	3	IF 80% of students secure more than 60% marks then level 3

Course outcome: Based on internal and external assessment the level of Course outcome attainment of the course BID/Course code BID401 is level 2 for the academic year.



AMITY UNIVERSITY MADHYA PRADESH, GWALIOR AMITY SCHOOL OF ARCHITECTURE AND PLANNING DEPARTMENT OF ARCHITECTURE AND PLANNING

PROGRAMME OUTCOMES AND PROGRAMME SPECIFIC OUTCOMES Bachelor of Interior Design (BID), Academic Year – 2018-2019

Program Outcomes:

- **PO1. Design Knowledge:** Incorporate a global perspective when making design decisions, based on sustainable, socio-economic, and cultural contexts.
- PO2. Problem Analysis: Apply theories of human behaviour to human-centered design solutions.
- **PO3.** Design/Development of Solutions: Apply the design process to generate creative solutions to complex problems optimizing the human experience within the interior environment. Apply theory, psychology, and methodology of color to designs of the interior environment.
- **PO4. Individual and Team Work:** Collaborate in multi-disciplinary teams respecting a variety of points of view and perspectives that enrich the process and product of the team.
- **PO5. Communication:** Communicate complex ideas clearly to specialists and non-specialists through appropriate oral, written, and representational media.
- **PO6. Life Long Learning:** Exemplify accepted standards of professionalism and business practice including a commitment to engage in lifelong learning.
- **PO7. Context and Society:** Analyze interiors, architecture, the decorative arts, and art within a historical and cultural context to inform contemporary design solutions that relate with the society for whom the design solution is to be provided.
- **PO8. Synthesis of Concepts:** Synthesize theories and concepts of spatial definition and organization into multi-dimensional design solutions.
- **PO9. Modern Technique usage:** Specify furniture, fixtures, and equipment's of finish materials to meet the design criteria for a variety of interior spaces.
- **PO10.** Environment and Sustainability: Apply principles of lighting, acoustics, thermal comfort, and indoor air quality as required to enhance the health, safety, welfare, and performance of building occupants for overall sustainable development of the individuals.
- PO11. Ethics: Comply with laws, codes, and standards that impact fire safety and life safety.

PO12. Project/Construction Management: Produce construction drawings and documents using industry standards for a variety of interior spaces. Employ environment-behaviour research methodologies to address open-ended problems in interior design.

Program Specific Outcome:

As part of the school's charter and mission, Amity School of Architecture and Planning is providing a vibrant planning environment, ensuring its under-graduates are not only valued by the planning practice, but are also able to:

PSO1. Demonstrate critical thinking as they identify, analyze, and solve interior architecture and design problems through completion of interior design studio projects. Apply creative and critical thinking to solve interior environment problems from a human-cantered approach and apply this knowledge to design solutions.

PSO2. Demonstrate preparation for global design practice by incorporating cultural norms of user populations and applying that knowledge to design solutions that support globally diverse end users.

PSO3. Demonstrate effective visual, verbal, and written communication.

PSO4. Apply ethical and professional practices.

PSO5. Demonstrate social responsibility by designing sustainable interior environments that support indoor environmental quality and improve the quality of life for occupants.

PSO6. Engage in integrative professional design practice by contributing interior architecture and design expertise to collaborative design teams.

Note: - Correlation levels 1, 2 and 3 as defined below:

1: Slight (Low), 2: Moderate (Medium) and 3: Substantial (High)

If there is no correlation, put "-"

						P	ROG	RAN	1ME	ARTI	CULA	TIOI	N MA	ATRIX	(
SEM	SUBJECT CODE	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12	PO 13	PO 14	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5	PSO 6
	BID101	3	3	3	3	2	1	2	3	3	1	1	3	3	1	3	3	-	-	2	-
	BID102	2	2	3	2	2	1	-		1	2	2	2	-	1	1	3	-	-	-	-
	BID103	2	2	1	-	3	1	2	3	3	2	1	1	2	2	3	3	1	-	-	-
- 1	BID104	1	1	1	2	-	-	-	2	-	-	-	2	-	-	1	1	-	-	-	-
	BID105	3	2	3	2	1	1	2	3	1	2	-	3	-	1	3	3	-	-	2	-
	BID106	-	1	-	-	-	-	3	2	-	-	-	-	-	1	1	1	-	-	-	-
	BID107	3	2	3	3	1	1	3	-	3	3	-	3	2	3	3	3	3	-	-	-
	BID201	3	2	3	3	2	2	2	3	3	1	1	3	3	1	3	3	-	-	2	-
	BID202	3	-	3	2	2	2	-	1	1	1	3	3	2	1	1	2	-	-	-	-
	BID203	2	2	1	1	3	2	2	3	3	2	1	2	2	1	3	3	1	-	2	-
П	BID204	1	3	1	-	-	-	-	1	1	-	-	2	-	1	1	1	-	-	-	-
	BID205	1	-	3	3	1	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-
	BID206	1	1	-	-	-	-	3	3	3	-	-	-	-	-	1	3	-	-	-	-
	BID207	3	-	1	3	1	1	-	1	3	3	3	3	3	3	3	3	3	-	-	-
	BID301	3	3	3	3	2	2	2	3	3	1	1	2	3	1	3	3	-	-	2	-
	BID302	2	-	3	2	2	2	-	1	1	1	2	2	2	1	1	1	-	-	-	-
	BID303	2	2	2	2	-	3	2	-	1	-	-	-	2	-	1	1	-	-	-	-
Ш	BID304	3	3	-	-	3	-	-	3	3	-	-	-	-	-	1	1	-	-	-	-
	BID305	1	-	3	3	1	2	-	-	-	-	-	-	-	-	1	-	-	-	-	-
	BID306	1	1	-	-	2	-	3	3	3	-	-	-	-	-	-	-	-	-	-	-
	BID307	1	3	1	-	3	-	-	3	3	-	-	-	-	3	-	-	-	-	2	-
	BID401	3	3	3	3	2	2	2	3	3	2	1	2	3	1	3	3	-	-	2	-
	BID402	2	1	3	2	2	2	-	1	-	2	1	2	3	1	1	1	-	-	2	-
	BID403	2	2	2	3	1	2	1	1	-	-	-	-	2	-	3	1	-	-	2	-
IV	BID404	3	-	2	3	1	2	1	1	-	1	2	2	2	-	1	1	-	-	2	-
	BID405	3	1	1	1	1	1	-	3	3	3	2	2	1	1	3	3	-	-	-	-
	BID406	3	3	3	3	3	2	3	2	3	3	2	3	-	-	1	3	-	-	2	-
	BID407	3	2	3	3	2	2	2	2	3	3	-	-	-	1	1	3	-	-	-	-
	BID501	3	3	3	3	2	2	2	3	3	3	1	2	3	1	3	1	-	-	2	-
	BID502	2	1	3	2	2	2	1	1	-	1	1	2	3	1	1	1	-	-	-	-
V	BID503	2	1	2	3	-	3	1	1	-	-	3	-	2	3	3	1	-	-	2	-
V	BID504	2	1	1	3	-	3	-	-	-	-	3	-	2	3	3	1	-	-	2	-
	BID505	1	1	-	-	1	-	3	3	3	-	-	1	-	3	1	1	3	-	-	-
	BID506	3	3	3	3	2	2	3	3	2	3	3	3	3	1	3	3	-	-	2	-
	BID601	3	3	3	3	2	2	2	3	3	3	3	1	3	1	3	3	-	-	2	-
	BID602	1	-	3	3	2	2	2	3	3	-	2	1	-	-	3	3	3	-	-	-
	BID603	3	3	2	2	1	1	1	3	3	1	2	2	2	3	3	3	-	-	-	-
VI	BID604	3	2	3	3	2	2	2	3	3	3	2	3	3	-	3	3	-	-	2	-
	BID605	2	-	1	3	-	-	-	-	-	-	-	-	-	3	3	-	-	-	-	-
	BID606	3	2	3	3	1	2	2	3	3	-	3	-	-	-	3	2	-	-	-	-
	BID607	2	3	3	3	1	2	2	3	3	1	-	-	-	3	3	2	-	-	-	-
VII	BID701	3	3	3	3	2	3	ı	3	2	1	-	3	3	3	3	ı	-	-	2	-
VIII	BID 801	3	3	3	3	2	2	2	3	3	1	3	2	3	3	3	3	-	-	2	-

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BID 802	-	-	-	-	1	1	-	1	-	-	-	-	3	3	2	3	3	3	-	3
BID 803	1	-	2	1	1	2	-	2	1	-	1	-	2	3	2	1	2	-	-	-
BID 804	3	1	2	2	2	1	-	2	2	1	-	2	-	-	-	1	-	-	-	-
BID 805	1	3	1	1	2	1	2	1	2	1	1	-	2	1	2	-	-	-	-	-

DEPARTMENT OF ARCHITECTURE & PLANNING

Course Handout

Course :: Materials and Construction Techniques - III

Course Code: BID 402, Crédits: 03, Session: 2018-19 (Even Sem.), Class: BID 2nd Year

Faculty Name: Ar. Manish Kumar Chitranshi

Introduction:

The course will use a mix of drawings, Presentations & hands on workshop. Participants are encouraged to engage in active interaction through classroom participation.

G. Course Outcomes: At the end of the course, students will be able to:

CO1: Familiarize the students with advanced and speedy building techniques.

The understanding for the system to be adopted for the construction of large span structures.

CO2: To introduce and familiarize the students with advanced and speedy building techniques

CO3: The understanding for the system to be adopted for the construction of large span structures.

H. Programme Outcomes:

- **PO1. Design Knowledge:** Incorporate a global perspective when making design decisions, based on sustainable, socio-economic, and cultural contexts.
- **PO2. Problem Analysis:** Apply theories of human behaviour to human-centered design solutions.
- **PO3. Design/Development of Solutions:** Apply the design process to generate creative solutions to complex problems optimizing the human experience within the interior environment. Apply theory, psychology, and methodology of color to designs of the interior environment.
- **PO4. Individual and Team Work:** Collaborate in multi-disciplinary teams respecting a variety of points of view and perspectives that enrich the process and product of the team.
- **PO5. Communication:** Communicate complex ideas clearly to specialists and non-specialists through appropriate oral, written, and representational media.
- **PO6. Life Long Learning:** Exemplify accepted standards of professionalism and business practice including a commitment to engage in lifelong learning.
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- **PO8. Synthesis of Concepts:** Synthesize theories and concepts of spatial definition and organization into multi-dimensional design solutions.
- **PO9. Modern Technique usage:** Specify furniture, fixtures, and equipment's of finish materials to meet the design criteria for a variety of interior spaces.

- **PO10.** Environment and Sustainability: Apply principles of lighting, acoustics, thermal comfort, and indoor air quality as required to enhance the health, safety, welfare, and performance of building occupants for overall sustainable development of the individuals.
- **PO11. Ethics:** Comply with laws, codes, and standards that impact fire safety and life safety.
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I. Programme Specific Outcomes:

As part of the school's charter and mission, Amity School of Architecture and Planning is providing a vibrant planning environment, ensuring its under-graduates are not only valued by the planning practice, but are also able to:

- **PSO1.** Demonstrate critical thinking as they identify, analyze, and solve interior architecture and design problems through completion of interior design studio projects. Apply creative and critical thinking to solve interior environment problems from a human-cantered approach and apply this knowledge to design solutions.
- **PSO2.** Demonstrate preparation for global design practice by incorporating cultural norms of user populations and applying that knowledge to design solutions that support globally diverse end users.
- **PSO3.** Demonstrate effective visual, verbal, and written communication.
- **PSO4.** Apply ethical and professional practices.
- **PSO5.** Demonstrate social responsibility by designing sustainable interior environments that support indoor environmental quality and improve the quality of life for occupants.
- **PSO6.** Engage in integrative professional design practice by contributing interior architecture and design expertise to collaborative design teams.

Assessment Plan:

Component of	Description	Code	Weightage
Evaluation			%
Continuous Internal	Mid Term	СТ	10%
Evaluation	Seminar/Quiz/ Assignment	S/Q/A	15%
Attendance	A minimum of 75% Attendance is required to be maintained by a studentto be qualified for taking up the End Semester examination. The allowance of 25% includes all types of leaves including medical leaves.	A	5%
End Semester	End Semester	EE	70%
Examination	(Viva-Voce)		
Total			100%

J. Syllabus

Module I: Reinforced Cement Concrete

Descriptors/Topics

Reinforced Cement Concrete: Types, Mixing, Curing, Water Cement Ratio, and reinforced Brick Concrete, Qualities and workability

Module II: Prefabrication

Descriptors/Topics

Systems- open prefab system, large panel prefab system, joints, pre-casting methods, materials, on – site and off- site prefabrication, components etc.

Module III: False Ceilings

Descriptors/Topics

Introduction to false ceiling with all kind of materials, types and fixing methods.

Module IV: Steel/ Aluminum/Pre-fabrication windows

Descriptors/Topics

Steel casement windows with fixtures, fittings and methods of fixing.

Module V: Glazing

Descriptors/Topics

Skylights, Curtain walls, Double glazing, Eco Boards, wood and its products.

Module VI: Miscellaneous finishes

Descriptors/Topics

Flyash, Ceramics, Plastics, Rubber,

Module VII: Commercial Interior, Office Interior, Industrial Interiors

Descriptors/Topics

Structural steel works, Portal Frame Construction Techniques and construction materials. **Design problem**

Descriptors/Topics

The course should involve different design ideas and schemes to represent the designing of exhibition spaces, as these are the prime area of designing emerging in the modern world

Components	Attendance	Mid-Term	Assignment	EE
Weightage (%)	5	10	15	70

CT: Class Test, A: Assignment, S/V/Q: Seminar/Viva/Quiz, EE: End Semester Examination; A: Attendance **Text Reading:**

- [1] A VisualDictionary of Architecture, Francis D.K. Ching
- [2] Interior design illustrated, Francis D.K. Ching
- [3] House Book (The Complete Guide to Home Design), Terence Conran
- [4] Masonry (Concrete, Brick, Stone), Christine Beall
- [5] Metric Handbook (Planning & Design Data) 2nd Ed. Edited By, David Adler References:
- Window Fashion, Charles T. Randall
- Illustration + Perspectives (In Pantone Colors), Eiji Mitooka
- Elements of Architecture Meiss Pieree Von
- Architecture: Form, Space and Order Francis D.K. Ching
- □ The Construction of Building Vol- 1 to 5, R. Barry
- □ Building Construction, N.L. Arora &, B.R. Gupta
- Interior Detail 1 (Residence), Jeong, Kwang Young
- Interior Spaces Vol 6 (A Pictorial Review), Image Publishing Group

K. Lecture Plan

Lect	Topics	Mode	Correspon	Mode of
ure		of	ding CO	Assessing
		Delivery		СО
91.	Reinforced Cement Concrete:	Lecture	CO1	Mid Term-
	Types, Mixing, Curing, Water			1, Quiz &
	Cement Ratio, and			End Sem
	reinforced Brick Concrete,			Exam
	Qualities and			
	workabilityDesign			
	problem Introduction			
92.	Reinforced Cement Concrete:	Lecture	CO1	Mid Term-
	Types, Mixing, Curing, Water			1, Quiz &
	Cement Ratio, and			End Sem
	reinforced Brick Concrete,			Exam
	Qualities and			
	workabilityDesign			
	problem Introduction	1	004	.
93.	Reinforced Cement Concrete:	Lecture	CO1	Mid Term-
	Types, Mixing, Curing, Water			1, Quiz &
	Cement Ratio, and reinforced Brick Concrete,			End Sem
	Qualities and workability			Exam
94.	Reinforced Cement Concrete:	Lecture	CO1	Mid Term-
54.	Types, Mixing, Curing, Water	Lecture	601	
	Cement Ratio, and			1, Quiz &
				End Sem

	reinforced Brick Concrete, Qualities and workability			Exam
95.	Reinforced Cement Concrete: Types, Mixing, Curing, Water Cement Ratio, and reinforced Brick Concrete, Qualities and workabilityDesign problem Introduction	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
96.	Reinforced Cement Concrete: Types, Mixing, Curing, Water Cement Ratio, and reinforced Brick Concrete, Qualities and workability	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
97.	Reinforced Cement Concrete: Types, Mixing, Curing, Water Cement Ratio, and reinforced Brick Concrete, Qualities and workability	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
98.	Reinforced Cement Concrete: Types, Mixing, Curing, Water Cement Ratio, and reinforced Brick Concrete, Qualities and workability	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
99.	Reinforced Cement Concrete: Types, Mixing, Curing, Water Cement Ratio, and reinforced Brick Concrete, Qualities and workability	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
100.	Reinforced Cement Concrete: Types, Mixing, Curing, Water Cement Ratio, and reinforced Brick Concrete, Qualities and workability	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
101.	Systems- open prefab system, large panel prefab system, joints, pre-casting methods, materials, on – site and off- site prefabrication, components etc.	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
102.	Systems- open prefab system, large panel prefab system, joints, pre-casting methods, materials, on – site and off- site prefabrication, components etc.	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
103.	Systems- open prefab system, large panel prefab system, joints, pre-casting methods, materials, on –	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam

	site and off- site			
	prefabrication,			
	components etc.			
104.	Systems- open prefab system, large panel prefab system, joints, pre-casting methods, materials, on – site and off- site prefabrication, components etc.	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
105.	Systems- open prefab system, large panel prefab system, joints, pre-casting methods, materials, on – site and off- site prefabrication, components etc.	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
106.	Systems- open prefab system, large panel prefab system, joints, pre-casting methods, materials, on – site and off- site prefabrication, components etc.	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
107.	Systems- open prefab system, large panel prefab system, joints, pre-casting methods, materials, on – site and off- site prefabrication, components etc.	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
108.	Systems- open prefab system, large panel prefab system, joints, pre-casting methods, materials, on – site and off- site prefabrication, components etc.	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
109.	Systems- open prefab system, large panel prefab system, joints, pre-casting methods, materials, on – site and off- site prefabrication, components etc.	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
110.	Systems- open prefab system, large panel prefab system, joints, pre-casting methods, materials, on – site and off- site prefabrication, components etc.	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam

		1.	T a a .	–
111.	Systems- open prefab system, large panel prefab system, joints, pre-casting methods, materials, on – site and off- site prefabrication, components etc.	Lecture	CO1	Mid Term- 2, Quiz & End Sem Exam
112.	Systems- open prefab system, large panel prefab system, joints, pre-casting methods, materials, on – site and off- site prefabrication, components etc.	Lecture	CO1	Mid Term- 2, Quiz & End Sem Exam
113.	Systems- open prefab system, large panel prefab system, joints, pre-casting methods, materials, on – site and off- site prefabrication, components etc.	Lecture	CO1	Mid Term- 2, Quiz & End Sem Exam
114.	Introduction to false ceiling with all kind of materials, types and fixing methods	Lecture	CO1	Mid Term- 2, Quiz & End Sem Exam
115.	Introduction to false ceiling with all kind of materials, types and fixing methods	Lecture	CO1	Mid Term- 2, Quiz & End Sem Exam
116.	Introduction to false ceiling with all kind of materials, types and fixing methods	Lecture	CO2	Mid Term- 2, Quiz & End Sem Exam
117.	Introduction to false ceiling with all kind of materials, types and fixing methods	Lecture	CO2	Mid Term- 2, Quiz & End Sem Exam
118.	Introduction to false ceiling with all kind of materials, types and fixing methods	Lecture	CO2	Mid Term- 2, Quiz & End Sem Exam
119.	Introduction to false ceiling with all kind of materials, types and fixing methods	Lecture	CO2	Mid Term- 2, Quiz & End Sem Exam
120.	Introduction to false ceiling with all kind of materials, types and fixing methods	Lecture	CO2	Mid Term- 2, Quiz & End Sem Exam
121.	Introduction to false ceiling with all kind of materials,	Lecture	CO2	Mid Term-

	types and fixing methods			2, Quiz &
				End Sem
				Exam
122.	Introduction to false ceiling	Lecture	CO2	Mid Term-
	with all kind of materials,			2, Quiz &
	types and fixing methods			End Sem
				Exam
123.	Introduction to false ceiling	Lecture	CO2	Mid Term-
123.	with all kind of materials,	Lecture	602	2, Quiz &
	types and fixing methods			End Sem
				Exam
124.	Introduction to false ceiling	Lecture	CO2	Mid Term-
127.	with all kind of materials,	Lecture	CO2	2, Quiz &
	types and fixing methods			End Sem
				Exam
125.	Introduction to false ceiling	Lecture	CO2	Mid Term-
125.	with all kind of materials,	Lecture	COZ	
	types and fixing methods			2, Quiz & End Sem
	S			
126	Charles a company windows	1	602	Exam
126.	Steel casement windows with fixtures, fittings and	Lecture	CO2	Mid Term-
	methods of fixing			2, Quiz &
	methods of fixing			End Sem
				Exam
127.	Steel casement windows	Lecture	CO2	Quiz &
	with fixtures, fittings and methods of fixing			End Sem
	Ŭ.			Exam
128.	Steel casement windows	Lecture	CO2	Quiz &
	with fixtures, fittings and			End Sem
	methods of fixing			Exam
129.	Steel casement windows	Lecture	CO2	Quiz &
	with fixtures, fittings and			End Sem
	methods of fixing			Exam
130.	Skylights, Curtain walls,	Lecture	CO2	Quiz &
	Double glazing, Eco Boards,			End Sem
	wood and its products.			Exam
131.	Skylights, Curtain walls,	Lecture	CO2	Quiz &
	Double glazing, Eco Boards,			End Sem
	wood and its products.			Exam
132.	Steel casement windows	Lecture	CO2	Quiz &
	with fixtures, fittings and			End Sem
	methods of fixing			Exam
133.	Flyash, Ceramics, Plastics,	Lecture	CO2	Quiz &
	Rubber			End Sem
				Exam
134.	Flyash, Ceramics, Plastics,	Lecture	CO2	Quiz &
	Rubber			End Sem
				Exam
135.	Structural steel works, Portal	Lecture	CO2	Quiz &
100.	Frame Construction Techniques		332	End Sem
	and construction			Liid Sciii

	materials.		Exam	

L. Course Articulation Matrix (Mapping of COs with POs)

СО	STATEMENT		CORRELATION WITH PROGRAMME OUTCOMES										PRO	RELAT GRAM CIFIC C	ME			
		P O 1	P O 2	P O 3	P O 4	P O 5	P O 6	P O 7	P O 8	P O 9	P O 1	P O 1	P O 1		PS O2	PS O3	PS 04	PS 05
CO 01	Familiarize the students with advanced and speedy building techniques. The understanding for the system to be adopted for the construction of large span structures.	2	1	3	2	2	2	-	1	-	2	1	2	3	1	1	1	-
CO 02	To introduce and familiarize the students with advanced and speedy building techniques																	
CO 03	The understanding for the system to be adopted for the construction of large span structures.	2	1	3	2	2	2	-	1	-	2	1	2	3	1	1	1	-

Sample Question Paper

Amity School of Architecture & Planning I MID-SEMESTER (SEM –IV) 2021-22										
Class: BID IV Semester										
Subject Name: BID 402	Time: 2 Hrs	Max. Marks: 10								
Materials and Construction Techniques – III										

Levels of the questions as per Blooms Taxonomy	Remembering	Understanding	Applying	Analyzing	Evaluating	Creating
Question Mapping	Q.1,4	Q.2,3	Q.4	Q.2,5,6		

Student will be able to

CO1: List the broad perceptive of cloud architecture and model.

CO2: Apply different cloud programming models as per need.

CO Map	Question No.	Question	Marks
CO1	Q.1	Explain in brief the cloud computing concept.	3
CO1	Q.2a	What are the essential characteristics of cloud computing?	3
	Q.2b	How is cloud computing requirements and cloud servicerequirement services related to each other?	3
CO1	Q.3	Sketch NIST Cloud Computing Reference Architecture and depictits elements	6
CO2	Q.4	Explain the significance of Cloud Reference Model	3
603	Q.5a	Elaborate different cloud types with example.	3
CO2	Q.5b	Write characteristics of private cloud.	3
CO2	Q6	How virtualization is applied in cloud computing scenario?	6

Attainments		Rubric
Level	1	IF 60% of students secure more than 60% marks then level 1
Level	2	IF 70% of students secure more than 60% marks then level 2
Level	3	IF 80% of students secure more than 60% marks then level 3

Course outcome: Based on internal and external assessment the level of Course outcome attainment of the course BID/Course code BID 402 is level 2 for the academic year.



AMITY UNIVERSITY MADHYA PRADESH, GWALIOR AMITY SCHOOL OF ARCHITECTURE AND PLANNING DEPARTMENT OF ARCHITECTURE AND PLANNING

PROGRAMME OUTCOMES AND PROGRAMME SPECIFIC OUTCOMES Bachelor of Interior Design (BID), Academic Year – 2018-2019

Program Outcomes:

- **PO1. Design Knowledge:** Incorporate a global perspective when making design decisions, based on sustainable, socio-economic, and cultural contexts.
- PO2. Problem Analysis: Apply theories of human behaviour to human-centered design solutions.
- **PO3.** Design/Development of Solutions: Apply the design process to generate creative solutions to complex problems optimizing the human experience within the interior environment. Apply theory, psychology, and methodology of color to designs of the interior environment.
- **PO4. Individual and Team Work:** Collaborate in multi-disciplinary teams respecting a variety of points of view and perspectives that enrich the process and product of the team.
- **PO5. Communication:** Communicate complex ideas clearly to specialists and non-specialists through appropriate oral, written, and representational media.
- **PO6. Life Long Learning:** Exemplify accepted standards of professionalism and business practice including a commitment to engage in lifelong learning.
- **PO7. Context and Society:** Analyze interiors, architecture, the decorative arts, and art within a historical and cultural context to inform contemporary design solutions that relate with the society for whom the design solution is to be provided.
- **PO8. Synthesis of Concepts:** Synthesize theories and concepts of spatial definition and organization into multi-dimensional design solutions.
- **PO9. Modern Technique usage:** Specify furniture, fixtures, and equipment's of finish materials to meet the design criteria for a variety of interior spaces.
- **PO10.** Environment and Sustainability: Apply principles of lighting, acoustics, thermal comfort, and indoor air quality as required to enhance the health, safety, welfare, and performance of building occupants for overall sustainable development of the individuals.
- PO11. Ethics: Comply with laws, codes, and standards that impact fire safety and life safety.

PO12. Project/Construction Management: Produce construction drawings and documents using industry standards for a variety of interior spaces. Employ environment-behaviour research methodologies to address open-ended problems in interior design.

Program Specific Outcome:

As part of the school's charter and mission, Amity School of Architecture and Planning is providing a vibrant planning environment, ensuring its under-graduates are not only valued by the planning practice, but are also able to:

PSO1. Demonstrate critical thinking as they identify, analyze, and solve interior architecture and design problems through completion of interior design studio projects. Apply creative and critical thinking to solve interior environment problems from a human-cantered approach and apply this knowledge to design solutions.

PSO2. Demonstrate preparation for global design practice by incorporating cultural norms of user populations and applying that knowledge to design solutions that support globally diverse end users.

PSO3. Demonstrate effective visual, verbal, and written communication.

PSO4. Apply ethical and professional practices.

PSO5. Demonstrate social responsibility by designing sustainable interior environments that support indoor environmental quality and improve the quality of life for occupants.

PSO6. Engage in integrative professional design practice by contributing interior architecture and design expertise to collaborative design teams.

Note: - Correlation levels 1, 2 and 3 as defined below:

1: Slight (Low), 2: Moderate (Medium) and 3: Substantial (High)

If there is no correlation, put "-"

PROGRAMME ARTICULATION MATRIX																					
SEM	SUBJECT CODE	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12	PO 13	PO 14	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5	PSO 6
	BID101	3	3	3	3	2	1	2	3	3	1	1	3	3	1	3	3	-	-	2	-
	BID102	2	2	3	2	2	1	-		1	2	2	2	-	1	1	3	-	-	-	-
	BID103	2	2	1	-	3	1	2	3	3	2	1	1	2	2	3	3	1	-	-	-
- 1	BID104	1	1	1	2	-	-	-	2	-	-	-	2	-	-	1	1	-	-	-	-
	BID105	3	2	3	2	1	1	2	3	1	2	-	3	-	1	3	3	-	-	2	-
	BID106	-	1	-	-	-	-	3	2	-	-	-	-	-	1	1	1	-	-	-	-
	BID107	3	2	3	3	1	1	3	-	3	3	-	3	2	3	3	3	3	-	-	-
	BID201	3	2	3	3	2	2	2	3	3	1	1	3	3	1	3	3	-	-	2	-
	BID202	3	-	3	2	2	2	-	1	1	1	3	3	2	1	1	2	-	-	-	-
	BID203	2	2	1	1	3	2	2	3	3	2	1	2	2	1	3	3	1	-	2	-
П	BID204	1	3	1	-	-	-	-	1	1	-	-	2	-	1	1	1	-	-	-	-
	BID205	1	-	3	3	1	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-
	BID206	1	1	-	-	-	-	3	3	3	-	-	-	-	-	1	3	-	-	-	-
	BID207	3	-	1	3	1	1	-	1	3	3	3	3	3	3	3	3	3	-	-	-
	BID301	3	3	3	3	2	2	2	3	3	1	1	2	3	1	3	3	-	-	2	-
	BID302	2	-	3	2	2	2	-	1	1	1	2	2	2	1	1	1	-	-	-	-
	BID303	2	2	2	2	-	3	2	-	1	-	-	-	2	-	1	1	-	-	-	-
Ш	BID304	3	3	-	-	3	-	-	3	3	-	-	-	-	-	1	1	-	-	-	-
	BID305	1	-	3	3	1	2	-	-	-	-	-	-	-	-	1	-	-	-	-	-
	BID306	1	1	-	-	2	-	3	3	3	-	-	-	-	-	-	-	-	-	-	-
	BID307	1	3	1	-	3	-	-	3	3	-	-	-	-	3	-	-	-	-	2	-
	BID401	3	3	3	3	2	2	2	3	3	2	1	2	3	1	3	3	-	-	2	-
	BID402	2	1	3	2	2	2	-	1	-	2	1	2	3	1	1	1	-	-	2	-
	BID403	2	2	2	3	1	2	1	1	-	-	-	-	2	-	3	1	-	-	2	-
IV	BID404	3	-	2	3	1	2	1	1	-	1	2	2	2	-	1	1	-	-	2	-
	BID405	3	1	1	1	1	1	-	3	3	3	2	2	1	1	3	3	-	-	-	-
	BID406	3	3	3	3	3	2	3	2	3	3	2	3	-	-	1	3	-	-	2	-
	BID407	3	2	3	3	2	2	2	2	3	3	-	-	-	1	1	3	-	-	-	-
	BID501	3	3	3	3	2	2	2	3	3	3	1	2	3	1	3	1	-	-	2	-
	BID502	2	1	3	2	2	2	1	1	-	1	1	2	3	1	1	1	-	-	-	-
V	BID503	2	1	2	3	-	3	1	1	-	-	3	-	2	3	3	1	-	-	2	-
V	BID504	2	1	1	3	-	3	-	-	-	-	3	-	2	3	3	1	-	-	2	-
	BID505	1	1	-	-	1	-	3	3	3	-	-	1	-	3	1	1	3	-	-	-
	BID506	3	3	3	3	2	2	3	3	2	3	3	3	3	1	3	3	-	-	2	-
	BID601	3	3	3	3	2	2	2	3	3	3	3	1	3	1	3	3	-	-	2	-
	BID602	1	-	3	3	2	2	2	3	3	-	2	1	-	-	3	3	3	-	-	-
	BID603	3	3	2	2	1	1	1	3	3	1	2	2	2	3	3	3	-	-	-	-
VI	BID604	3	2	3	3	2	2	2	3	3	3	2	3	3	-	3	3	-	-	2	-
	BID605	2	-	1	3	-	-	-	-	-	-	-	-	-	3	3	-	-	-	-	-
	BID606	3	2	3	3	1	2	2	3	3	-	3	-	-	-	3	2	-	-	-	-
	BID607	2	3	3	3	1	2	2	3	3	1	-	-	-	3	3	2	-	-	-	-
VII	BID701	3	3	3	3	2	3	ı	3	2	1	-	3	3	3	3	ı	-	-	2	-
VIII	BID 801	3	3	3	3	2	2	2	3	3	1	3	2	3	3	3	3	-	-	2	-

			i						i											
BID 802	-	-	-	-	1	1	-	1	-	-	-	-	3	3	2	3	3	3	-	3
BID 803	1	-	2	1	1	2	-	2	1	-	1	-	2	3	2	1	2	-	-	-
BID 804	3	1	2	2	2	1	-	2	2	1	-	2	-	-	-	1	-	-	-	-
BID 805	1	3	1	1	2	1	2	1	2	1	1	-	2	1	2	-	-	-	-	-

DEPARTMENT OF ARCHITECTURE & PLANNING

Course Handout

Course: Building Services - II (Electrical, Fire Fighting & Security)

Course Code: BID 403, Crédits: 03, Session: 2018-19 (Even Sem.), Class: BID 2nd Year

Faculty Name: Ar. Manish Kumar Chitranshi

Introduction:

The course will use a mix of drawings, Presentations & hands on workshop. Participants are encouraged to engage in active interaction through classroom participation.

M. Course Outcomes: At the end of the course, students will be able to:

CO1:The course will use a mix of drawings, Presentations & hands on workshop. Participants are encouraged to engage in active interaction through classroom participation.

CO2: To initiate students into study of artificial and natural lighting

CO3: Introduction of fire regulations, firefighting equipment and life safety systems in terms of theory and its practical implementation in design.

N. Programme Outcomes:

- **PO1. Design Knowledge:** Incorporate a global perspective when making design decisions, based on sustainable, socio-economic, and cultural contexts.
- **PO2. Problem Analysis:** Apply theories of human behaviour to human-centered design solutions.
- **PO3. Design/Development of Solutions:** Apply the design process to generate creative solutions to complex problems optimizing the human experience within the interior environment. Apply theory, psychology, and methodology of color to designs of the interior environment.
- **PO4. Individual and Team Work:** Collaborate in multi-disciplinary teams respecting a variety of points of view and perspectives that enrich the process and product of the team.
- **PO5. Communication:** Communicate complex ideas clearly to specialists and non-specialists through appropriate oral, written, and representational media.
- **PO6. Life Long Learning:** Exemplify accepted standards of professionalism and business practice including a commitment to engage in lifelong learning.
- **PO7. Context and Society:** Analyze interiors, architecture, the decorative arts, and art within a historical and cultural context to inform contemporary design solutions that relate with the society for whom the design solution is to be provided.

- **PO8. Synthesis of Concepts:** Synthesize theories and concepts of spatial definition and organization into multi-dimensional design solutions.
- **PO9. Modern Technique usage:** Specify furniture, fixtures, and equipment's of finish materials to meet the design criteria for a variety of interior spaces.
- **PO10.** Environment and Sustainability: Apply principles of lighting, acoustics, thermal comfort, and indoor air quality as required to enhance the health, safety, welfare, and performance of building occupants for overall sustainable development of the individuals.
- **PO11. Ethics:** Comply with laws, codes, and standards that impact fire safety and life safety.
- **PO12. Project/Construction Management:** Produce construction drawings and documents using industry standards for a variety of interior spaces. Employ environment-behaviour research methodologies to address open-ended problems in interior design.

O. Programme Specific Outcomes:

As part of the school's charter and mission, Amity School of Architecture and Planning is providing a vibrant planning environment, ensuring its under-graduates are not only valued by the planning practice, but are also able to:

- **PSO1.** Demonstrate critical thinking as they identify, analyze, and solve interior architecture and design problems through completion of interior design studio projects. Apply creative and critical thinking to solve interior environment problems from a human-cantered approach and apply this knowledge to design solutions.
- **PSO2.** Demonstrate preparation for global design practice by incorporating cultural norms of user populations and applying that knowledge to design solutions that support globally diverse end users.
- **PSO3.** Demonstrate effective visual, verbal, and written communication.
- **PSO4.** Apply ethical and professional practices.
- **PSO5.** Demonstrate social responsibility by designing sustainable interior environments that support indoor environmental quality and improve the quality of life for occupants.
- **PSO6.** Engage in integrative professional design practice by contributing interior architecture and design expertise to collaborative design teams.

Assessment Plan:

Component of	Description	Code	Weightage
Evaluation			%
Continuous Internal	Mid Term	СТ	10%
Evaluation	Seminar/Quiz/ Assignment	S/Q/A	15%
Attendance	A minimum of 75% Attendance is required to be maintained by a studentto be qualified for taking up the End Semester	A	5%

	examination. The allowance of 25%		
	includes all types of leaves		
	including medical leaves.		
End Semester	End Semester	EE	70%
Examination	(Viva-Voce)		
Total			100%

P. Syllabus

Module I: Natural/artificial lighting

Descriptors/Topics

Natural/artificial lighting, Lighting of spaces, Lighting Equipment, Lighting conditions, Various systems of lighting

Module II: Internal/external wiring

Descriptors/Topics

Methods of Internal/ external wiring, Branch distribution boards, Lighting layout, fittings and fixtures.

Module III: Fire Regulations

Descriptors/Topics

Fire resistant and fire retardants materials and their application

Module IV: Firefighting Equipment

Descriptors/Topics

Firefighting Equipment, Fire resistant and methods to use, Code of Safety, fire regulations, fire insurance.

Wet risers, dry risers, sprinklers, smoke detectors, fire exists, water curtains.

Module V: Life Safety Systems

Descriptors/Topics

Intelligent interior consists of the use of high technology to maximize the

performance of fire alarms and security systems while at the same time minimizing costs.

Components	Attendance	Mid-Term	Assignment	EE
Weightage (%)	5	10	15	70

CT: Class Test, A: Assignment, S/V/Q: Seminar/Viva/Quiz, EE: End Semester Examination; A: Attendance **Text Reading:**

[1]

Air Conditioning, S. Shah

[2]

The Construction of Building Vol - 1 to 5, R. Barry

[3]

Drywall(Pro Tips for Hanging& Finishing), John D. Wagner

[4]

Graphic Interiors (Space Designed by Graphic Artists), Corina Dean

[5]

Interior design illustrated, Francis D.K. Ching

[6]

Graphic Interiors (Space Designed by Graphic Artists), Corina Dean

References:

- Building Construction, N.L. Arora &, B.R. Gupta
- Building Services, Anthony Rowley
- A.J. Metric Handbook, Jan Bilwa and Leslie Fair weather
- Architectural Graphic standards, Boaz Joseph
- The Curtain Book, Mitchll Beazlty
- Illustration + Perspectives (In Pantone Colors), Eiji Mitooka

Lecture	Topics	Mode	Correspon	Mode of
		of	ding CO	Assessing
		Delivery		СО

136.	Natural/artificial lighting, Lighting of spaces, Lighting Equipment, Lighting conditions, Various systems of lighting	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
137.	Natural/artificial lighting, Lighting of spaces, Lighting Equipment, Lighting conditions, Various systems of lighting	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
138.	Natural/artificial lighting, Lighting of spaces, Lighting Equipment, Lighting conditions, Various systems of lighting	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
139.	Natural/artificial lighting, Lighting of spaces, Lighting Equipment, Lighting conditions, Various systems of lighting	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
140.	Natural/artificial lighting, Lighting of spaces, Lighting Equipment, Lighting conditions, Various systems of lighting	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
141.	Natural/artificial lighting, Lighting of spaces, Lighting Equipment, Lighting conditions, Various systems of lighting	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam

142.	Natural/artificial lighting, Lighting of spaces, Lighting Equipment, Lighting conditions, Various systems of lighting	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
143.	Natural/artificial lighting, Lighting of spaces, Lighting Equipment, Lighting conditions, Various systems of lighting	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
144.	Natural/artificial lighting, Lighting of spaces, Lighting Equipment, Lighting conditions, Various systems of lighting	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
145.	Methods of Internal/ external wiring, Branch distribution boards, Lighting layout, fittings and fixtures.	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
146.	Methods of Internal/ external wiring, Branch distribution boards, Lighting layout, fittings and fixtures.	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
147.	Methods of Internal/ external wiring, Branch distribution boards, Lighting layout, fittings and fixtures.	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
148.	Methods of Internal/ external wiring, Branch distribution boards, Lighting layout, fittings and fixtures.	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam

149.	Methods of Internal/ external wiring, Branch distribution boards, Lighting layout, fittings and fixtures.	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
150.	Methods of Internal/ external wiring, Branch distribution boards, Lighting layout, fittings and fixtures.	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
151.	Methods of Internal/ external wiring, Branch distribution boards, Lighting layout, fittings and fixtures.	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
152.	Methods of Internal/ external wiring, Branch distribution boards, Lighting layout, fittings and fixtures.	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
153.	Fire resistant and fire retardants materials and their application	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
154.	Fire resistant and fire retardants materials and their application	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
155.	Fire resistant and fire retardants materials and their application Fire resistant and fire retardants materials and their application	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
156.	Fire resistant and fire retardants materials and their application	Lecture	CO1	Mid Term- 2, Quiz & End Sem Exam

157.	Fire resistant and fire retardants materials and their application	Lecture	CO1	Mid Term- 2, Quiz & End Sem Exam
158.	Fire resistant and fire retardants materials and their application	Lecture	CO1	Mid Term- 2, Quiz & End Sem Exam
159.	Fire resistant and fire retardants materials and their application	Lecture	CO1	Mid Term- 2, Quiz & End Sem Exam
160.	Fire resistant and fire retardants materials and their application	Lecture	CO1	Mid Term- 2, Quiz & End Sem Exam
161.	Fire resistant and fire retardants materials and their application	Lecture	CO2	Mid Term- 2, Quiz & End Sem Exam
162.	Fire resistant and fire retardants materials and their application	Lecture	CO2	Mid Term- 2, Quiz & End Sem Exam
163.	Firefighting Equipment, Fire resistant and methods to use, Code of Safety, fire regulations, fire insurance. Wet risers, dry risers, sprinklers, smoke detectors, fire exists, water curtains.	Lecture	CO2	Mid Term- 2, Quiz & End Sem Exam
164.	Firefighting Equipment, Fire resistant and methods to use, Code of Safety, fire regulations, fire insurance.	Lecture	CO2	Mid Term- 2, Quiz & End Sem Exam

	Wet risers, dry risers, sprinklers, smoke detectors, fire exists, water curtains.			
165.	Firefighting Equipment, Fire resistant and methods to use, Code of Safety, fire regulations, fire insurance. Wet risers, dry risers, sprinklers, smoke detectors, fire exists, water curtains.	Lecture	CO2	Mid Term- 2, Quiz & End Sem Exam
166.	Firefighting Equipment, Fire resistant and methods to use, Code of Safety, fire regulations, fire insurance. Wet risers, dry risers, sprinklers, smoke detectors, fire exists, water curtains.	Lecture	CO2	Mid Term- 2, Quiz & End Sem Exam
167.	Firefighting Equipment, Fire resistant and methods to use, Code of Safety, fire regulations, fire insurance. Wet risers, dry risers, sprinklers, smoke detectors, fire exists, water curtains.	Lecture	CO2	Mid Term- 2, Quiz & End Sem Exam
168.	Firefighting Equipment, Fire resistant and methods to use, Code of Safety, fire regulations, fire insurance. Wet risers, dry risers, sprinklers, smoke detectors, fire exists, water curtains.	Lecture	CO2	Mid Term- 2, Quiz & End Sem Exam

169.	Firefighting Equipment, Fire resistant and methods to use, Code of Safety, fire regulations, fire insurance. Wet risers, dry risers, sprinklers, smoke detectors, fire exists, water curtains.	Lecture	CO2	Mid Term- 2, Quiz & End Sem Exam
170.	Firefighting Equipment, Fire resistant and methods to use, Code of Safety, fire regulations, fire insurance. Wet risers, dry risers, sprinklers, smoke detectors, fire exists, water curtains.	Lecture	CO2	Mid Term- 2, Quiz & End Sem Exam
171.	Firefighting Equipment, Fire resistant and methods to use, Code of Safety, fire regulations, fire insurance. Wet risers, dry risers, sprinklers, smoke detectors, fire exists, water curtains.	Lecture	CO2	Mid Term- 2, Quiz & End Sem Exam
172.	Intelligent interior consists of the use of high technology to maximize the performance of fire alarms and security systems while at the same time minimizing costs.	Lecture	CO2	Quiz & End Sem Exam
173.	Intelligent interior consists of the use of high technology to maximize the	Lecture	CO2	Quiz & End Sem Exam

	performance of fire alarms and security systems while at the same time minimizing costs.			
174.	Intelligent interior consists of the use of high technology to maximize the performance of fire alarms and security systems while at the same time minimizing costs.	Lecture	CO2	Quiz & End Sem Exam
175.	Intelligent interior consists of the use of high technology to maximize the performance of fire alarms and security systems while at the same time minimizing costs.	Lecture	CO2	Quiz & End Sem Exam
176.	Intelligent interior consists of the use of high technology to maximize the performance of fire alarms and security systems while at the same time minimizing costs.	Lecture	CO2	Quiz & End Sem Exam
177.	Intelligent interior consists of the use of high technology to maximize the performance of fire alarms and security systems while at the same time minimizing costs.	Lecture	CO2	Quiz & End Sem Exam

178.	Intelligent interior consists of the use of high technology to maximize the performance of fire alarms and security systems while at the same time minimizing costs.	Lecture	CO2	Quiz & End Sem Exam
179.	Intelligent interior consists of the use of high technology to maximize the performance of fire alarms and security systems while at the same time minimizing costs.	Lecture	CO2	Quiz & End Sem Exam
180.	Intelligent interior consists of the use of high technology to maximize the performance of fire alarms and security systems while at the same time minimizing costs.	Lecture	CO2	Quiz & End Sem Exam

Q. Course Articulation Matrix (Mapping of COs with POs)

СО	STATEMENT		CORRELATION WITH PROGRAMME OUTCOMES												CORRELATION WITH PROGRAMME SPECIFIC OUTCOMES			
		P O	P O	P O	P O	P O	P O	P O	P O	P O	P O	P O	P O	PS O1	PS O2	PS O3	PS 04	PS 05
		1	2	3	4	5	6	7	8	9	1	1 1	1					
CO 01	The course will use a mix of drawings, Presentations & hands on workshop. Participants are encouraged to engage in active	2	2	2	3	1	2	1	1	-	-	-	1	2	-	3	1	-

	interaction through classroom participation.																	
CO 02	To initiate student into study of artificial and natural lighting																	
CO 03	introduction of fire regulations, firefighting equipment and life safety systems in terms of theory and its practical implementation in design.	2	2	2	3	1	2	1	1	-	-	1	1	2	-	3	1	

Sample Question Paper

	Amity School of Architecture & Planning I MID-SEMESTER (SEM –VI) 2021-22									
Class: BID IV Semester										
Subject Name: BID	403	Time: 2 Hrs			Ma	x. Marks: 10)			
Building Services	- II									
(Electrical, Fire Fig Security)	hting &									
Levels of the questions as per Blooms Taxonomy	Remembering	Understanding	Applying	Analyzing		Evaluating	Creating			
Question Mapping	Q.1,4	Q.2,3	Q.4	Q.2,5,	6					

Student will be able to

CO1: List the broad perceptive of cloud architecture and model.

CO2: Apply different cloud programming models as per need.

CO Map	Question No.	Question	Marks		
CO1	CO1 Q.1 Explain in brief the cloud computing concept.				
	Q.2a	What are the essential characteristics of cloud	3		

CO1		computing?	
	Q.2b	How is cloud computing requirements and cloud servicerequirement services related to each other?	3
CO1	Q.3	Sketch NIST Cloud Computing Reference Architecture and depictits elements	6
CO2	Q.4	Explain the significance of Cloud Reference Model	3
CO2	Q.5a	Elaborate different cloud types with example.	3
CO2	Q.5b	Write characteristics of private cloud.	3
CO2	Q 6	How virtualization is applied in cloud computing scenario?	6

Attainments		Rubric
Level	1	IF 60% of students secure more than 60% marks then level 1
Level	2	IF 70% of students secure more than 60% marks then level 2
Level	3	IF 80% of students secure more than 60% marks then level 3

Course outcome: Based on internal and external assessment the level of Course outcome attainment of the course BID/Course code BID 403 is level 2 for the academic year

AMITY UNIVERSITY MADHYA PRADESH, GWALIOR AMITY SCHOOL OF ARCHITECTURE AND PLANNING DEPARTMENT OF ARCHITECTURE AND PLANNING

PROGRAMME OUTCOMES AND PROGRAMME SPECIFIC OUTCOMES Bachelor of Interior Design (BID), Academic Year – 2018-2019

Program Outcomes:

- **PO1. Design Knowledge:** Incorporate a global perspective when making design decisions, based on sustainable, socio-economic, and cultural contexts.
- PO2. Problem Analysis: Apply theories of human behaviour to human-centered design solutions.
- **PO3.** Design/Development of Solutions: Apply the design process to generate creative solutions to complex problems optimizing the human experience within the interior environment. Apply theory, psychology, and methodology of color to designs of the interior environment.
- **PO4. Individual and Team Work:** Collaborate in multi-disciplinary teams respecting a variety of points of view and perspectives that enrich the process and product of the team.
- **PO5. Communication:** Communicate complex ideas clearly to specialists and non-specialists through appropriate oral, written, and representational media.
- **PO6. Life Long Learning:** Exemplify accepted standards of professionalism and business practice including a commitment to engage in lifelong learning.
- **PO7. Context and Society:** Analyze interiors, architecture, the decorative arts, and art within a historical and cultural context to inform contemporary design solutions that relate with the society for whom the design solution is to be provided.
- **PO8. Synthesis of Concepts:** Synthesize theories and concepts of spatial definition and organization into multi-dimensional design solutions.
- **PO9. Modern Technique usage:** Specify furniture, fixtures, and equipment's of finish materials to meet the design criteria for a variety of interior spaces.
- **PO10.** Environment and Sustainability: Apply principles of lighting, acoustics, thermal comfort, and indoor air quality as required to enhance the health, safety, welfare, and performance of building occupants for overall sustainable development of the individuals.
- PO11. Ethics: Comply with laws, codes, and standards that impact fire safety and life safety.

PO12. Project/Construction Management: Produce construction drawings and documents using industry standards for a variety of interior spaces. Employ environment-behaviour research methodologies to address open-ended problems in interior design.

Program Specific Outcome:

As part of the school's charter and mission, Amity School of Architecture and Planning is providing a vibrant planning environment, ensuring its under-graduates are not only valued by the planning practice, but are also able to:

PSO1. Demonstrate critical thinking as they identify, analyze, and solve interior architecture and design problems through completion of interior design studio projects. Apply creative and critical thinking to solve interior environment problems from a human-cantered approach and apply this knowledge to design solutions.

PSO2. Demonstrate preparation for global design practice by incorporating cultural norms of user populations and applying that knowledge to design solutions that support globally diverse end users.

PSO3. Demonstrate effective visual, verbal, and written communication.

PSO4. Apply ethical and professional practices.

PSO5. Demonstrate social responsibility by designing sustainable interior environments that support indoor environmental quality and improve the quality of life for occupants.

PSO6. Engage in integrative professional design practice by contributing interior architecture and design expertise to collaborative design teams.

Note: - Correlation levels 1, 2 and 3 as defined below:

1: Slight (Low), 2: Moderate (Medium) and 3: Substantial (High)

If there is no correlation, put "-"

	PROGRAMME ARTICULATION MATRIX										CULA	TIOI	N MA	ATRIX	(
SEM	SUBJECT CODE	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12	PO 13	PO 14	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5	PSO 6
	BID101	3	3	3	3	2	1	2	3	3	1	1	3	3	1	3	3	-	-	2	-
	BID102	2	2	3	2	2	1	-		1	2	2	2	-	1	1	3	-	-	-	-
	BID103	2	2	1	-	3	1	2	3	3	2	1	1	2	2	3	3	1	-	-	-
- 1	BID104	1	1	1	2	-	-	-	2	-	-	-	2	-	-	1	1	-	-	-	-
	BID105	3	2	3	2	1	1	2	3	1	2	-	3	-	1	3	3	-	-	2	-
	BID106	-	1	-	-	-	-	3	2	-	-	-	-	-	1	1	1	-	-	-	-
	BID107	3	2	3	3	1	1	3	-	3	3	-	3	2	3	3	3	3	-	-	-
	BID201	3	2	3	3	2	2	2	3	3	1	1	3	3	1	3	3	-	-	2	-
	BID202	3	-	3	2	2	2	-	1	1	1	3	3	2	1	1	2	-	-	-	-
	BID203	2	2	1	1	3	2	2	3	3	2	1	2	2	1	3	3	1	-	2	-
П	BID204	1	3	1	-	-	-	-	1	1	-	-	2	-	1	1	1	-	-	-	-
	BID205	1	-	3	3	1	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-
	BID206	1	1	-	-	-	-	3	3	3	-	-	-	-	-	1	3	-	-	-	-
	BID207	3	-	1	3	1	1	-	1	3	3	3	3	3	3	3	3	3	-	-	-
	BID301	3	3	3	3	2	2	2	3	3	1	1	2	3	1	3	3	-	-	2	-
	BID302	2	-	3	2	2	2	-	1	1	1	2	2	2	1	1	1	-	-	-	-
	BID303	2	2	2	2	-	3	2	-	1	-	-	-	2	-	1	1	-	-	-	-
Ш	BID304	3	3	-	-	3	-	-	3	3	-	-	-	-	-	1	1	-	-	-	-
	BID305	1	-	3	3	1	2	-	-	-	-	-	-	-	-	1	-	-	-	-	-
	BID306	1	1	-	-	2	-	3	3	3	-	-	-	-	-	-	-	-	-	-	-
	BID307	1	3	1	-	3	-	-	3	3	-	-	-	-	3	-	-	-	-	2	-
	BID401	3	3	3	3	2	2	2	3	3	2	1	2	3	1	3	3	-	-	2	-
	BID402	2	1	3	2	2	2	-	1	-	2	1	2	3	1	1	1	-	-	2	-
	BID403	2	2	2	3	1	2	1	1	-	-	-	-	2	-	3	1	-	-	2	-
IV	BID404	3	-	2	3	1	2	1	1	-	1	2	2	2	-	1	1	-	-	2	-
	BID405	3	1	1	1	1	1	-	3	3	3	2	2	1	1	3	3	-	-	-	-
	BID406	3	3	3	3	3	2	3	2	3	3	2	3	-	-	1	3	-	-	2	-
	BID407	3	2	3	3	2	2	2	2	3	3	-	-	-	1	1	3	-	-	-	-
	BID501	3	3	3	3	2	2	2	3	3	3	1	2	3	1	3	1	-	-	2	-
	BID502	2	1	3	2	2	2	1	1	-	1	1	2	3	1	1	1	-	-	-	-
V	BID503	2	1	2	3	-	3	1	1	-	-	3	-	2	3	3	1	-	-	2	-
V	BID504	2	1	1	3	-	3	-	-	-	-	3	-	2	3	3	1	-	-	2	-
	BID505	1	1	-	-	1	-	3	3	3	-	-	1	-	3	1	1	3	-	-	-
	BID506	3	3	3	3	2	2	3	3	2	3	3	3	3	1	3	3	-	-	2	-
	BID601	3	3	3	3	2	2	2	3	3	3	3	1	3	1	3	3	-	-	2	-
	BID602	1	-	3	3	2	2	2	3	3	-	2	1	-	-	3	3	3	-	-	-
	BID603	3	3	2	2	1	1	1	3	3	1	2	2	2	3	3	3	-	-	-	-
VI	BID604	3	2	3	3	2	2	2	3	3	3	2	3	3	-	3	3	-	-	2	-
	BID605	2	-	1	3	-	-	-	-	-	-	-	-	-	3	3	-	-	-	-	-
	BID606	3	2	3	3	1	2	2	3	3	-	3	-	-	-	3	2	-	-	-	-
	BID607	2	3	3	3	1	2	2	3	3	1	-	-	-	3	3	2	-	-	-	-
VII	BID701	3	3	3	3	2	3	1	3	2	1	-	3	3	3	3	ı	-	-	2	-
VIII	BID 801	3	3	3	3	2	2	2	3	3	1	3	2	3	3	3	3	-	-	2	-

			i						i											
BID 802	-	-	-	-	1	1	-	1	-	-	-	-	3	3	2	3	3	3	-	3
BID 803	1	-	2	1	1	2	-	2	1	-	1	-	2	3	2	1	2	-	-	-
BID 804	3	1	2	2	2	1	-	2	2	1	-	2	-	-	-	1	-	-	-	-
BID 805	1	3	1	1	2	1	2	1	2	1	1	-	2	1	2	-	-	-	-	-

DEPARTMENT OF ARCHITECTURE & PLANNING

Course Handout

Course: Interior Estimation, Specification & Costing

Course Code: BID 404, Crédits: 03, Session: 2018-19 (Even Sem.), Class: BID 2nd Year

Faculty Name: Ar. Manish Kumar Chitranshi

Introduction:

Laboratory sessions, which support the formal lecture material and also provide the student with practical construction, measurement and debugging skills. Participants are encouraged to engage in active interaction through classroom participation.

R. Course Outcomes: At the end of the course, students will be able to: CO1:Student should be able to working out quantities schedule of rates and Bill of Quantities. CO2:The objective of the course is to initiate into the theories and practices of estimation and surveying. In a project with the specification of the materials and quantities used along with their costing in the project of any kind either selected by the student or given by the college.

S. Programme Outcomes:

- **PO1. Design Knowledge:** Incorporate a global perspective when making design decisions, based on sustainable, socio-economic, and cultural contexts.
- PO2. Problem Analysis: Apply theories of human behaviour to human-centered design solutions.
- **PO3. Design/Development of Solutions:** Apply the design process to generate creative solutions to complex problems optimizing the human experience within the interior environment. Apply theory, psychology, and methodology of color to designs of the interior environment.
- **PO4. Individual and Team Work:** Collaborate in multi-disciplinary teams respecting a variety of points of view and perspectives that enrich the process and product of the team.
- **PO5. Communication:** Communicate complex ideas clearly to specialists and non-specialists through appropriate oral, written, and representational media.
- **PO6. Life Long Learning:** Exemplify accepted standards of professionalism and business practice including a commitment to engage in lifelong learning.
- **PO7. Context and Society:** Analyze interiors, architecture, the decorative arts, and art within a historical and cultural context to inform contemporary design solutions that relate with the society for whom the design solution is to be provided.

- **PO8. Synthesis of Concepts:** Synthesize theories and concepts of spatial definition and organization into multi-dimensional design solutions.
- **PO9. Modern Technique usage:** Specify furniture, fixtures, and equipment's of finish materials to meet the design criteria for a variety of interior spaces.
- **PO10.** Environment and Sustainability: Apply principles of lighting, acoustics, thermal comfort, and indoor air quality as required to enhance the health, safety, welfare, and performance of building occupants for overall sustainable development of the individuals.
- **PO11. Ethics:** Comply with laws, codes, and standards that impact fire safety and life safety.
- **PO12. Project/Construction Management:** Produce construction drawings and documents using industry standards for a variety of interior spaces. Employ environment-behaviour research methodologies to address open-ended problems in interior design.

T. Programme Specific Outcomes:

As part of the school's charter and mission, Amity School of Architecture and Planning is providing a vibrant planning environment, ensuring its under-graduates are not only valued by the planning practice, but are also able to:

- **PSO1.** Demonstrate critical thinking as they identify, analyze, and solve interior architecture and design problems through completion of interior design studio projects. Apply creative and critical thinking to solve interior environment problems from a human-cantered approach and apply this knowledge to design solutions.
- **PSO2.** Demonstrate preparation for global design practice by incorporating cultural norms of user populations and applying that knowledge to design solutions that support globally diverse end users.
- **PSO3.** Demonstrate effective visual, verbal, and written communication.
- **PSO4.** Apply ethical and professional practices.
- **PSO5.** Demonstrate social responsibility by designing sustainable interior environments that support indoor environmental quality and improve the quality of life for occupants.
- **PSO6.** Engage in integrative professional design practice by contributing interior architecture and design expertise to collaborative design teams.

Assessment Plan:

Component of	Description	Code	Weightage
Evaluation			%
Continuous Internal	Mid Term	СТ	10%
Evaluation	Seminar/Quiz/ Assignment	S/Q/A	15%
Attendance	A minimum of 75% Attendance is required to be maintained by a studentto be qualified for taking up the End Semester	A	5%

	examination. The allowance of 25%		
	includes all types of leaves		
	including medical leaves.		
End Semester	End Semester	EE	70%
Examination	(Viva-Voce)		
Total			100%

U. Syllabus

Module I: Introduction

Descriptors/Topics

Introduction to estimation, Estimation calculations, types of calculation, special jobs

Module II: Specifications

Descriptors/Topics

Introduction to specifications and writing detailed specification for various building materials, building construction works.

Module III: B.O.Q

Descriptors/Topics

Fire resistant and fire retardants materials and their application

Module IV: Firefighting Equipment

Descriptors/Topics

Working out quantities schedule of rates and Bill of Quantiti

Components	Attendance	Mid-Term	Assignment	EE
Weightage (%)	5	10	15	70

CT: Class Test, A: Assignment, S/V/Q: Seminar/Viva/Quiz, EE: End Semester Examination; A: Attendance **Text Reading:**

[1] The Construction of Building Vol - 1 to 5, R. Barry

[2]

Building Construction, N.L. Arora &, B.R. Gupta

References:

- Design for Living
- R.L.BAWA, Boniface G. Fernandes
- Metric Hand book (Planning and Design)

Edited by David Alder

Lecture	Topics	Mode of Delivery	Correspon ding CO	Mode of Assessing CO
181.	Introduction to estimation, Estimation calculations, types of calculation, special jobs	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
182.	Introduction to estimation, Estimation calculations, types of calculation, special jobs	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
183.	Introduction to estimation, Estimation calculations, types of calculation, special jobs	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
184.	Introduction to estimation, Estimation calculations, types of calculation, special jobs	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
185.	Introduction to estimation, Estimation calculations, types of calculation, special jobs	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
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188.	Introduction to estimation, Estimation calculations, types of calculation, special jobs	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
189.	Introduction to estimation, Estimation calculations, types of calculation, special jobs	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
190.	Introduction to specifications and writing detailed specification for various building materials, building construction works.	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
191.	Fire resistant and fire retardants materials and their application	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
192.	Fire resistant and fire retardants materials and their application	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
193.	Fire resistant and fire retardants materials and their application	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
194.	Fire resistant and fire retardants materials and their application	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
195.	Fire resistant and fire retardants materials and their application	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
196.	Fire resistant and fire retardants materials and their application	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam

197.	Fire resistant and fire retardants materials and their application	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
198.	Fire resistant and fire retardants materials and their application	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
199.	Fire resistant and fire retardants materials and their application	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
200.	Fire resistant and fire retardants materials and their application	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
201.	Fire resistant and fire retardants materials and their application	Lecture	CO1	Mid Term- 2, Quiz & End Sem Exam
202.	Fire resistant and fire retardants materials and their application	Lecture	CO1	Mid Term- 2, Quiz & End Sem Exam
203.	Fire resistant and fire retardants materials and their application	Lecture	CO1	Mid Term- 2, Quiz & End Sem Exam
204.	Fire resistant and fire retardants materials and their application	Lecture	CO1	Mid Term- 2, Quiz & End Sem Exam
205.	Fire resistant and fire retardants materials and their application	Lecture	CO1	Mid Term- 2, Quiz & End Sem Exam
206.	Fire resistant and fire retardants materials and their application	Lecture	CO2	Mid Term- 2, Quiz & End Sem Exam

207.	Fire resistant and fire retardants materials and their application	Lecture	CO2	Mid Term- 2, Quiz & End Sem Exam
208.	Working out quantities schedule of rates and Bill of Quantities	Lecture	CO2	Mid Term- 2, Quiz & End Sem Exam
209.	Working out quantities schedule of rates and Bill of Quantities	Lecture	CO2	Mid Term- 2, Quiz & End Sem Exam
210.	Working out quantities schedule of rates and Bill of Quantities	Lecture	CO2	Mid Term- 2, Quiz & End Sem Exam
211.	Working out quantities schedule of rates and Bill of Quantities	Lecture	CO2	Mid Term- 2, Quiz & End Sem Exam
212.	Working out quantities schedule of rates and Bill of Quantities	Lecture	CO2	Mid Term- 2, Quiz & End Sem Exam
213.	Working out quantities schedule of rates and Bill of Quantities	Lecture	CO2	Mid Term- 2, Quiz & End Sem Exam
214.	Working out quantities schedule of rates and Bill of Quantities	Lecture	CO2	Mid Term- 2, Quiz & End Sem Exam
215.	Working out quantities schedule of rates and Bill of Quantities	Lecture	CO2	Mid Term- 2, Quiz & End Sem Exam
216.	Working out quantities schedule of rates and Bill of Quantities	Lecture	CO2	Mid Term- 2, Quiz & End Sem Exam

217.	Working out quantities schedule of rates and Bill of Quantities	Lecture	CO2	Quiz & End Sem Exam
218.	Working out quantities schedule of rates and Bill of Quantities	Lecture	CO2	Quiz & End Sem Exam
219.	Working out quantities schedule of rates and Bill of Quantities	Lecture	CO2	Quiz & End Sem Exam
220.	Working out quantities schedule of rates and Bill of Quantities	Lecture	CO2	Quiz & End Sem Exam
221.	Working out quantities schedule of rates and Bill of Quantities	Lecture	CO2	Quiz & End Sem Exam
222.	Working out quantities schedule of rates and Bill of Quantities	Lecture	CO2	Quiz & End Sem Exam
223.	Working out quantities schedule of rates and Bill of Quantities	Lecture	CO2	Quiz & End Sem Exam
224.	Working out quantities schedule of rates and Bill of Quantities	Lecture	CO2	Quiz & End Sem Exam
225.	Working out quantities schedule of rates and Bill of Quantities	Lecture	CO2	Quiz & End Sem Exam

V. Course Articulation Matrix (Mapping of COs with POs)

СО	STATEMENT		CORRELATION WITH PROGRAMME OUTCOMES											CORRELATION WITH PROGRAMME SPECIFIC OUTCOMES				
		P O 1	P O 2	P O 3	P O 4	P O 5	P O 6	P O 7	P O 8	P O 9	P O 1	P O 1	P O 1	PS O1	PS O2	PS O3	PS 04	PS 05
CO 01	Student should be able to working out quantities schedule of rates and Bill of Quantities.	3	-	2	3	1	2	1	1	-	1	2	2	2	-	1	1	-
CO 02	The objective of the course is to initiate into the theories and practices of estimation and surveying. In a project with the specification of the materials and quantities used along with their costing in the project of any kind either selected by the student or given by the college.																	

Sample Question Paper

Amity School of Architecture & Planning I MID-SEMESTER (SEM -IV) 2021-22									
Class: BID IV Semester									
Subject Name: BID 404 Interior Estimation, Specification & Costing	Time: 2 Hrs	Max. Marks: 10							

Levels of the questions as per Blooms Taxonomy	Remembering	Understanding	Applying	Analyzing	Evaluating	Creating
Question Mapping	Q.1,4	Q.2,3	Q.4	Q.2,5,6		

Student will be able to

CO1: List the broad perceptive of cloud architecture and model.

CO2: Apply different cloud programming models as per need.

CO Map	Question No.	Question	Marks
CO1	Q.1	Explain in brief the cloud computing concept.	3
CO1	Q.2a	What are the essential characteristics of cloud computing?	3
	Q.2b	How is cloud computing requirements and cloud servicerequirement services related to each other?	3
CO1	Q.3	Sketch NIST Cloud Computing Reference Architecture and depictits elements	6
CO2	Q.4	Explain the significance of Cloud Reference Model	3
CO2	Q.5a	Elaborate different cloud types with example.	3
COZ	Q.5b	Write characteristics of private cloud.	3
CO2	Q6	How virtualization is applied in cloud computing scenario?	6

Attainments		Rubric
Level	1	IF 60% of students secure more than 60% marks then level 1
Level	2	IF 70% of students secure more than 60% marks then level 2
Level	3	IF 80% of students secure more than 60% marks then level 3

Course outcome: Based on internal and external assessment the level of Course outcome attainment of the course BID/Course code BID 404 is level 1 for the academic year.



AMITY UNIVERSITY MADHYA PRADESH, GWALIOR AMITY SCHOOL OF ARCHITECTURE AND PLANNING DEPARTMENT OF ARCHITECTURE AND PLANNING

PROGRAMME OUTCOMES AND PROGRAMME SPECIFIC OUTCOMES Bachelor of Interior Design (BID), Academic Year – 2018-2019

Program Outcomes:

- **PO1. Design Knowledge:** Incorporate a global perspective when making design decisions, based on sustainable, socio-economic, and cultural contexts.
- PO2. Problem Analysis: Apply theories of human behaviour to human-centered design solutions.
- **PO3.** Design/Development of Solutions: Apply the design process to generate creative solutions to complex problems optimizing the human experience within the interior environment. Apply theory, psychology, and methodology of color to designs of the interior environment.
- **PO4. Individual and Team Work:** Collaborate in multi-disciplinary teams respecting a variety of points of view and perspectives that enrich the process and product of the team.
- **PO5. Communication:** Communicate complex ideas clearly to specialists and non-specialists through appropriate oral, written, and representational media.
- **PO6. Life Long Learning:** Exemplify accepted standards of professionalism and business practice including a commitment to engage in lifelong learning.
- **PO7. Context and Society:** Analyze interiors, architecture, the decorative arts, and art within a historical and cultural context to inform contemporary design solutions that relate with the society for whom the design solution is to be provided.
- **PO8. Synthesis of Concepts:** Synthesize theories and concepts of spatial definition and organization into multi-dimensional design solutions.
- **PO9. Modern Technique usage:** Specify furniture, fixtures, and equipment's of finish materials to meet the design criteria for a variety of interior spaces.
- **PO10.** Environment and Sustainability: Apply principles of lighting, acoustics, thermal comfort, and indoor air quality as required to enhance the health, safety, welfare, and performance of building occupants for overall sustainable development of the individuals.
- PO11. Ethics: Comply with laws, codes, and standards that impact fire safety and life safety.

PO12. Project/Construction Management: Produce construction drawings and documents using industry standards for a variety of interior spaces. Employ environment-behaviour research methodologies to address open-ended problems in interior design.

Program Specific Outcome:

As part of the school's charter and mission, Amity School of Architecture and Planning is providing a vibrant planning environment, ensuring its under-graduates are not only valued by the planning practice, but are also able to:

PSO1. Demonstrate critical thinking as they identify, analyze, and solve interior architecture and design problems through completion of interior design studio projects. Apply creative and critical thinking to solve interior environment problems from a human-cantered approach and apply this knowledge to design solutions.

PSO2. Demonstrate preparation for global design practice by incorporating cultural norms of user populations and applying that knowledge to design solutions that support globally diverse end users.

PSO3. Demonstrate effective visual, verbal, and written communication.

PSO4. Apply ethical and professional practices.

PSO5. Demonstrate social responsibility by designing sustainable interior environments that support indoor environmental quality and improve the quality of life for occupants.

PSO6. Engage in integrative professional design practice by contributing interior architecture and design expertise to collaborative design teams.

Note: - Correlation levels 1, 2 and 3 as defined below:

1: Slight (Low), 2: Moderate (Medium) and 3: Substantial (High)

If there is no correlation, put "-"

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SEM	SUBJECT CODE	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12	PO 13	PO 14	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5	PSO 6
	BID101	3	3	3	3	2	1	2	3	3	1	1	3	3	1	3	3	-	-	2	-
	BID102	2	2	3	2	2	1	-		1	2	2	2	-	1	1	3	-	-	-	-
	BID103	2	2	1	-	3	1	2	3	3	2	1	1	2	2	3	3	1	-	-	-
- 1	BID104	1	1	1	2	-	-	-	2	-	-	-	2	-	-	1	1	-	-	-	-
	BID105	3	2	3	2	1	1	2	3	1	2	-	3	-	1	3	3	-	-	2	-
	BID106	-	1	-	-	-	-	3	2	-	-	-	-	-	1	1	1	-	-	-	-
	BID107	3	2	3	3	1	1	3	-	3	3	-	3	2	3	3	3	3	-	-	-
	BID201	3	2	3	3	2	2	2	3	3	1	1	3	3	1	3	3	-	-	2	-
	BID202	3	-	3	2	2	2	-	1	1	1	3	3	2	1	1	2	-	-	-	-
	BID203	2	2	1	1	3	2	2	3	3	2	1	2	2	1	3	3	1	-	2	-
П	BID204	1	3	1	-	-	-	-	1	1	-	-	2	-	1	1	1	-	-	-	-
	BID205	1	-	3	3	1	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-
	BID206	1	1	-	-	-	-	3	3	3	-	-	-	-	-	1	3	-	-	-	-
	BID207	3	-	1	3	1	1	-	1	3	3	3	3	3	3	3	3	3	-	-	-
	BID301	3	3	3	3	2	2	2	3	3	1	1	2	3	1	3	3	-	-	2	-
	BID302	2	-	3	2	2	2	-	1	1	1	2	2	2	1	1	1	-	-	-	-
	BID303	2	2	2	2	-	3	2	-	1	-	-	-	2	-	1	1	-	-	-	-
Ш	BID304	3	3	-	-	3	-	-	3	3	-	-	-	-	-	1	1	-	-	-	-
	BID305	1	-	3	3	1	2	-	-	-	-	-	-	-	-	1	-	-	-	-	-
	BID306	1	1	-	-	2	-	3	3	3	-	-	-	-	-	-	-	-	-	-	-
	BID307	1	3	1	-	3	-	-	3	3	-	-	-	-	3	-	-	-	-	2	-
	BID401	3	3	3	3	2	2	2	3	3	2	1	2	3	1	3	3	-	-	2	-
	BID402	2	1	3	2	2	2	-	1	-	2	1	2	3	1	1	1	-	-	2	-
	BID403	2	2	2	3	1	2	1	1	-	-	-	-	2	-	3	1	-	-	2	-
IV	BID404	3	-	2	3	1	2	1	1	-	1	2	2	2	-	1	1	-	-	2	-
	BID405	3	1	1	1	1	1	-	3	3	3	2	2	1	1	3	3	-	-	-	-
	BID406	3	3	3	3	3	2	3	2	3	3	2	3	-	-	1	3	-	-	2	-
	BID407	3	2	3	3	2	2	2	2	3	3	-	-	-	1	1	3	-	-	-	-
	BID501	3	3	3	3	2	2	2	3	3	3	1	2	3	1	3	1	-	-	2	-
	BID502	2	1	3	2	2	2	1	1	-	1	1	2	3	1	1	1	-	-	-	-
V	BID503	2	1	2	3	-	3	1	1	-	-	3	-	2	3	3	1	-	-	2	-
V	BID504	2	1	1	3	-	3	-	-	-	-	3	-	2	3	3	1	-	-	2	-
	BID505	1	1	-	-	1	-	3	3	3	-	-	1	-	3	1	1	3	-	-	-
	BID506	3	3	3	3	2	2	3	3	2	3	3	3	3	1	3	3	-	-	2	-
	BID601	3	3	3	3	2	2	2	3	3	3	3	1	3	1	3	3	-	-	2	-
	BID602	1	-	3	3	2	2	2	3	3	-	2	1	-	-	3	3	3	-	-	-
	BID603	3	3	2	2	1	1	1	3	3	1	2	2	2	3	3	3	-	-	-	-
VI	BID604	3	2	3	3	2	2	2	3	3	3	2	3	3	-	3	3	-	-	2	-
	BID605	2	-	1	3	-	-	-	-	-	-	-	-	-	3	3	-	-	-	-	-
	BID606	3	2	3	3	1	2	2	3	3	-	3	-	-	-	3	2	-	-	-	-
	BID607	2	3	3	3	1	2	2	3	3	1	-	-	-	3	3	2	-	-	-	-
VII	BID701	3	3	3	3	2	3	1	3	2	1	-	3	3	3	3	ı	-	-	2	-
VIII	BID 801	3	3	3	3	2	2	2	3	3	1	3	2	3	3	3	3	-	-	2	-

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BID 802	-	-	-	-	1	1	-	1	-	-	-	-	3	3	2	3	3	3	-	3
BID 803	1	-	2	1	1	2	-	2	1	-	1	-	2	3	2	1	2	-	-	-
BID 804	3	1	2	2	2	1	-	2	2	1	-	2	-	-	-	1	-	-	-	-
BID 805	1	3	1	1	2	1	2	1	2	1	1	-	2	1	2	-	-	-	-	-

DEPARTMENT OF ARCHITECTURE & PLANNING

Course Handout

Course: Workshop – III (Ceramics, metal and mural)

Course Code: BID 405, Crédits: 04, Session: 2018-19 (Even Sem.), Class: BID 2nd Year

Faculty Name: Ar. Manish Kumar Chitranshi

Introduction:

Laboratory sessions, which support the formal lecture material and also provide the student with practical construction, measurement and debugging skills. Participants are encouraged to engage in active interaction through classroom participation.

- W. Course Outcomes: At the end of the course, students will be able to:
 - CO1: They are familiar with technology that is used to design ceramics metal and wall art work in construction market to design high-end products.
 - **CO2**:Ceramic, metal and mural designing course is a combination of creativity, science as well as technology.
 - **co3**:The ceramic, metal and mural designing is an exclusive and creative course for students who want to study designing as well as engineering for open-end career options in Interior decoration.
- **CO4:** The course, designed in a way that students learn technology for production of Glasses has advanced to designing in a way that is safe for environment and energy efficient.

CO5: The Glass and Ceramics based products, over the years have become luxurious and artistic with lightweight, energy-saving and wear-resistant ceramic products such as ceramic ceiling tiles, floor tiles, ceramic sanitary-wares, pottery, table-ware, ornamental-ware, biomedical implants, jeengine turbines, bullet-resistant vests etc.

X. Programme Outcomes:

- **PO1. Design Knowledge:** Incorporate a global perspective when making design decisions, based on sustainable, socio-economic, and cultural contexts.
- PO2. Problem Analysis: Apply theories of human behaviour to human-centered design solutions.
- **PO3. Design/Development of Solutions:** Apply the design process to generate creative solutions to complex problems optimizing the human experience within the interior environment. Apply

theory, psychology, and methodology of color to designs of the interior environment.

- **PO4. Individual and Team Work:** Collaborate in multi-disciplinary teams respecting a variety of points of view and perspectives that enrich the process and product of the team.
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- **PO11. Ethics:** Comply with laws, codes, and standards that impact fire safety and life safety.
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Y. Programme Specific Outcomes:

As part of the school's charter and mission, Amity School of Architecture and Planning is providing a vibrant planning environment, ensuring its under-graduates are not only valued by the planning practice, but are also able to:

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- **PSO2.** Demonstrate preparation for global design practice by incorporating cultural norms of user populations and applying that knowledge to design solutions that support globally diverse end users.
- **PSO3.** Demonstrate effective visual, verbal, and written communication.
- **PSO4.** Apply ethical and professional practices.
- **PSO5.** Demonstrate social responsibility by designing sustainable interior environments that support indoor environmental quality and improve the quality of life for occupants.
- **PSO6.** Engage in integrative professional design practice by contributing interior architecture

and design expertise to collaborative design teams.

Assessment Plan:

Component of	Description	Code	Weightage
Evaluation			%
Continuous Internal	Mid Term	СТ	10%
Evaluation	Seminar/Quiz/ Assignment	S/Q/A	15%
Attendance	A minimum of 75% Attendance is required to be maintained by a studentto be qualified for taking up the End Semester examination. The allowance of 25% includes all types of leaves including medical leaves.	A	5%
End Semester	End Semester	VV	70%
Examination	(Viva-Voce)		
Total			100%

Z. Syllabus

Module I: Introduction

Descriptors/Topics

Introduction to Ceramics and metal models, wall paintings

Module II: Tools and techniques for hard material designing

Descriptors/Topics

Introduction to tools and techniques for Ceramics and metal models ,wall paintings/mural /stucco

Module III: Model making and manufacturing

Descriptors/Topics

Work within a variety of composite models of ceramics ,metals and hands on wall paintings in different mediums

Components	Attendance	Mid-Term	Assignment	VV
Weightage (%)	5	10	15	70

CT: Class Test, A: Assignment, S/V/Q: Seminar/Viva/Quiz, EE: End Semester Examination; A: Attendance **Text Reading:**

Things of Beauty Growing by Glenn Adamson, Glenn Adamson, MartinaDroth, Simon Olding [2]

Ceramics: Materials for InspirationalDesign (Interior and Industrial Design)

References:

- Design for Living
- R.L.BAWA, Boniface G. Fernandes

Lecture	Topics	Mode of Delivery	Correspon ding CO	Mode of Assessing CO
226.	Introduction to estimation, Estimation calculations, types of calculation, special jobs	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
227.	Introduction to estimation, Estimation calculations, types of calculation, special jobs	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
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245.	Fire resistant and fire retardants materials and their application	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
246.	Introduction to tools and techniques for Ceramics and metal models ,wall paintings/mural /stucco	Lecture	CO1	Mid Term- 2, Quiz & End Sem Exam
247.	Introduction to tools and techniques for Ceramics and metal models ,wall paintings/mural /stucco	Lecture	CO1	Mid Term- 2, Quiz & End Sem Exam
248.	Introduction to tools and techniques for Ceramics and metal models ,wall paintings/mural /stucco	Lecture	CO1	Mid Term- 2, Quiz & End Sem Exam
249.	Introduction to tools and techniques for Ceramics and metal models ,wall paintings/mural /stucco	Lecture	CO1	Mid Term- 2, Quiz & End Sem Exam

250.	Introduction to tools and techniques for Ceramics and metal models ,wall paintings/mural /stucco	Lecture	CO1	Mid Term- 2, Quiz & End Sem Exam
251.	Introduction to tools and techniques for Ceramics and metal models ,wall paintings/mural /stucco	Lecture	CO2	Mid Term- 2, Quiz & End Sem Exam
252.	Introduction to tools and techniques for Ceramics and metal models ,wall paintings/mural /stucco	Lecture	CO2	Mid Term- 2, Quiz & End Sem Exam
253.	Introduction to tools and techniques for Ceramics and metal models ,wall paintings/mural /stucco	Lecture	CO2	Mid Term- 2, Quiz & End Sem Exam
254.	Introduction to tools and techniques for Ceramics and metal models ,wall paintings/mural /stucco	Lecture	CO2	Mid Term- 2, Quiz & End Sem Exam
255.	Introduction to tools and techniques for Ceramics and metal models ,wall paintings/mural /stucco	Lecture	CO2	Mid Term- 2, Quiz & End Sem Exam
256.	Introduction to tools and techniques for Ceramics and metal models ,wall paintings/mural /stucco	Lecture	CO2	Mid Term- 2, Quiz & End Sem Exam

257.	Introduction to tools and techniques for Ceramics and metal models ,wall paintings/mural /stucco	Lecture	CO2	Mid Term- 2, Quiz & End Sem Exam
258.	Introduction to tools and techniques for Ceramics and metal models ,wall paintings/mural /stucco	Lecture	CO2	Mid Term- 2, Quiz & End Sem Exam
259.	Introduction to tools and techniques for Ceramics and metal models ,wall paintings/mural /stucco	Lecture	CO2	Mid Term- 2, Quiz & End Sem Exam
260.	Introduction to tools and techniques for Ceramics and metal models ,wall paintings/mural /stucco	Lecture	CO2	Mid Term- 2, Quiz & End Sem Exam
261.	Introduction to tools and techniques for Ceramics and metal models ,wall paintings/mural /stucco	Lecture	CO2	Mid Term- 2, Quiz & End Sem Exam
262.	Introduction to tools and techniques for Ceramics and metal models ,wall paintings/mural /stucco	Lecture	CO2	Quiz & End Sem Exam
263.	Introduction to tools and techniques for Ceramics and metal models ,wall paintings/mural /stucco	Lecture	CO2	Quiz & End Sem Exam

264.	Introduction to tools and techniques for Ceramics and metal models ,wall paintings/mural /stucco	Lecture	CO2	Quiz & End Sem Exam
265.	Introduction to tools and techniques for Ceramics and metal models ,wall paintings/mural /stucco	Lecture	CO2	Quiz & End Sem Exam
266.	Work within a variety of composite models of ceramics ,metals and hands on wall paintings in different mediums	Lecture	CO2	Quiz & End Sem Exam
267.	Work within a variety of composite models of ceramics ,metals and hands on wall paintings in different mediums	Lecture	CO2	Quiz & End Sem Exam
268.	Work within a variety of composite models of ceramics ,metals and hands on wall paintings in different mediums	Lecture	CO2	Quiz & End Sem Exam
269.	Work within a variety of composite models of ceramics, metals and hands on wall paintings in different mediums	Lecture	CO2	Quiz & End Sem Exam

270.	Work within a variety of composite models of ceramics, metals and hands on wall paintings in different mediums	Lecture	CO2	Quiz & End Sem Exam
271.	Work within a variety of composite models of ceramics ,metals and hands on wall paintings in different mediums	Lecture	CO2	Quiz & End Sem Exam
272.	Work within a variety of composite models of ceramics, metals and hands on wall paintings in different mediums	Lecture	CO2	Quiz & End Sem Exam
273.	Work within a variety of composite models of ceramics, metals and hands on wall paintings in different mediums	Lecture	CO2	Quiz & End Sem Exam
274.	Work within a variety of composite models of ceramics, metals and hands on wall paintings in different mediums	Lecture	CO2	Quiz & End Sem Exam
275.	Work within a variety of composite models of ceramics, metals and hands on wall	Lecture	CO2	Quiz & End Sem Exam

276.	paintings in different mediums Work within a variety of composite models of ceramics ,metals and hands on wall paintings in different mediums	Lecture	CO2	Quiz & End Sem Exam
277.	Work within a variety of composite models of ceramics ,metals and hands on wall paintings in different mediums	Lecture	CO2	Quiz & End Sem Exam
278.	Work within a variety of composite models of ceramics, metals and hands on wall paintings in different mediums	Lecture	CO2	Quiz & End Sem Exam
279.	Work within a variety of composite models of ceramics, metals and hands on wall paintings in different mediums	Lecture	CO2	Quiz & End Sem Exam
280.	Work within a variety of composite models of ceramics ,metals and hands on wall paintings in different mediums	Lecture	CO2	Quiz & End Sem Exam

281.	Work within a variety of composite models of ceramics ,metals and hands on wall paintings in different mediums	Lecture	CO2	Quiz & End Sem Exam
282.	Work within a variety of composite models of ceramics, metals and hands on wall paintings in different mediums	Lecture	CO2	Quiz & End Sem Exam
283.	Work within a variety of composite models of ceramics, metals and hands on wall paintings in different mediums	Lecture	CO2	Quiz & End Sem Exam
284.	Work within a variety of composite models of ceramics, metals and hands on wall paintings in different mediums	Lecture	CO2	Quiz & End Sem Exam
285.	Work within a variety of composite models of ceramics, metals and hands on wall paintings in different mediums	Lecture	CO2	Quiz & End Sem Exam

СО	STATEMENT		COF	RREL			/ITH COM		GRA	MMI	=			PRO	RELAT GRAM IFIC O	ME		
		P O 1	P O 2	P O 3	P O 4	P O 5	P O 6	P O 7	P O 8	P O 9	P O 1	P O 1	P O 1 2	PS O1	PS O2	PS O3	PS 04	PS 05
CO 01	They are familiar with technology that is used to design ceramics metal and wall art work in construction market to design high-end products.	3	1	1	1	1	1	-	3	3	3	2	2	1	1	3	3	-
CO 02	Ceramic, metal and mural designing course is a combination of creativity, science as well as technology.																	
CO 03	The ceramic, metal and mural designing is an exclusive and creative course for students who want to study designing as well as engineering for open-end career options in Interior decoration.	3	1	1	1	1	1	-	3	3	n	2	2	1	1	3	3	_
CO 04	The course, designed in a way that students learn technology for production of Glasses has advanced to designing in a way																	

	that is safe for								
	environment and								
	energy efficient.								
CO 05	The Glass and								
	Ceramics based								
	products, over the								
	years have become								
	luxurious and								
	artistic with								
	lightweight,								
	energy-saving and								
	wear-resistant								
	ceramic products								
	such as ceramic								
	ceiling tiles, floor								
	tiles, ceramic								
	sanitary-wares,								
	pottery, table-								
	ware,ornamental-								
	ware, biomedical								
	implants, jeengine								
	turbines, bullet-								
	resistant vests etc.								
	resistant vests etc.								

Sample Question Paper

Amity School of Architecture & Planning I MID-SEMESTER (SEM -IV) 2021-22												
Class: BID IV Semester												
Subject Name: BI Workshop – III (C and mural)		Time: 2 Hrs		N	ax. Marks: 10)						
Levels of the questions as per Blooms	Remembering	Understanding	Applying	Analyzing	g Evaluating	Creating						

Taxonomy					
Question Mapping	Q.1,4	Q.2,3	Q.4	Q.2,5,6	

Student will be able to

CO1: List the broad perceptive of cloud architecture and model. CO2: Apply different cloud programming models as per need.

СО Мар	Question No.	Question	Marks
CO1	Q.1	Explain in brief the cloud computing concept.	3
CO1	Q.2a	What are the essential characteristics of cloud computing?	3
	Q.2b	How is cloud computing requirements and cloud servicerequirement services related to each other?	3
CO1	Q.3	Sketch NIST Cloud Computing Reference Architecture and depictits elements	6
CO2	Q.4	Explain the significance of Cloud Reference Model	3
602	Q.5a	Elaborate different cloud types with example.	3
CO2	Q.5b	Write characteristics of private cloud.	3
CO2	Q 6	How virtualization is applied in cloud computing scenario?	6

Attainments		Rubric
Level	1	IF 60% of students secure more than 60% marks then level 1
Level	2	IF 70% of students secure more than 60% marks then level 2
Level	3	IF 80% of students secure more than 60% marks then level 3

Course outcome: Based on internal and external assessment the level of Course outcome attainment of the course BID/Course code bid 405 is level 2 for the academic year.



AMITY UNIVERSITY MADHYA PRADESH, GWALIOR AMITY SCHOOL OF ARCHITECTURE AND PLANNING DEPARTMENT OF ARCHITECTURE AND PLANNING

PROGRAMME OUTCOMES AND PROGRAMME SPECIFIC OUTCOMES Bachelor of Interior Design (BID), Academic Year – 2018-2019

Program Outcomes:

- **PO1. Design Knowledge:** Incorporate a global perspective when making design decisions, based on sustainable, socio-economic, and cultural contexts.
- PO2. Problem Analysis: Apply theories of human behaviour to human-centered design solutions.
- **PO3.** Design/Development of Solutions: Apply the design process to generate creative solutions to complex problems optimizing the human experience within the interior environment. Apply theory, psychology, and methodology of color to designs of the interior environment.
- **PO4. Individual and Team Work:** Collaborate in multi-disciplinary teams respecting a variety of points of view and perspectives that enrich the process and product of the team.
- **PO5. Communication:** Communicate complex ideas clearly to specialists and non-specialists through appropriate oral, written, and representational media.
- **PO6. Life Long Learning:** Exemplify accepted standards of professionalism and business practice including a commitment to engage in lifelong learning.
- **PO7. Context and Society:** Analyze interiors, architecture, the decorative arts, and art within a historical and cultural context to inform contemporary design solutions that relate with the society for whom the design solution is to be provided.
- **PO8. Synthesis of Concepts:** Synthesize theories and concepts of spatial definition and organization into multi-dimensional design solutions.
- **PO9. Modern Technique usage:** Specify furniture, fixtures, and equipment's of finish materials to meet the design criteria for a variety of interior spaces.
- **PO10.** Environment and Sustainability: Apply principles of lighting, acoustics, thermal comfort, and indoor air quality as required to enhance the health, safety, welfare, and performance of building occupants for overall sustainable development of the individuals.
- PO11. Ethics: Comply with laws, codes, and standards that impact fire safety and life safety.

PO12. Project/Construction Management: Produce construction drawings and documents using industry standards for a variety of interior spaces. Employ environment-behaviour research methodologies to address open-ended problems in interior design.

Program Specific Outcome:

As part of the school's charter and mission, Amity School of Architecture and Planning is providing a vibrant planning environment, ensuring its under-graduates are not only valued by the planning practice, but are also able to:

PSO1. Demonstrate critical thinking as they identify, analyze, and solve interior architecture and design problems through completion of interior design studio projects. Apply creative and critical thinking to solve interior environment problems from a human-cantered approach and apply this knowledge to design solutions.

PSO2. Demonstrate preparation for global design practice by incorporating cultural norms of user populations and applying that knowledge to design solutions that support globally diverse end users.

PSO3. Demonstrate effective visual, verbal, and written communication.

PSO4. Apply ethical and professional practices.

PSO5. Demonstrate social responsibility by designing sustainable interior environments that support indoor environmental quality and improve the quality of life for occupants.

PSO6. Engage in integrative professional design practice by contributing interior architecture and design expertise to collaborative design teams.

Note: - Correlation levels 1, 2 and 3 as defined below:

1: Slight (Low), 2: Moderate (Medium) and 3: Substantial (High)

If there is no correlation, put "-"

PROGRAMME ARTICULATION MATRIX																					
SEM	SUBJECT CODE	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12	PO 13	PO 14	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5	PSO 6
	BID101	3	3	3	3	2	1	2	3	3	1	1	3	3	1	3	3	-	-	2	-
	BID102	2	2	3	2	2	1	-		1	2	2	2	-	1	1	3	-	-	-	-
	BID103	2	2	1	-	3	1	2	3	3	2	1	1	2	2	3	3	1	-	-	-
1	BID104	1	1	1	2	-	-	-	2	-	-	-	2	-	-	1	1	-	-	-	-
	BID105	3	2	3	2	1	1	2	3	1	2	-	3	-	1	3	3	-	-	2	-
	BID106	-	1	-	-	-	-	3	2	-	-	-	-	-	1	1	1	-	-	-	-
	BID107	3	2	3	3	1	1	3	-	3	3	-	3	2	3	3	3	3	-	-	-
	BID201	3	2	3	3	2	2	2	3	3	1	1	3	3	1	3	3	-	-	2	-
	BID202	3	-	3	2	2	2	-	1	1	1	3	3	2	1	1	2	-	-	-	-
	BID203	2	2	1	1	3	2	2	3	3	2	1	2	2	1	3	3	1	-	2	-
Ш	BID204	1	3	1	-	-	-	-	1	1	-	-	2	-	1	1	1	-	-	-	-
	BID205	-	-	3	3	1	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-
	BID206	-	1	-	-	-	-	3	3	3	-	-	-	-	-	1	3	-	-	-	-
	BID207	3	-	1	3	1	1	-	1	3	3	3	3	3	3	3	3	3	-	-	-
	BID301	3	3	3	3	2	2	2	3	3	1	1	2	3	1	3	3	-	-	2	-
	BID302	2	-	3	2	2	2	-	1	1	1	2	2	2	1	1	1	-	-	-	-
	BID303	2	2	2	2	-	3	2	-	1	-	-	-	2	-	1	1	-	-	-	-
Ш	BID304	3	3	-	-	3	-	-	3	3	-	-	-	-	-	1	1	-	-	-	-
	BID305	-	-	3	3	1	2	-	-	-	-	-	-	-	-	1	-	-	-	-	-
	BID306	-	1	-	-	2	-	3	3	3	-	-	-	-	-	-	-	-	-	-	-
	BID307	1	3	1	-	3	-	-	3	3	-	-	-	-	3	-	-	-	-	2	-
	BID401	3	3	3	3	2	2	2	3	3	2	1	2	3	1	3	3	-	-	2	-
	BID402	2	1	3	2	2	2	-	1	-	2	1	2	3	1	1	1	-	-	2	-
	BID403	2	2	2	3	1	2	1	1	-	-	-	-	2	-	3	1	-	-	2	-
IV	BID404	3	-	2	3	1	2	1	1	-	1	2	2	2	-	1	1	-	-	2	-
	BID405	3	1	1	1	1	1	-	3	3	3	2	2	1	1	3	3	-	-	-	-
	BID406	3	3	3	3	3	2	3	2	3	3	2	3	-	-	1	3	-	-	2	1
	BID407	3	2	3	3	2	2	2	2	3	3	-	-	-	1	1	3	-	-	-	1
	BID501	3	3	3	3	2	2	2	3	3	3	1	2	3	1	3	1	-	-	2	-
	BID502	2	1	3	2	2	2	1	1	-	1	1	2	3	1	1	1	-	-	-	1
V	BID503	2	1	2	3	-	3	1	1	-	-	3	-	2	3	3	1	-	-	2	1
V	BID504	2	1	1	3	-	3	-	-	-	-	3	-	2	3	3	1	-	-	2	-
	BID505	1	1	-	-	1	-	3	3	3	-	ı	1	-	3	1	1	3	-	-	1
	BID506	3	3	3	3	2	2	3	3	2	3	3	3	3	1	3	3	-	-	2	1
	BID601	3	3	3	3	2	2	2	3	3	3	3	1	3	1	3	3	-	-	2	1
	BID602	1	ı	3	3	2	2	2	3	3	-	2	1	-	-	3	3	3	-	-	-
	BID603	3	3	2	2	1	1	1	3	3	1	2	2	2	3	3	3	-	-	-	-
VI	BID604	3	2	3	3	2	2	2	3	3	3	2	3	3	-	3	3	-	-	2	-
	BID605	2	-	1	3	-	-	-	-	-	-	-	-	-	3	3	-	-	-	-	-
	BID606	3	2	3	3	1	2	2	3	3	-	3	-	-	-	3	2	-	-	-	-
	BID607	2	3	3	3	1	2	2	3	3	1	i	-	-	3	3	2	-	-	-	-
VII	BID701	3	3	3	3	2	3	1	3	2	1	1	3	3	3	3	ı	-	-	2	ı
VIII	BID 801	3	3	3	3	2	2	2	3	3	1	3	2	3	3	3	3	-	-	2	-

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BID 802	-	-	-	-	1	1	-	1	-	-	-	-	3	3	2	3	3	3	-	3
BID 803	1	-	2	1	1	2	-	2	1	-	1	-	2	3	2	1	2	-	-	-
BID 804	3	1	2	2	2	1	-	2	2	1	-	2	-	-	-	1	-	-	-	-
BID 805	1	3	1	1	2	1	2	1	2	1	1	-	2	1	2	-	-	-	-	-

DEPARTMENT OF ARCHITECTURE & PLANNING

Course Handout

Course: Product Design

Course Code: BID 406, Crédits: 02, Session: 2018-19 (Even Sem.), Class: BID 2nd Year

Faculty Name: Ar. Manish Kumar Chitranshi

Introduction:

Laboratory sessions, which support the formal lecture material and also provide the student with practical construction, measurement and debugging skills. Participants are encouraged to engage in active interaction through classroom participation.

BB. Course Outcomes: At the end of the course, students will be able to:

CO1:The students should be able to apply to develop a design solution by inter-relationship of various parameters through design process, gather data, analyze, synthesize. Provide design solution with thrust on critical analysis of existing products, user needs, material specifications, customized production, latest manufacturing technology

Co2: To understand the inter-relationship of various parameters through design process, gather data, analyze, synthesize and apply to develop a design solution. C**O3**: To explore design solution with thrust on critical analysis of existing products, user needs, material specifications, customized production, latest manufacturing technology

CO4: The primary objective of a design studio is to inculcate in a student the attitude of evolving a design process for herself/himself

B . Programme Outcomes:

- **PO1. Design Knowledge:** Incorporate a global perspective when making design decisions, based on sustainable, socio-economic, and cultural contexts.
- **PO2. Problem Analysis:** Apply theories of human behaviour to human-centered design solutions.
- **PO3. Design/Development of Solutions:** Apply the design process to generate creative solutions to complex problems optimizing the human experience within the interior environment. Apply theory, psychology, and methodology of color to designs of the interior environment.
- **PO4. Individual and Team Work:** Collaborate in multi-disciplinary teams respecting a variety of points of view and perspectives that enrich the process and product of the team.
- **PO5. Communication:** Communicate complex ideas clearly to specialists and non-specialists through appropriate oral, written, and representational media.
- **PO6. Life Long Learning:** Exemplify accepted standards of professionalism and business practice including a commitment to engage in lifelong learning.

- **PO7. Context and Society:** Analyze interiors, architecture, the decorative arts, and art within a historical and cultural context to inform contemporary design solutions that relate with the society for whom the design solution is to be provided.
- **PO8. Synthesis of Concepts:** Synthesize theories and concepts of spatial definition and organization into multi-dimensional design solutions.
- **PO9. Modern Technique usage:** Specify furniture, fixtures, and equipment's of finish materials to meet the design criteria for a variety of interior spaces.
- **PO10.** Environment and Sustainability: Apply principles of lighting, acoustics, thermal comfort, and indoor air quality as required to enhance the health, safety, welfare, and performance of building occupants for overall sustainable development of the individuals.
- **PO11. Ethics:** Comply with laws, codes, and standards that impact fire safety and life safety.
- **PO12. Project/Construction Management:** Produce construction drawings and documents using industry standards for a variety of interior spaces. Employ environment-behaviour research methodologies to address open-ended problems in interior design.

CC. Programme Specific Outcomes:

As part of the school's charter and mission, Amity School of Architecture and Planning is providing a vibrant planning environment, ensuring its under-graduates are not only valued by the planning practice, but are also able to:

- **PSO1.** Demonstrate critical thinking as they identify, analyze, and solve interior architecture and design problems through completion of interior design studio projects. Apply creative and critical thinking to solve interior environment problems from a human-cantered approach and apply this knowledge to design solutions.
- **PSO2.** Demonstrate preparation for global design practice by incorporating cultural norms of user populations and applying that knowledge to design solutions that support globally diverse end users.
- **PSO3.** Demonstrate effective visual, verbal, and written communication.
- **PSO4.** Apply ethical and professional practices.
- **PSO5.** Demonstrate social responsibility by designing sustainable interior environments that support indoor environmental quality and improve the quality of life for occupants.
- **PSO6.** Engage in integrative professional design practice by contributing interior architecture and design expertise to collaborative design teams.

Assessment Plan:

Component of	Description	Code	Weightage
Evaluation			%
Continuous Internal	Mid Term	СТ	10%
Evaluation	Seminar/Quiz/ Assignment	S/Q/A	15%

Attendance	A minimum of 75% Attendance is	А	5%
	required to be maintained by a studentto		
	be qualified for taking up the End Semester		
	examination. The allowance of 25%		
	includes all types of leaves		
	including medical leaves.		
End Semester	End Semester	EE	70%
Examination	(Viva-Voce)		
Total			100%

DD. Syllabus

Module I: Redesigning a product - Design theory and methodology

Descriptors/Topics

Case study of various products to understand the design methodology, Identification and detailed study of any product to redesign, Data collection of research study.

Module II: Redesigning a product - Analysis and synthesis

Descriptors/Topics

Concept generation on the basis of analytical approach of thorough research study of a product, detailing included material identification, technology, color, usage etc, Prototype making and presentation.

Module III: Contemporary Design - Product research and User survey Descriptors/Topics

Case study and analytical approach on contemporary designers, Identification of area to design a product and research study, Building up design –brief, market and user survey.

Module IV: Contemporary Design - Analysis of research study and concept Generation

Descriptors/Topics

Data analysis of market and user survey, Re-define design brief, Concept generation with inclusion of ergonomics, form, manufacturing process, selectiPon of materials

Module V: Contemporary Design - Implementation and documentation Descriptors/Topics

Model making / prototyping, Branding, packaging & product graphics, Final

presentation and documentation.

Components	Attendance	Mid-Term	Assignment	EE
Weightage (%)	5	10	15	70

CT: Class Test, A: Assignment, S/V/Q: Seminar/Viva/Quiz, EE: End Semester Examination; A: Attendance **Text Reading:**

- Product And Furniture Design The Manufacturing Guides By Rob Thompson, Thames&Hudson, 1st Edition,(2011)
- Handmade In India By M.P. Ranjan And Aditi Ranjan, Arihant Publications India Ltd., 1st Edition, (2008)

References:

- 50 Product Designs From Concept To Manufacture By Jennifer Hudson, Laurence King Publishing, 2nd Edition,(2008)
- The Design Of Everyday Things By Norman A Donald, Basic Books, 1st

Lecture 286.	Case study of various products to understand the design methodology, Identification and detailed study of any product to redesign, Data collection of research study.	Mode of Delivery Lecture	Correspon ding CO	Mode of Assessing CO Mid Term- 1, Quiz & End Sem Exam
287.	Case study of various products to understand the design methodology, Identification and detailed study of any product to redesign, Data collection of research study.	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam

288.	Case study of various products to understand the design methodology, Identification and detailed study of any product to redesign, Data collection of research study.	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
289.	Case study of various products to understand the design methodology, Identification and detailed study of any product to redesign, Data collection of research study.	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
290.	Case study of various products to understand the design methodology, Identification and detailed study of any product to redesign, Data collection of research study.	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
291.	Case study of various products to understand the design methodology, Identification and detailed study of any product to redesign, Data collection of research study.	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
292.	Concept generation on the basis of analytical approach of thorough research study of a product, detailing included material identification, technology, color, usage etc, Prototype making and presentation	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam

293.	Concept generation on the basis of analytical approach of thorough research study of a product, detailing included material identification, technology, color, usage etc, Prototype making and presentation	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
294.	Concept generation on the basis of analytical approach of thorough research study of a product, detailing included material identification, technology, color, usage etc, Prototype making and presentation	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
295.	Concept generation on the basis of analytical approach of thorough research study of a product, detailing included material identification, technology, color, usage etc, Prototype making and presentation	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
296.	Concept generation on the basis of analytical approach of thorough research study of a product, detailing included material identification, technology, color, usage etc, Prototype making and presentation	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam

297.	Concept generation on the basis of analytical approach of thorough research study of a product, detailing included material identification, technology, color, usage etc, Prototype making and presentation	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
298.	Case study and analytical approach on contemporary designers, Identification of area to design a product and research study, Building up design –brief, market and user survey.	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
299.	Case study and analytical approach on contemporary designers, Identification of area to design a product and research study, Building up design –brief, market and user survey.	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
300.	Case study and analytical approach on contemporary designers, Identification of area to design a product and research study, Building up design –brief, market and user survey.	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
301.	Case study and analytical approach on contemporary designers, Identification of	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam

	area to design a product and research study, Building up design –brief, market and user survey.			
302.	Case study and analytical approach on contemporary designers, Identification of area to design a product and research study, Building up design –brief, market and user survey.	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
303.	Case study and analytical approach on contemporary designers, Identification of area to design a product and research study, Building up design –brief, market and user survey.	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
304.	Data analysis of market and user survey, Re-define design brief, Concept generation with inclusion of ergonomics, form, manufacturing process, selectiPon of materials	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
305.	Data analysis of market and user survey, Re-define design brief, Concept generation with inclusion of ergonomics, form, manufacturing process, selectiPon of materials	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
306.	Data analysis of market and user survey, Re-define design brief, Concept generation	Lecture	CO1	Mid Term- 2, Quiz & End Sem Exam

	with inclusion of ergonomics, form, manufacturing process, selectiPon of materials			
307.	Data analysis of market and user survey, Re-define design brief, Concept generation with inclusion of ergonomics, form, manufacturing process, selectiPon of materials	Lecture	CO1	Mid Term- 2, Quiz & End Sem Exam
308.	Data analysis of market and user survey, Re-define design brief, Concept generation with inclusion of ergonomics, form, manufacturing process, selectiPon of materials	Lecture	CO1	Mid Term- 2, Quiz & End Sem Exam
309.	Data analysis of market and user survey, Re-define design brief, Concept generation with inclusion of ergonomics, form, manufacturing process, selectiPon of materials	Lecture	CO1	Mid Term- 2, Quiz & End Sem Exam
310.	Model making / prototyping, Branding, packaging & product graphics, Final presentation and documentation.	Lecture	CO1	Mid Term- 2, Quiz & End Sem Exam
311.	Model making / prototyping, Branding, packaging & product graphics, Final presentation and documentation.	Lecture	CO2	Mid Term- 2, Quiz & End Sem Exam

312.	Model making / prototyping, Branding, packaging & product graphics, Final presentation and documentation.	Lecture	CO2	Mid Term- 2, Quiz & End Sem Exam
313.	Model making / prototyping, Branding, packaging & product graphics, Final presentation and documentation.	Lecture	CO2	Mid Term- 2, Quiz & End Sem Exam
314.	Model making / prototyping, Branding, packaging & product graphics, Final presentation and documentation.	Lecture	CO2	Mid Term- 2, Quiz & End Sem Exam
315.	Model making / prototyping, Branding, packaging & product graphics, Final presentation and documentation.	Lecture	CO2	Mid Term- 2, Quiz & End Sem Exam

EE. Course Articulation Matrix (Mapping of COs with POs)

CO	STATEMENT	CORRELATION WITH PROGRAMME												CORRELATION WITH				
		OUTCOMES												PROGRAMME				
														SPEC	IFIC O	UTCO	MES	
		P	P										PS	PS	PS	PS	PS	
		l •	l •	l •	•	'	l •	l •	l •	•	•	'	'	1 3	1 3	1 3	1 3	_
		0	0	0	О	0	0	0	0	0	0	0	0	01	O2	О3	04	05
		1	2	3	4	5	6	7	8	9	1	1	1					
											0	1	2					

CO 01	The students should be able to apply to develop a design solution by interrelationship of various parameters through design process, gather data, analyze, synthesize. Provide design solution with thrust on critical analysis of existing products, user needs, material specifications, customized production, latest manufacturing technology	3	3	3	3	3	2	3	2	ന	თ	2	n			1	3	
CO 02	To understand the																	
	inter-relationship of																	
	various parameters through design																	
	process, gather data,																	
	analyze, synthesize																	
	and apply to develop																	
	a design solution.																	
CO 03	To explore design solution with thrust																	
	on critical analysis of																	
	existing products,																	
	user needs, material	3	3	3		3	2		2	3	3	2	3	-	-	1		
	specifications,				3		_	3										
	customized production, latest																	
	manufacturing																	
	technology																3	
CO 04	The primary																	
	objective of a																	
	design studio is to																	
	inculcate in a																	
	student the attitude																	
	of evolving a design process for																	
	herself/himself																	
	norden/ mmoen																	

Amity School of Architecture & Planning I MID-SEMESTER (SEM -IV) 2021-22 Class: BID IV Semester Subject Name: BID 406 Time: 2 Hrs Max. Marks: 10 **Product Design** Levels of the Remembering Understanding Analyzing Evaluating Creating **Applying** questions as per Blooms Taxonomy Q.2,3 Question Q.1,4 Q.4 Q.2,5,6

Student will be able to

Mapping

CO1: List the broad perceptive of cloud architecture and model.

CO2: Apply different cloud programming models as per need.

CO Map	Question No.	Question	Marks
CO1	Q.1	Explain in brief the cloud computing concept.	3
CO1	Q.2a	What are the essential characteristics of cloud computing?	3
	Q.2b	How is cloud computing requirements and cloud servicerequirement services related to each other?	3
CO1	Q.3	Sketch NIST Cloud Computing Reference Architecture and depictits elements	6
CO2	Q.4	Explain the significance of Cloud Reference Model	3
CO2	Q.5a	Elaborate different cloud types with example.	3
CO2	Q.5b	Write characteristics of private cloud.	3
CO2	Q 6	How virtualization is applied in cloud computing scenario?	6

Attainments	6	Rubric
Level	1	IF 60% of students secure more than 60% marks then level 1

Level	2	IF 70% of students secure more than 60% marks then level 2
Level	3	IF 80% of students secure more than 60% marks then level 3

Course outcome: Based on internal and external assessment the level of Course outcome attainment of the course BID/Course code BID 406 is level 2 for the academic year.



AMITY UNIVERSITY MADHYA PRADESH, GWALIOR AMITY SCHOOL OF ARCHITECTURE AND PLANNING DEPARTMENT OF ARCHITECTURE AND PLANNING

PROGRAMME OUTCOMES AND PROGRAMME SPECIFIC OUTCOMES Bachelor of Interior Design (BID), Academic Year – 2018-2019

Program Outcomes:

- **PO1. Design Knowledge:** Incorporate a global perspective when making design decisions, based on sustainable, socio-economic, and cultural contexts.
- PO2. Problem Analysis: Apply theories of human behaviour to human-centered design solutions.
- **PO3.** Design/Development of Solutions: Apply the design process to generate creative solutions to complex problems optimizing the human experience within the interior environment. Apply theory, psychology, and methodology of color to designs of the interior environment.
- **PO4. Individual and Team Work:** Collaborate in multi-disciplinary teams respecting a variety of points of view and perspectives that enrich the process and product of the team.
- **PO5. Communication:** Communicate complex ideas clearly to specialists and non-specialists through appropriate oral, written, and representational media.
- **PO6. Life Long Learning:** Exemplify accepted standards of professionalism and business practice including a commitment to engage in lifelong learning.
- **PO7. Context and Society:** Analyze interiors, architecture, the decorative arts, and art within a historical and cultural context to inform contemporary design solutions that relate with the society for whom the design solution is to be provided.
- **PO8. Synthesis of Concepts:** Synthesize theories and concepts of spatial definition and organization into multi-dimensional design solutions.
- **PO9. Modern Technique usage:** Specify furniture, fixtures, and equipment's of finish materials to meet the design criteria for a variety of interior spaces.
- **PO10.** Environment and Sustainability: Apply principles of lighting, acoustics, thermal comfort, and indoor air quality as required to enhance the health, safety, welfare, and performance of building occupants for overall sustainable development of the individuals.
- PO11. Ethics: Comply with laws, codes, and standards that impact fire safety and life safety.

PO12. Project/Construction Management: Produce construction drawings and documents using industry standards for a variety of interior spaces. Employ environment-behaviour research methodologies to address open-ended problems in interior design.

Program Specific Outcome:

As part of the school's charter and mission, Amity School of Architecture and Planning is providing a vibrant planning environment, ensuring its under-graduates are not only valued by the planning practice, but are also able to:

PSO1. Demonstrate critical thinking as they identify, analyze, and solve interior architecture and design problems through completion of interior design studio projects. Apply creative and critical thinking to solve interior environment problems from a human-cantered approach and apply this knowledge to design solutions.

PSO2. Demonstrate preparation for global design practice by incorporating cultural norms of user populations and applying that knowledge to design solutions that support globally diverse end users.

PSO3. Demonstrate effective visual, verbal, and written communication.

PSO4. Apply ethical and professional practices.

PSO5. Demonstrate social responsibility by designing sustainable interior environments that support indoor environmental quality and improve the quality of life for occupants.

PSO6. Engage in integrative professional design practice by contributing interior architecture and design expertise to collaborative design teams.

Note: - Correlation levels 1, 2 and 3 as defined below:

1: Slight (Low), 2: Moderate (Medium) and 3: Substantial (High)

If there is no correlation, put "-"

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SEM	SUBJECT CODE	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12	PO 13	PO 14	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5	PSO 6
	BID101	3	3	3	3	2	1	2	3	3	1	1	3	3	1	3	3	-	-	2	-
	BID102	2	2	3	2	2	1	-		1	2	2	2	-	1	1	3	-	-	-	-
	BID103	2	2	1	-	3	1	2	3	3	2	1	1	2	2	3	3	1	-	-	-
I	BID104	1	1	1	2	-	-	-	2	-	-	-	2	-	-	1	1	-	-	-	-
	BID105	3	2	3	2	1	1	2	3	1	2	-	3	-	1	3	3	-	-	2	-
	BID106	-	1	-	-	-	-	3	2	-	-	-	-	-	1	1	1	-	-	-	-
	BID107	3	2	3	3	1	1	3	-	3	3	-	3	2	3	3	3	3	-	-	-
	BID201	3	2	3	3	2	2	2	3	3	1	1	3	3	1	3	3	-	-	2	-
	BID202	3	1	3	2	2	2	-	1	1	1	3	3	2	1	1	2	-	-	-	-
	BID203	2	2	1	1	3	2	2	3	3	2	1	2	2	1	3	3	1	-	2	-
П	BID204	1	3	1	-	-	-	-	1	1	-	-	2	-	1	1	1	-	-	-	-
	BID205	-	1	3	3	1	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-
	BID206	-	1	-	-	-	-	3	3	3	-	-	-	-	-	1	3	-	-	-	-
	BID207	3	-	1	3	1	1	-	1	3	3	3	3	3	3	3	3	3	-	-	-
	BID301	3	3	3	3	2	2	2	3	3	1	1	2	3	1	3	3	-	-	2	-
	BID302	2	-	3	2	2	2	-	1	1	1	2	2	2	1	1	1	-	-	-	-
	BID303	2	2	2	2	-	3	2	-	1	-	-	-	2	-	1	1	-	-	-	-
Ш	BID304	3	3	-	-	3	-	-	3	3	-	-	-	-	-	1	1	-	-	-	-
	BID305	-	1	3	3	1	2	-	-	-	-	-	-	-	-	1	-	-	-	-	-
	BID306	-	1	-	-	2	-	3	3	3	-	-	-	-	-	-	-	-	-	-	-
	BID307	1	3	1	-	3	-	-	3	3	-	-	-	-	3	-	-	-	-	2	-
	BID401	3	3	3	3	2	2	2	3	3	2	1	2	3	1	3	3	-	-	2	-
	BID402	2	1	3	2	2	2	-	1	-	2	1	2	3	1	1	1	-	-	2	-
	BID403	2	2	2	3	1	2	1	1	-	-	-	-	2	-	3	1	-	-	2	-
IV	BID404	3	1	2	3	1	2	1	1	-	1	2	2	2	-	1	1	-	-	2	-
	BID405	3	1	1	1	1	1	-	3	3	3	2	2	1	1	3	3	-	-	-	-
	BID406	3	3	3	3	3	2	3	2	3	3	2	3	-	-	1	3	-	-	2	-
	BID407	3	2	3	3	2	2	2	2	3	3	-	-	-	1	1	3	-	-	-	-
	BID501	3	3	3	3	2	2	2	3	3	3	1	2	3	1	3	1	-	-	2	-
	BID502	2	1	3	2	2	2	-	1	-	1	1	2	3	1	1	1	-	-	-	-
V	BID503	2	1	2	3	-	3	-	1	-	-	3	-	2	3	3	1	-	-	2	-
V	BID504	2	1	1	3	-	3	-	-	-	-	3	-	2	3	3	1	-	-	2	-
	BID505	1	1	ı	-	1	-	3	3	3	-	-	1	-	3	1	1	3	-	-	-
	BID506	3	3	3	3	2	2	3	3	2	3	3	3	3	1	3	3	-	-	2	-
	BID601	3	3	3	3	2	2	2	3	3	3	3	1	3	1	3	3	-	-	2	-
	BID602	1	-	3	3	2	2	2	3	3	-	2	1	-	-	3	3	3	-	-	-
	BID603	3	3	2	2	1	1	1	3	3	1	2	2	2	3	3	3	-	-	-	-
VI	BID604	3	2	3	3	2	2	2	3	3	3	2	3	3	-	3	3	-	-	2	-
	BID605	2	-	1	3	-	-	-	-	-	-	-	-	-	3	3	-	-	-	-	-
	BID606	3	2	3	3	1	2	2	3	3	-	3	-	-	-	3	2	-	-	-	-
	BID607	2	3	3	3	1	2	2	3	3	1	-	-	-	3	3	2	-	-	-	-
VII	BID701	3	3	3	3	2	3	-	3	2	1	-	3	3	3	3	ı	-	-	2	-
VIII	BID 801	3	3	3	3	2	2	2	3	3	1	3	2	3	3	3	3	-	-	2	-

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BID 802	-	-	-	-	1	1	-	1	-	-	-	-	3	3	2	3	3	3	-	3
BID 803	1	-	2	1	1	2	-	2	1	-	1	-	2	3	2	1	2	-	-	-
BID 804	3	1	2	2	2	1	-	2	2	1	-	2	-	-	-	1	-	-	-	-
BID 805	1	3	1	1	2	1	2	1	2	1	1	-	2	1	2	-	-	-	-	-

DEPARTMENT OF ARCHITECTURE & PLANNING

Course Handout

Course :Interior Landscape Design

Course Code: BID 407, Crédits: 02, Session: 2018-19 (Even Sem.), Class: BID 2nd Year

Faculty Name: Ar. Manish Kumar Chitranshi

Introduction:

Laboratory sessions, which support the formal lecture material and also provide the student with practical construction, measurement and debugging skills. Participants are encouraged to engage in active interaction through classroom participation.

FF. Course Outcomes: At the end of the course, students will be able to:
CO1:The knowledge of landscaping design parameters, landscape elements, plant
materials etc. Use in the interiors effectively for aesthetic enhancement and visual
comfort.

Co2: To develop a conceptual understanding of landscaping design parameters for various built forms.

CO3: To develop skills in integrating landscape design with built environments. CO4:This course introduces students to the knowledge of landscaping design parameters, landscape elements, plant materials etc. to use in the interiors effectively for aesthetic enhancement and visual comfort.

CO5: Study of landscapes, their use in landscape. Introductions to design principals & methodology of landscape design

B . Programme Outcomes:

- **PO1. Design Knowledge:** Incorporate a global perspective when making design decisions, based on sustainable, socio-economic, and cultural contexts.
- PO2. Problem Analysis: Apply theories of human behaviour to human-centered design

solutions.

- **PO3. Design/Development of Solutions:** Apply the design process to generate creative solutions to complex problems optimizing the human experience within the interior environment. Apply theory, psychology, and methodology of color to designs of the interior environment.
- **PO4. Individual and Team Work:** Collaborate in multi-disciplinary teams respecting a variety of points of view and perspectives that enrich the process and product of the team.
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GG. Programme Specific Outcomes:

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problems from a human-cantered approach and apply this knowledge to design solutions.

- **PSO2.** Demonstrate preparation for global design practice by incorporating cultural norms of user populations and applying that knowledge to design solutions that support globally diverse end users.
- **PSO3.** Demonstrate effective visual, verbal, and written communication.
- **PSO4.** Apply ethical and professional practices.
- **PSO5.** Demonstrate social responsibility by designing sustainable interior environments that support indoor environmental quality and improve the quality of life for occupants.
- **PSO6.** Engage in integrative professional design practice by contributing interior architecture and design expertise to collaborative design teams.

Assessment Plan:

Component	Description	Code	Weightage
of Evaluation			%
Continuous Internal	Mid Term	СТ	10%
Evaluation	Seminar/Quiz/ Assignment	S/Q/A	15%
Attendance	A minimum of 75% Attendance is required to be maintained by a studentto be qualified for taking up the End Semester examination. The allowance of 25% includes all types of leaves including medical leaves.	A	5%
End Semester Examination	End Semester (Viva-Voce)	EE	70%
Total	(VIVA VOCC)		100%

HH. Syllabus

Module I: Introduction to landscape architecture

Descriptors/Topics

role of landscaping design in the built environment. Types of natural elements – stones, rocks, pebbles, water forms, plants and vegetation. Elements of interior

landscape.

Module II: Introduction to study of plants in relation to landscape design and

interiors

Descriptors/Topics

Types of indoor plants, plant characteristics: i.e., biology, soil, moisture, light nutrient, atmospheric conditions, growing medium, pests & diseases. (herbarium)

Botanical nomenclature, anatomy and physiology of plant growth. Indoor plants in

Indian context. Market survey and costs.

Module III: Design with plants

Descriptors/Topics

Basic principles of designs. The physical attribute of plants and relation to design. Appearance, functional and visual effects of plants in landscape design and built environment. Selection and management of plant material in relation to the built environment.

Design concepts related to use of sculpture, lightings, garden furniture, architectural feature and grouping them into meaningful composition s for visual and functional effects.

Module IV: Landscaping design parameters for various types of built forms

Descriptors/Topics

indoor and outdoor linkage to spaces. Landscaping of courtyards- residential and commercial forms. Indoor plants and their visual characteristics- color, texture, foliage. Science of maintaining and growing greenery. Flowers- its colors, texture and its visual perception in various indoor spaces and science of flower arrangement. Automatic irrigation costing and installation of micro irrigation systems.

Components	Attendance	Mid-Term	Assignment	EE
Weightage (%)	5	10	15	70

CT: Class Test, A: Assignment, S/V/Q: Seminar/Viva/Quiz, EE: End Semester Examination; A: Attendance

Text Reading:

- ② Laurie, Michael, An Introduction to Landscape. 2nd edition, PrenticeHall, New Jersey, 1986.
- **Trivedi. P.Prathiba. Beautiful Shrubs. Indian council of AgriculturalResearch.New Delhi, 1990.**
- 2 Hacheat, Blan. PlantDesign.

References:

- ☑ Gerald Robert Vizenor, A Guide to Interior Landscapes, Univ of Minnesota Press, 1990.
- ☑ NelsonHammer and Mel Green, Interior Landscape Design, Mc Graw Hill, 1991

Lecture	Topics	Mode of Delivery	Correspon ding CO	Mode of Assessing CO
316.	role of landscaping design in the built environment. Types of natural elements – stones, rocks, pebbles, water forms, plants and vegetation. Elements of interior landscape.	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
317.	role of landscaping design in the built environment. Types of natural elements – stones, rocks, pebbles, water forms, plants and vegetation. Elements of interior landscape.	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam

318.	role of landscaping design in the built environment. Types of natural elements – stones, rocks, pebbles, water forms, plants and vegetation. Elements of interior landscape.	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
319.	role of landscaping design in the built environment. Types of natural elements – stones, rocks, pebbles, water forms, plants and vegetation. Elements of interior landscape.	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
320.	role of landscaping design in the built environment. Types of natural elements – stones, rocks, pebbles, water forms, plants and vegetation. Elements of interior landscape.	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
321.	role of landscaping design in the built environment. Types of natural elements – stones, rocks, pebbles, water forms, plants and vegetation. Elements of interior landscape.	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
322.	role of landscaping design in the built environment. Types of natural elements –	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam

	stones, rocks, pebbles, water forms, plants and vegetation. Elements of interior landscape.			
323.	Types of indoor plants, plant characteristics: i.e., biology, soil, moisture, light nutrient, atmospheric conditions, growing medium, pests & diseases. (herbarium) Botanical nomenclature, anatomy and physiology of plant growth. Indoor plants in Indian context. Market survey and costs.	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
324.	Types of indoor plants, plant characteristics: i.e., biology, soil, moisture, light nutrient, atmospheric conditions, growing medium, pests & diseases. (herbarium) Botanical nomenclature, anatomy and physiology of plant growth. Indoor plants in Indian context. Market survey and costs.	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
325.	Types of indoor plants, plant characteristics: i.e., biology, soil, moisture, light nutrient, atmospheric conditions, growing medium, pests & diseases. (herbarium)	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam

	Botanical nomenclature, anatomy and physiology of plant growth. Indoor plants in Indian context. Market survey and costs.			
326.	Types of indoor plants, plant characteristics: i.e., biology, soil, moisture, light nutrient, atmospheric conditions, growing medium, pests & diseases. (herbarium) Botanical nomenclature, anatomy and physiology of plant growth. Indoor plants in Indian context. Market survey and costs.	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
327.	Types of indoor plants, plant characteristics: i.e., biology, soil, moisture, light nutrient, atmospheric conditions, growing medium, pests & diseases. (herbarium) Botanical nomenclature, anatomy and physiology of plant growth. Indoor plants in Indian context. Market survey and costs.	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
328.	Types of indoor plants, plant characteristics: i.e., biology, soil, moisture, light	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam

	nutrient, atmospheric conditions, growing medium, pests & diseases. (herbarium) Botanical nomenclature, anatomy and physiology of plant growth. Indoor plants in Indian context. Market survey and costs.			
329.	Types of indoor plants, plant characteristics: i.e., biology, soil, moisture, light nutrient, atmospheric conditions, growing medium, pests & diseases. (herbarium) Botanical nomenclature, anatomy and physiology of plant growth. Indoor plants in Indian context. Market survey and costs.	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
330.	Basic principles of designs. The physical attribute of plants and relation to design. Appearance, functional and visual effects of plants in landscape design and built environment. Selection and management of plant material in relation to the built environment. Design concepts related to use of sculpture, lightings, garden furniture, architectural	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam

	feature and grouping them into meaningful composition s for visual and functional effects.			
331.	Basic principles of designs. The physical attribute of plants and relation to design. Appearance, functional and visual effects of plants in landscape design and built environment. Selection and management of plant material in relation to the built environment. Design concepts related to use of sculpture, lightings, garden furniture, architectural feature and grouping them into meaningful composition s for visual and functional effects.	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
332.	Basic principles of designs. The physical attribute of plants and relation to design. Appearance, functional and visual effects of plants in landscape design and built environment. Selection and management of plant material in relation to the built environment.	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam

	Design concepts related to use of sculpture, lightings, garden furniture, architectural feature and grouping them into meaningful composition s for visual and functional effects.			
333.	Basic principles of designs. The physical attribute of plants and relation to design. Appearance, functional and visual effects of plants in landscape design and built environment. Selection and management of plant material in relation to the built environment. Design concepts related to use of sculpture, lightings, garden furniture, architectural feature and grouping them into meaningful composition s for visual and functional effects.	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
334.	Basic principles of designs. The physical attribute of plants and relation to design. Appearance, functional and visual effects of plants in landscape design and built environment. Selection and management of plant material in relation to the built	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam

	environment. Design concepts related to use of sculpture, lightings, garden furniture, architectural feature and grouping them into meaningful composition s for visual and functional effects.			
335.	Basic principles of designs. The physical attribute of plants and relation to design. Appearance, functional and visual effects of plants in landscape design and built environment. Selection and management of plant material in relation to the built environment. Design concepts related to use of sculpture, lightings, garden furniture, architectural feature and grouping them into meaningful composition s for visual and functional effects.	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
336.	Basic principles of designs. The physical attribute of plants and relation to design. Appearance, functional and visual effects of plants in landscape design and built	Lecture	CO1	Mid Term- 2, Quiz & End Sem Exam

	environment. Selection and management of plant material in relation to the built environment. Design concepts related to use of sculpture, lightings, garden furniture, architectural feature and grouping them into meaningful composition s for visual and functional effects.			
337.	Basic principles of designs. The physical attribute of plants and relation to design. Appearance, functional and visual effects of plants in landscape design and built environment. Selection and management of plant material in relation to the built environment. Design concepts related to use of sculpture, lightings, garden furniture, architectural feature and grouping them into meaningful composition s for visual and functional	Lecture	CO1	Mid Term- 2, Quiz & End Sem Exam
338.	effects. Basic principles of designs.	Lecture	CO1	Mid Term-
556.	The physical attribute of plants and relation to design.	Lecture	COI	2, Quiz & End Sem Exam

220	Appearance, functional and visual effects of plants in landscape design and built environment. Selection and management of plant material in relation to the built environment. Design concepts related to use of sculpture, lightings, garden furniture, architectural feature and grouping them into meaningful composition s for visual and functional effects.	Locture	CO1	Mid Torm
339.	Basic principles of designs. The physical attribute of plants and relation to design. Appearance, functional and visual effects of plants in landscape design and built environment. Selection and management of plant material in relation to the built environment. Design concepts related to use of sculpture, lightings, garden furniture, architectural feature and grouping them into meaningful composition s for visual and functional effects.	Lecture	CO1	Mid Term- 2, Quiz & End Sem Exam

340.	indoor and outdoor linkage to spaces. Landscaping of courtyards- residential and commercial forms. Indoor plants and their visual characteristics- color, texture, foliage. Science of maintaining and growing greenery. Flowers- its colors, texture and its visual perception in various indoor spaces and science of flower arrangement. Automatic irrigation costing and installation of micro irrigation systems.	Lecture	CO1	Mid Term- 2, Quiz & End Sem Exam
341.	indoor and outdoor linkage to spaces. Landscaping of courtyards- residential and commercial forms. Indoor plants and their visual characteristics- color, texture, foliage. Science of maintaining and growing greenery. Flowers- its colors, texture and its visual perception in various indoor spaces and science of flower arrangement. Automatic irrigation costing and installation of micro irrigation systems.	Lecture	CO2	Mid Term- 2, Quiz & End Sem Exam

342.	indoor and outdoor linkage to spaces. Landscaping of courtyards- residential and commercial forms. Indoor plants and their visual characteristics- color, texture, foliage. Science of maintaining and growing greenery. Flowers- its colors, texture and its visual perception in various indoor spaces and science of flower arrangement. Automatic irrigation costing and installation of micro irrigation systems.	Lecture	CO2	Mid Term- 2, Quiz & End Sem Exam
343.	indoor and outdoor linkage to spaces. Landscaping of courtyards- residential and commercial forms. Indoor plants and their visual characteristics- color, texture, foliage. Science of maintaining and growing greenery. Flowers- its colors, texture and its visual perception in various indoor spaces and science of flower arrangement. Automatic irrigation costing and installation of micro irrigation systems.	Lecture	CO2	Mid Term- 2, Quiz & End Sem Exam

344.	indoor and outdoor linkage to spaces. Landscaping of courtyards- residential and commercial forms. Indoor plants and their visual characteristics- color, texture, foliage. Science of maintaining and growing greenery. Flowers- its colors, texture and its visual perception in various indoor spaces and science of flower arrangement. Automatic irrigation costing and installation of micro irrigation systems.	Lecture	CO2	Mid Term- 2, Quiz & End Sem Exam
345.	indoor and outdoor linkage to spaces. Landscaping of courtyards- residential and commercial forms. Indoor plants and their visual characteristics- color, texture, foliage. Science of maintaining and growing greenery. Flowers- its colors, texture and its visual perception in various indoor spaces and science of flower arrangement. Automatic irrigation costing and installation of micro irrigation systems.	Lecture	CO2	Mid Term- 2, Quiz & End Sem Exam

II. Course Articulation Matrix (Mapping of COs with POs)

СО	STATEMENT		COF	RREL		N W		PRO ES	GRA	MMI	Ē			CORRELATION WITH PROGRAMME SPECIFIC OUTCOMES				
		P O 1	P O 2	P O 3	P O 4	P O 5	P O 6	P O 7	P O 8	P O 9	P O 1	P O 1	P O 1	PS O1	PS O2	PS O3	PS 04	PS 05
CO 01	The knowledge of landscaping design parameters, landscape elements, plant materials etc. Use in the interiors effectively for aesthetic enhancement and visual comfort.	3	2	3	3	2	2	2	2	3	3	-	-	-	1	1	3	-
CO 02	To develop a conceptual understanding of landscaping design parameters for various built forms.																	
CO 03	To develop skills in integrating landscape design with built environments.	3	2	3	3	2	2	2	2	3	3	1	1	-	1	1	3	-
CO 04	This course introduces students to the knowledge of landscaping design parameters, landscape elements, plant materials etc. to use in the interiors effectively for aesthetic enhancement and																	

	visual comfort.									
CO 05	Study of landscapes, their use in landscape. Introductions to design principals & methodology of landscape design									

Sample Question Paper

	Amity School of Architecture & Planning I MID-SEMESTER (SEM -IV) 2021-22											
	Class: BID IV Semester											
Subject Name: BID Interior Landscape		Time: 2 Hrs		Ma	Max. Marks: 10							
Levels of the questions as per Blooms Taxonomy	Remembering	Understanding	Applying	Analyz	zing	Evaluating	Creating					
Question Mapping	Q.1,4	Q.2,3	Q.4	Q.2,5,	6							

Student will be able to

CO1: List the broad perceptive of cloud architecture and model.

CO2: Apply different cloud programming models as per need.

CO Map	Question No.	Question	Marks
CO1	Q.1	Explain in brief the cloud computing concept.	3
CO1	Q.2a	What are the essential characteristics of cloud computing?	3
	Q.2b	How is cloud computing requirements and cloud servicerequirement services related to	3

		each other?	
CO1	Q.3	Sketch NIST Cloud Computing Reference Architecture and depictits elements	6
CO2	Q.4	Explain the significance of Cloud Reference Model	3
CO2	Q.5a	Elaborate different cloud types with example.	3
CO2	Q.5b	Write characteristics of private cloud.	3
CO2	Q6	How virtualization is applied in cloud computing scenario?	6

Attainment	5	Rubric					
Level	1	IF 60% of students secure more than 60% marks then level 1					
Level	2	IF 70% of students secure more than 60% marks then level 2					
Level	3	IF 80% of students secure more than 60% marks then level 3					

Course outcome: Based on internal and external assessment the level of Course outcome attainment of the course BID/Course code BID 407 is level 2 for the academic year.

AMITY UNIVERSITY MADHYA PRADESH, GWALIOR AMITY SCHOOL OF ARCHITECTURE AND PLANNING DEPARTMENT OF ARCHITECTURE AND PLANNING

PROGRAMME OUTCOMES AND PROGRAMME SPECIFIC OUTCOMES Bachelor of Interior Design (BID), Academic Year – 2019-2020

Program Outcomes:

- **PO1. Design Knowledge:** Incorporate a global perspective when making design decisions, based on sustainable, socio-economic, and cultural contexts.
- PO2. Problem Analysis: Apply theories of human behaviour to human-centered design solutions.
- **PO3.** Design/Development of Solutions: Apply the design process to generate creative solutions to complex problems optimizing the human experience within the interior environment. Apply theory, psychology, and methodology of color to designs of the interior environment.
- **PO4. Individual and Team Work:** Collaborate in multi-disciplinary teams respecting a variety of points of view and perspectives that enrich the process and product of the team.
- **PO5. Communication:** Communicate complex ideas clearly to specialists and non-specialists through appropriate oral, written, and representational media.
- **PO6. Life Long Learning:** Exemplify accepted standards of professionalism and business practice including a commitment to engage in lifelong learning.
- **PO7. Context and Society:** Analyze interiors, architecture, the decorative arts, and art within a historical and cultural context to inform contemporary design solutions that relate with the society for whom the design solution is to be provided.
- **PO8. Synthesis of Concepts:** Synthesize theories and concepts of spatial definition and organization into multi-dimensional design solutions.
- **PO9. Modern Technique usage:** Specify furniture, fixtures, and equipment's of finish materials to meet the design criteria for a variety of interior spaces.
- **PO10. Environment and Sustainability:** Apply principles of lighting, acoustics, thermal comfort, and indoor air quality as required to enhance the health, safety, welfare, and performance of building occupants for overall sustainable development of the individuals.
- PO11. Ethics: Comply with laws, codes, and standards that impact fire safety and life safety.

PO12. Project/Construction Management: Produce construction drawings and documents using industry standards for a variety of interior spaces. Employ environment-behaviour research methodologies to address open-ended problems in interior design.

Program Specific Outcome:

As part of the school's charter and mission, Amity School of Architecture and Planning is providing a vibrant planning environment, ensuring its under-graduates are not only valued by the planning practice, but are also able to:

PSO1. Demonstrate critical thinking as they identify, analyze, and solve interior architecture and design problems through completion of interior design studio projects. Apply creative and critical thinking to solve interior environment problems from a human-cantered approach and apply this knowledge to design solutions.

PSO2. Demonstrate preparation for global design practice by incorporating cultural norms of user populations and applying that knowledge to design solutions that support globally diverse end users.

PSO3. Demonstrate effective visual, verbal, and written communication.

PSO4. Apply ethical and professional practices.

PSO5. Demonstrate social responsibility by designing sustainable interior environments that support indoor environmental quality and improve the quality of life for occupants.

PSO6. Engage in integrative professional design practice by contributing interior architecture and design expertise to collaborative design teams.

Note: - Correlation levels 1, 2 and 3 as defined below:

1: Slight (Low), 2: Moderate (Medium) and 3: Substantial (High)

If there is no correlation, put "-"

						P	ROG	RAN	1ME	ARTI	CULA	TIOI	N MA	ATRIX	(
SEM	SUBJECT CODE	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12	PO 13	PO 14	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5	PSO 6
	BID101	3	3	3	3	2	1	2	3	3	1	1	3	3	1	3	3	-	-	2	-
	BID102	2	2	3	2	2	1	-		1	2	2	2	-	1	1	3	-	-	-	-
	BID103	2	2	1	-	3	1	2	3	3	2	1	1	2	2	3	3	1	-	-	-
- 1	BID104	1	1	1	2	-	-	-	2	-	-	-	2	-	-	1	1	-	-	-	-
	BID105	3	2	3	2	1	1	2	3	1	2	-	3	-	1	3	3	-	-	2	-
	BID106	-	1	-	-	-	-	3	2	-	-	-	-	-	1	1	1	-	-	-	-
	BID107	3	2	3	3	1	1	3	-	3	3	-	3	2	3	3	3	3	-	-	-
	BID201	3	2	3	3	2	2	2	3	3	1	1	3	3	1	3	3	-	-	2	-
	BID202	3	-	3	2	2	2	-	1	1	1	3	3	2	1	1	2	-	-	-	-
	BID203	2	2	1	1	3	2	2	3	3	2	1	2	2	1	3	3	1	-	2	-
П	BID204	1	3	1	-	-	-	-	1	1	-	-	2	-	1	1	1	-	-	-	-
	BID205	1	-	3	3	1	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-
	BID206	1	1	-	-	-	-	3	3	3	-	-	-	-	-	1	3	-	-	-	-
	BID207	3	-	1	3	1	1	-	1	3	3	3	3	3	3	3	3	3	-	-	-
	BID301	3	3	3	3	2	2	2	3	3	1	1	2	3	1	3	3	-	-	2	-
	BID302	2	-	3	2	2	2	-	1	1	1	2	2	2	1	1	1	-	-	-	-
	BID303	2	2	2	2	-	3	2	-	1	-	-	-	2	-	1	1	-	-	-	-
Ш	BID304	3	3	-	-	3	-	-	3	3	-	-	-	-	-	1	1	-	-	-	-
	BID305	1	-	3	3	1	2	-	-	-	-	-	-	-	-	1	-	-	-	-	-
	BID306	1	1	-	-	2	-	3	3	3	-	-	-	-	-	-	-	-	-	-	-
	BID307	1	3	1	-	3	-	-	3	3	-	-	-	-	3	-	-	-	-	2	-
	BID401	3	3	3	3	2	2	2	3	3	2	1	2	3	1	3	3	-	-	2	-
	BID402	2	1	3	2	2	2	-	1	-	2	1	2	3	1	1	1	-	-	2	-
	BID403	2	2	2	3	1	2	1	1	-	-	-	-	2	-	3	1	-	-	2	-
IV	BID404	3	-	2	3	1	2	1	1	-	1	2	2	2	-	1	1	-	-	2	-
	BID405	3	1	1	1	1	1	-	3	3	3	2	2	1	1	3	3	-	-	-	-
	BID406	3	3	3	3	3	2	3	2	3	3	2	3	-	-	1	3	-	-	2	-
	BID407	3	2	3	3	2	2	2	2	3	3	-	-	-	1	1	3	-	-	-	-
	BID501	3	3	3	3	2	2	2	3	3	3	1	2	3	1	3	1	-	-	2	-
	BID502	2	1	3	2	2	2	1	1	-	1	1	2	3	1	1	1	-	-	-	-
V	BID503	2	1	2	3	-	3	1	1	-	-	3	-	2	3	3	1	-	-	2	-
V	BID504	2	1	1	3	-	3	-	-	-	-	3	-	2	3	3	1	-	-	2	-
	BID505	1	1	-	-	1	-	3	3	3	-	-	1	-	3	1	1	3	-	-	-
	BID506	3	3	3	3	2	2	3	3	2	3	3	3	3	1	3	3	-	-	2	-
	BID601	3	3	3	3	2	2	2	3	3	3	3	1	3	1	3	3	-	-	2	-
	BID602	1	-	3	3	2	2	2	3	3	-	2	1	-	-	3	3	3	-	-	-
	BID603	3	3	2	2	1	1	1	3	3	1	2	2	2	3	3	3	-	-	-	-
VI	BID604	3	2	3	3	2	2	2	3	3	3	2	3	3	-	3	3	-	-	2	-
	BID605	2	-	1	3	-	-	-	-	-	-	-	-	-	3	3	-	-	-	-	-
	BID606	3	2	3	3	1	2	2	3	3	-	3	-	-	-	3	2	-	-	-	-
	BID607	2	3	3	3	1	2	2	3	3	1	-	-	-	3	3	2	-	-	-	-
VII	BID701	3	3	3	3	2	3	1	3	2	1	-	3	3	3	3	ı	-	-	2	-
VIII	BID 801	3	3	3	3	2	2	2	3	3	1	3	2	3	3	3	3	-	-	2	-

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BID 802	-	-	-	-	1	1	-	1	-	-	-	-	3	3	2	3	3	3	-	3
BID 803	1	-	2	1	1	2	-	2	1	-	1	-	2	3	2	1	2	-	-	-
BID 804	3	1	2	2	2	1	-	2	2	1	-	2	-	-	-	1	-	-	-	-
BID 805	1	3	1	1	2	1	2	1	2	1	1	-	2	1	2	-	-	-	-	-

DEPARTMENT OF ARCHITECTURE & PLANNING

Course Handout

Course: Materials and Construction Techniques - II

Course Code: BID 301, Crédits: 06, Session: 2019-2020 (Odd Sem.), Class: BID 2nd Year

Faculty Name: Ar. Manish Kumar Chitranshi

A. Introduction: The design elements and principles to be followed while designing an institutional building using different standards, materials and technologies.

B. Course Outcomes: At the end of the course, students will be able to:

CO1: Familiarize the students with different building materials and construction techniques.

CO2: The objective of the course is to provide a clear understanding about the design elements and principles to be followed while designing an institutional building using different standards, materials and technologies.

CO3: It enables the students to understand the requirement of designing any interiors.

C. Programme Outcomes:

- **PO1. Design Knowledge:** Incorporate a global perspective when making design decisions, based on sustainable, socio-economic, and cultural contexts.
- **PO2. Problem Analysis:** Apply theories of human behaviour to human-centered design solutions.
- **PO3. Design/Development of Solutions:** Apply the design process to generate creative solutions to complex problems optimizing the human experience within the interior environment. Apply theory, psychology, and methodology of color to designs of the interior environment.
- **PO4. Individual and Team Work:** Collaborate in multi-disciplinary teams respecting a variety of points of view and perspectives that enrich the process and product of the team.
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D. Programme Specific Outcomes:

As part of the school's charter and mission, Amity School of Architecture and Planning is providing a vibrant planning environment, ensuring its under-graduates are not only valued by the planning practice, but are also able to:

- **PSO1.** Demonstrate critical thinking as they identify, analyze, and solve interior architecture and design problems through completion of interior design studio projects. Apply creative and critical thinking to solve interior environment problems from a human-cantered approach and apply this knowledge to design solutions.
- **PSO2.** Demonstrate preparation for global design practice by incorporating cultural norms of user populations and applying that knowledge to design solutions that support globally diverse end users.
- **PSO3.** Demonstrate effective visual, verbal, and written communication.
- **PSO4.** Apply ethical and professional practices.
- **PSO5.** Demonstrate social responsibility by designing sustainable interior environments that support indoor environmental quality and improve the quality of life for occupants.
- **PSO6.** Engage in integrative professional design practice by contributing interior architecture and design expertise to collaborative design teams.

Assessment Plan:

Component of	Description	Code	Weightage
Evaluation			%
Continuous Internal	Mid Term	СТ	10%
Evaluation	Seminar/Quiz/ Assignment	S/V/Q/A	15%
Attendance	A minimum of 75% Attendance is required to be maintained by a studentto be qualified for taking up the End Semester examination. The allowance of 25% includes all types of leaves including medical leaves.	A	5%
End Semester	End Semester	VV	70%
Examination	VIVA VOCE		
Total			100%

E. Syllabus

Module I: Interior Design

Interior Design for Play school/ Kindergarten/Nursery school (institutional/training & development building) for a maximum number of students up to 150. For a built-up space up to 500 sqm with all the required facilities in terms of infrastructure and services.

Module II: Interior in institutional building

Space organization in interiors, Surface treatments in interiors e.g. walls, floors, ceilings etc. Interior details in terms of lighting, services, interior landscape etc., Different types of materials that are available and their uses in interiors.

Module III: Interior in institutional building

Layout and Constructional details of furniture units, Application of color, texture, pattern and their psychological effects in interiors, drawing of interiors in 2D and 3D views to understand the space design.

Module IV: Interior Model

Interior Model of the space with all furniture, interior details in place and interior finishes with different colors, Textures.

Examination Scheme:

Components	Attendance	Mid-Term	Assignment	VV
Weightage (%)	5	10	15	70

CT: Class Test, A: Assignment, S/V/Q: Seminar/Viva/Quiz, EE: End Semester Examination; A: Attendance

F. Suggested Text/Reference Books:

- Drawing a Creative Process, Francis D.K. Ching
- Design Drawing + CD, Francis D.K. Ching
- Architecture Graphics, Francis D.K. Ching 4th Edition
- Interior design & space planning, Dechiara Pabero Zelnik
- Interior design illustrated, Francis D.K. Ching
- Graphic Interiors (Space Designed by Graphic Artists), Corina Dean
- Home Plumbing (The David & Charles Manual of), Ernest Hall
- House Book (The Complete Guide to Home Design), Terence Conran
- Illustration + Perspectives (In Pantone Colors), Eiji Mitooka

References:

- Architectural Graphic standards, Boaz Joseph
- Neufert's Architect's data
- Time Saver standards for building types, Joseph D.C. and John Callender.
- Kitchen & Bath, Montse Zapata
- Bed room, Lestey Taylor
- The Curtain Book, Mitchll Beazlty
- Interior Design Visual, Maureen Mitton 2nd Edition
- 100 Bright Ideas For color, Sue Rose
- Window Fashion, Charles T. Randall

G. Lecture Plan

Lecture	Topics	Mode	Correspon	Mode of
		of	ding CO	Assessing CO
		Delivery		

1.	Interior Design for Play school/	Lecture	CO1	Mid Term-1, Quiz & End Sem Exam
	Kindergarten/Nursery school (institutional/			
2.	training & development building) for a maximum number of students up to 150. for	Lecture	CO1	Mid Term-1, Quiz & End Sem Exam
3.	a built-up space up to 500 sqm with all the required facilities in terms of	Lecture	CO1	Mid Term-1, Quiz & End Sem Exam
4.	a built-up space up to 500 sqm with all the required facilities in terms of	Lecture	CO1	Mid Term-1, Quiz & End Sem Exam
5.	Interior Design for Play school/ Kindergarten/Nursery school (institutional/	Lecture	CO1	Mid Term-1, Quiz & End Sem Exam
6.	training & development building) for a maximum number of students up to 150. for	Lecture	CO1	Mid Term-1, Quiz & End Sem Exam
7.	a built-up space up to 500 sqm with all the required facilities in terms of	Lecture	CO1	Mid Term-1, Quiz & End Sem Exam
8.	infrastructure and services.	Lecture	CO1	Mid Term-1, Quiz & End Sem Exam
9.	Interior Design for Play school/ Kindergarten/Nursery school (institutional/	Lecture	CO1	Mid Term-1, Quiz & End Sem Exam
10.	training & development building) for a maximum number of students up to 150. for	Lecture	CO1	Mid Term-1, Quiz & End Sem Exam
11.	a built-up space up to 500 sqm with all the required facilities in terms of	Lecture	CO1	Mid Term-1, Quiz & End Sem Exam
12.	infrastructure and services.	Lecture	CO1	Mid Term-1, Quiz & End Sem Exam
13.	Interior Design for Play school/ Kindergarten/Nursery school (institutional/	Lecture	CO1	Mid Term-1, Quiz & End Sem Exam
14.	training & development building) for a maximum number of students up to 150. for	Lecture	CO1	Mid Term-1, Quiz & End Sem Exam
15.	a built-up space up to 500 sqm with all the required facilities in terms of	Lecture	CO1	Mid Term-1, Quiz & End Sem Exam
16.	infrastructure and services.	Lecture	CO1	Mid Term-1, Quiz & End Sem Exam
17.	Interior Design for Play school/ Kindergarten/Nursery	Lecture	CO1	Mid Term-1, Quiz & End Sem Exam

	school (institutional/			
18.	training & development building) for a maximum number of students up to 150. for	Lecture	CO1	Mid Term-1, Quiz & End Sem Exam
19.	a built-up space up to 500 sqm with all the required facilities in terms of	Lecture	CO1	Mid Term-1, Quiz & End Sem Exam
20.	infrastructure and services.	Lecture	CO1	Mid Term-1, Quiz & End Sem Exam
21.	Space organization in interiors, Surface treatments in interiors e.g. walls, floors, ceilings etc.	Lecture	CO1	Mid Term-2, Quiz & End Sem Exam
22.	Space organization in interiors, Surface treatments in interiors e.g. walls, floors,	Lecture	CO1	Mid Term-2, Quiz & End Sem Exam
23.	ceilings etc.	Lecture	CO1	Mid Term-2, Quiz & End Sem Exam
24.	Space organization in interiors, Surface treatments in interiors e.g. walls, floors,	Lecture	CO1	Mid Term-2, Quiz & End Sem Exam
25.	ceilings etc.	Lecture	CO1	Mid Term-2, Quiz & End Sem Exam
26.	Space organization in interiors, Surface treatments in interiors e.g. walls, floors,	Lecture	CO1	Mid Term-2, Quiz & End Sem Exam
27.	ceilings etc.	Lecture	CO1	Mid Term-2, Quiz & End Sem Exam
28.	Space organization in interiors, Surface treatments in interiors e.g. walls, floors,	Lecture	CO1	Mid Term-2, Quiz & End Sem Exam
29.	ceilings etc.	Lecture	CO1	Mid Term-2, Quiz & End Sem Exam
30.	Space organization in interiors, Surface treatments in interiors e.g. walls, floors,	Lecture	CO1	Mid Term-2, Quiz & End Sem Exam
31.	ceilings etc.	Lecture	CO2	Mid Term-2, Quiz & End Sem Exam
32.	Space organization in interiors, Surface treatments in interiors e.g. walls, floors,	Lecture	CO2	Mid Term-2, Quiz & End Sem Exam
33.	ceilings etc.	Lecture	CO2	Mid Term-2, Quiz & End Sem Exam

34.	Space organization in	Lecture	CO2	Mid Term-2, Quiz
	interiors, Surface			& End Sem Exam
	treatments in interiors e.g.			
	walls, floors,			
35.	ceilings etc.	Lecture	CO2	Mid Term-2, Quiz
				& End Sem Exam
36.	Space organization in	Lecture	CO2	Mid Term-2, Quiz
	interiors, Surface			& End Sem Exam
	treatments in interiors e.g.			
	walls, floors,			
37.	Interior details in terms of	Lecture	CO2	Mid Term-2, Quiz
	lighting, services, interior			& End Sem Exam
	landscape etc.,			
	Different types of materials			
	that are available and their			
	uses in interiors			
38.	Interior details in terms of	Lecture	CO2	Mid Term-2, Quiz
	lighting, services, interior			& End Sem Exam
	landscape etc.,			
39.	Different types of materials	Lecture	CO2	Mid Term-2, Quiz
	that are available and their			& End Sem Exam
	uses in interiors			
40.	Interior details in terms of	Lecture	CO2	Mid Term-2, Quiz
	lighting, services, interior			& End Sem Exam
	landscape etc.,			
41.	Different types of materials	Lecture	CO2	Mid Term-2, Quiz
	that are available and their			& End Sem Exam
	uses in interiors			
42.	Interior details in terms of	Lecture	CO2	Mid Term-2, Quiz
	lighting, services, interior			& End Sem Exam
	landscape etc.,	_		
43.	Different types of materials	Lecture	CO2	Mid Term-2, Quiz
	that are available and their			& End Sem Exam
	uses in interiors			
44.	Interior details in terms of	Lecture	CO2	Mid Term-2, Quiz
	lighting, services, interior			& End Sem Exam
	landscape etc.,			1
45.	Different types of materials	Lecture	CO2	Mid Term-2, Quiz
	that are available and their			& End Sem Exam
4.6	uses in interiors		602	14:17 2.0:
46.	Layout and Constructional	Lecture	CO2	Mid Term-2, Quiz
	details of furniture units,			& End Sem Exam
	Application of color,			
	texture,			
	pattern and their			
	psychological effects in			
	interiors, drawing of			
	interiors in 2D and 3D			
	views to understand the			

	space design.			
47.	Layout and Constructional details of furniture units, Application of color, texture,	Lecture	CO2	Mid Term-2, Quiz & End Sem Exam
48.	pattern and their psychological effects in interiors, drawing of interiors in 2D and 3D	Lecture	CO2	Mid Term-2, Quiz & End Sem Exam
49.	views to understand the space design.	Lecture	CO2	Mid Term-2, Quiz & End Sem Exam
50.	Layout and Constructional details of furniture units, Application of color, texture,	Lecture	CO2	Mid Term-2, Quiz & End Sem Exam
51.	pattern and their psychological effects in interiors, drawing of interiors in 2D and 3D	Lecture	CO2	Mid Term-2, Quiz & End Sem Exam
52.	views to understand the space design.	Lecture	CO2	Mid Term-2, Quiz & End Sem Exam
53.	Layout and Constructional details of furniture units, Application of color, texture,	Lecture	CO2	Mid Term-2, Quiz & End Sem Exam
54.	pattern and their psychological effects in interiors, drawing of interiors in 2D and 3D	Lecture	CO2	Mid Term-2, Quiz & End Sem Exam
55.	views to understand the space design.	Lecture	CO2	Mid Term-2, Quiz & End Sem Exam
56.	Layout and Constructional details of furniture units, Application of color, texture,	Lecture	CO2	Mid Term-2, Quiz & End Sem Exam
57.	pattern and their psychological effects in interiors, drawing of interiors in 2D and 3D	Lecture	CO2	Mid Term-2, Quiz & End Sem Exam
58.	views to understand the space design.	Lecture	CO2	Mid Term-2, Quiz & End Sem Exam
59.	Layout and Constructional details of furniture units, Application of color, texture,	Lecture	CO2	Mid Term-2, Quiz & End Sem Exam
60.	pattern and their psychological effects in interiors, drawing of interiors in 2D and 3D	Lecture	CO2	Mid Term-2, Quiz & End Sem Exam
61.	views to understand the space design.	Lecture	CO3	Mid Term-2, Quiz & End Sem Exam
62.	Layout and Constructional details of furniture units, Application of color, texture,	Lecture	CO3	Mid Term-2, Quiz & End Sem Exam

63.	Interior Model of the space	Lecture	CO3	Mid Term-2, Quiz
	with all furniture, interior			& End Sem Exam
	details in place and interior			
64.	finishes with different colors,	Lecture	CO3	Mid Term-2, Quiz
	Textures.			& End Sem Exam
65.	Interior Model of the space	Lecture	CO3	Mid Term-2, Quiz
	with all furniture, interior			& End Sem Exam
	details in place and interior			
66.	finishes with different colors,	Lecture	CO3	Mid Term-2, Quiz
	Textures.			& End Sem Exam
67.	Interior Model of the space	Lecture	CO3	Mid Term-2, Quiz
	with all furniture, interior			& End Sem Exam
	details in place and interior			
68.	finishes with different colors,	Lecture	CO3	Mid Term-2, Quiz
	Textures.			& End Sem Exam
69.		Lecture	CO3	Mid Term-2, Quiz
05.	Interior Model of the space	Leotare		& End Sem Exam
	with all furniture, interior			
70.	details in place and interior	Lecture	CO3	Mid Term-2, Quiz
70.	finishes with different colors,	Lecture	603	& End Sem Exam
74	Textures.	<u> </u>	602	14:17
71.	Interior Model of the space	Lecture	CO3	Mid Term-2, Quiz & End Sem Exam
	with all furniture, interior			
	details in place and interior			
72.	finishes with different colors,	Lecture	CO3	Mid Term-2, Quiz & End Sem Exam
	Textures.			& Liiu Seiii Laaiii
73.	Interior Model of the space	Lecture	CO3	Mid Term-2, Quiz
	with all furniture, interior			& End Sem Exam
	details in place and interior			
74.	finishes with different colors,	Lecture	CO3	Mid Term-2, Quiz
	Textures.			& End Sem Exam
75.	Interior Model of the space	Lecture	CO3	Mid Term-2, Quiz
	with all furniture, interior			& End Sem Exam
	details in place and interior			
76.	finishes with different colors,	Lecture	CO3	Mid Term-2, Quiz
	Textures.			& End Sem Exam
	TEXTUTES.			

77.	Interior Model of the space	Lecture	CO3	Mid Term-2, Quiz & End Sem Exam
	with all furniture, interior			d End Sem Exam
	details in place and interior			
78.	finishes with different colors,	Lecture	CO3	Mid Term-2, Quiz & End Sem Exam
	Textures.			& Elia Selli Exalli
79.	Interior Model of the space	Lecture	CO3	Mid Term-2, Quiz & End Sem Exam
	with all furniture, interior			& Ella Selli Exalli
	details in place and interior			
80.	finishes with different colors,	Lecture	CO3	Mid Term-2, Quiz
	Textures.			& End Sem Exam
81.	Interior Model of the space	Lecture	CO3	Mid Term-2, Quiz
	with all furniture, interior			& End Sem Exam
	details in place and interior			
82.	finishes with different colors,	Lecture	CO3	Mid Term-2, Quiz
	Textures.			& End Sem Exam
83.	Interior Model of the space	Lecture	CO3	Mid Term-2, Quiz
	with all furniture, interior			& End Sem Exam
	details in place and interior			
84.	finishes with different colors,	Lecture	CO3	Mid Term-2, Quiz
	Textures.			& End Sem Exam
85.	Interior Model of the space	Lecture	CO3	Mid Term-2, Quiz
	with all furniture, interior			& End Sem Exam
	details in place and interior			
86.	finishes with different colors,	Lecture	CO3	Mid Term-2, Quiz
	Textures.			& End Sem Exam
87.		Lecture	CO3	Mid Term-2, Quiz
	Interior Model of the space with all furniture, interior			& End Sem Exam
	details in place and interior			
88.		Lecture	CO3	Mid Term-2, Quiz
	finishes with different colors,			& End Sem Exam
89.	Textures.	Lecture	CO3	Mid Term-2, Quiz
05.	Interior Model of the space	Lecture		& End Sem Exam
	with all furniture, interior			
00	details in place and interior	Locture	603	Mid Torm 2 Ovi-
90.	finishes with different colors,	Lecture	CO3	Mid Term-2, Quiz & End Sem Exam
	Textures.			

H. Course Articulation Matrix (Mapping of COs with POs)

СО	STATEMENT		COF	RREL			/ITH COM		GRA	MMI	E			PRO	GRAM	OUTCOMES		
		P O 1	P O 2	P O 3	P O 4	P O 5	P O 6	P O 7	P O 8	P O 9	P O 1 0	P O 1	P O 1 2	PS O1	PS O2	PS O3	PS 04	PS 05
CO 01	Familiarize the students with different building materials and construction techniques.	3	3	3	3	2	2	2	3	3	1	1	2	3	1	3	3	-
	The objective of the course is to provide a clear understanding about the design elements and principles to be followed while designing an institutional building using different standards, materials and technologies.																	
CO 03	It enables the students to understand the requirement of designing any interiors.																	

Sample Question Paper

Amity School of Architecture & Planning I MID-SEMESTER (SEM –VII) 2019-2020												
	Class: BID III Semester											
Subject Name: BID Interior Design St		Time: 2 Hrs Max. Marks: 10										
Levels of the questions as per Blooms Taxonomy	Remembering	Understanding	Analyz	zing	Evaluating	Creating						
Question Mapping												

Student will be able to

CO1: List the broad perceptive of cloud architecture and model. CO2: Apply different cloud programming models as per need.

CO Map Question No. Question Marks CO1 Q.1 Explain in brief the cloud computing concept. 3 What are the essential characteristics of cloud Q.2a 3 CO1 computing? Q.2b How is cloud computing requirements and 3 cloud servicerequirement services related to each other? Q.3 Sketch NIST Cloud Computing Reference Architecture 6 CO1 and depictits elements CO2 Q.4 Explain the significance of Cloud Reference Model 3

CO2	Q.5a	Elaborate different cloud types with example.	3
CO2	Q.5b	Write characteristics of private cloud.	3
CO2	Q 6	How virtualization is applied in cloud computing scenario?	6

Attainment	5	Rubric
Level	1	IF 60% of students secure more than 60% marks then level 1
Level	2	IF 70% of students secure more than 60% marks then level 2
Level	3	IF 80% of students secure more than 60% marks then level 3

Course outcome: Based on internal and external assessment the level of Course outcome attainment of the course BID/Course code BID 301 is level 3 for the academic year 2019-2020.



AMITY UNIVERSITY MADHYA PRADESH, GWALIOR AMITY SCHOOL OF ARCHITECTURE AND PLANNING DEPARTMENT OF ARCHITECTURE AND PLANNING

PROGRAMME OUTCOMES AND PROGRAMME SPECIFIC OUTCOMES Bachelor of Interior Design (BID), Academic Year – 2019-2020

Program Outcomes:

- **PO1. Design Knowledge:** Incorporate a global perspective when making design decisions, based on sustainable, socio-economic, and cultural contexts.
- PO2. Problem Analysis: Apply theories of human behaviour to human-centered design solutions.
- **PO3.** Design/Development of Solutions: Apply the design process to generate creative solutions to complex problems optimizing the human experience within the interior environment. Apply theory, psychology, and methodology of color to designs of the interior environment.
- **PO4. Individual and Team Work:** Collaborate in multi-disciplinary teams respecting a variety of points of view and perspectives that enrich the process and product of the team.
- **PO5. Communication:** Communicate complex ideas clearly to specialists and non-specialists through appropriate oral, written, and representational media.
- **PO6. Life Long Learning:** Exemplify accepted standards of professionalism and business practice including a commitment to engage in lifelong learning.
- **PO7. Context and Society:** Analyze interiors, architecture, the decorative arts, and art within a historical and cultural context to inform contemporary design solutions that relate with the society for whom the design solution is to be provided.
- **PO8. Synthesis of Concepts:** Synthesize theories and concepts of spatial definition and organization into multi-dimensional design solutions.
- **PO9. Modern Technique usage:** Specify furniture, fixtures, and equipment's of finish materials to meet the design criteria for a variety of interior spaces.
- **PO10.** Environment and Sustainability: Apply principles of lighting, acoustics, thermal comfort, and indoor air quality as required to enhance the health, safety, welfare, and performance of building occupants for overall sustainable development of the individuals.
- PO11. Ethics: Comply with laws, codes, and standards that impact fire safety and life safety.

PO12. Project/Construction Management: Produce construction drawings and documents using industry standards for a variety of interior spaces. Employ environment-behaviour research methodologies to address open-ended problems in interior design.

Program Specific Outcome:

As part of the school's charter and mission, Amity School of Architecture and Planning is providing a vibrant planning environment, ensuring its under-graduates are not only valued by the planning practice, but are also able to:

PSO1. Demonstrate critical thinking as they identify, analyze, and solve interior architecture and design problems through completion of interior design studio projects. Apply creative and critical thinking to solve interior environment problems from a human-cantered approach and apply this knowledge to design solutions.

PSO2. Demonstrate preparation for global design practice by incorporating cultural norms of user populations and applying that knowledge to design solutions that support globally diverse end users.

PSO3. Demonstrate effective visual, verbal, and written communication.

PSO4. Apply ethical and professional practices.

PSO5. Demonstrate social responsibility by designing sustainable interior environments that support indoor environmental quality and improve the quality of life for occupants.

PSO6. Engage in integrative professional design practice by contributing interior architecture and design expertise to collaborative design teams.

Note: - Correlation levels 1, 2 and 3 as defined below:

1: Slight (Low), 2: Moderate (Medium) and 3: Substantial (High)

If there is no correlation, put "-"

PROGRAMME ARTICULATION MATRIX																					
SEM	SUBJECT CODE	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12	PO 13	PO 14	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5	PSO 6
	BID101	3	3	3	3	2	1	2	3	3	1	1	3	3	1	3	3	-	-	2	-
	BID102	2	2	3	2	2	1	-		1	2	2	2	-	1	1	3	-	-	-	-
	BID103	2	2	1	-	3	1	2	3	3	2	1	1	2	2	3	3	1	-	-	-
- 1	BID104	1	1	1	2	-	-	-	2	-	-	-	2	-	-	1	1	-	-	-	-
	BID105	3	2	3	2	1	1	2	3	1	2	-	3	-	1	3	3	-	-	2	-
	BID106	-	1	-	-	-	-	3	2	-	-	-	-	-	1	1	1	-	-	-	-
	BID107	3	2	3	3	1	1	3	-	3	3	-	3	2	3	3	3	3	-	-	-
	BID201	3	2	3	3	2	2	2	3	3	1	1	3	3	1	3	3	-	-	2	-
	BID202	3	-	3	2	2	2	-	1	1	1	3	3	2	1	1	2	-	-	-	-
	BID203	2	2	1	1	3	2	2	3	3	2	1	2	2	1	3	3	1	-	2	-
П	BID204	1	3	1	-	-	-	-	1	1	-	-	2	-	1	1	1	-	-	-	-
	BID205	1	-	3	3	1	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-
	BID206	1	1	-	-	-	-	3	3	3	-	-	-	-	-	1	3	-	-	-	-
	BID207	3	-	1	3	1	1	-	1	3	3	3	3	3	3	3	3	3	-	-	-
	BID301	3	3	3	3	2	2	2	3	3	1	1	2	3	1	3	3	-	-	2	-
	BID302	2	-	3	2	2	2	-	1	1	1	2	2	2	1	1	1	-	-	-	-
	BID303	2	2	2	2	-	3	2	-	1	-	-	-	2	-	1	1	-	-	-	-
Ш	BID304	3	3	-	-	3	-	-	3	3	-	-	-	-	-	1	1	-	-	-	-
	BID305	1	-	3	3	1	2	-	-	-	-	-	-	-	-	1	-	-	-	-	-
	BID306	1	1	-	-	2	-	3	3	3	-	-	-	-	-	-	-	-	-	-	-
	BID307	1	3	1	-	3	-	-	3	3	-	-	-	-	3	-	-	-	-	2	-
	BID401	3	3	3	3	2	2	2	3	3	2	1	2	3	1	3	3	-	-	2	-
	BID402	2	1	3	2	2	2	-	1	-	2	1	2	3	1	1	1	-	-	2	-
	BID403	2	2	2	3	1	2	1	1	-	-	-	-	2	-	3	1	-	-	2	-
IV	BID404	3	-	2	3	1	2	1	1	-	1	2	2	2	-	1	1	-	-	2	-
	BID405	3	1	1	1	1	1	-	3	3	3	2	2	1	1	3	3	-	-	-	-
	BID406	3	3	3	3	3	2	3	2	3	3	2	3	-	-	1	3	-	-	2	-
	BID407	3	2	3	3	2	2	2	2	3	3	-	-	-	1	1	3	-	-	-	-
	BID501	3	3	3	3	2	2	2	3	3	3	1	2	3	1	3	1	-	-	2	-
	BID502	2	1	3	2	2	2	1	1	-	1	1	2	3	1	1	1	-	-	-	-
V	BID503	2	1	2	3	-	3	1	1	-	-	3	-	2	3	3	1	-	-	2	-
V	BID504	2	1	1	3	-	3	-	-	-	-	3	-	2	3	3	1	-	-	2	-
	BID505	1	1	-	-	1	-	3	3	3	-	-	1	-	3	1	1	3	-	-	-
	BID506	3	3	3	3	2	2	3	3	2	3	3	3	3	1	3	3	-	-	2	-
	BID601	3	3	3	3	2	2	2	3	3	3	3	1	3	1	3	3	-	-	2	-
	BID602	1	-	3	3	2	2	2	3	3	-	2	1	-	-	3	3	3	-	-	-
	BID603	3	3	2	2	1	1	1	3	3	1	2	2	2	3	3	3	-	-	-	-
VI	BID604	3	2	3	3	2	2	2	3	3	3	2	3	3	-	3	3	-	-	2	-
	BID605	2	-	1	3	-	-	-	-	-	-	-	-	-	3	3	-	-	-	-	-
	BID606	3	2	3	3	1	2	2	3	3	-	3	-	-	-	3	2	-	-	-	-
	BID607	2	3	3	3	1	2	2	3	3	1	-	-	-	3	3	2	-	-	-	-
VII	BID701	3	3	3	3	2	3	1	3	2	1	-	3	3	3	3	ı	-	-	2	-
VIII	BID 801	3	3	3	3	2	2	2	3	3	1	3	2	3	3	3	3	-	-	2	-

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BID 802	-	-	-	-	1	1	-	1	-	-	-	-	3	3	2	3	3	3	-	3
BID 803	1	-	2	1	1	2	-	2	1	-	1	-	2	3	2	1	2	-	-	-
BID 804	3	1	2	2	2	1	-	2	2	1	-	2	-	-	-	1	-	-	-	-
BID 805	1	3	1	1	2	1	2	1	2	1	1	-	2	1	2	-	-	-	-	-

DEPARTMENT OF ARCHITECTURE & PLANNING

Course Handout

Course: Materials and Construction Techniques - II

Course Code: BID 302, Crédits: 03, Session: 2019-2020 (Odd Sem.), Class: BID 2nd Year

Faculty Name: Ar. Manish Kumar Chitranshi

 Introduction: To introduce and familiarize the students with different building materials and construction techniques. The understanding for the system to be adopted for the construction of different types buildings.

J. Course Outcomes: At the end of the course, students will be able to:

CO1: Apply knowledge of construction material, methods, and process to transform idea in to design;

CO2: Develop the design for all kind of wooden material, Staircase, door, window, glazed window and partition, paneling and storage cabinet;

CO3: Compare different design suiting the purpose/function and principles of design;

K. Programme Outcomes:

- **PO1. Design Knowledge:** Incorporate a global perspective when making design decisions, based on sustainable, socio-economic, and cultural contexts.
- **PO2. Problem Analysis:** Apply theories of human behaviour to human-centered design solutions.
- **PO3. Design/Development of Solutions:** Apply the design process to generate creative solutions to complex problems optimizing the human experience within the interior environment. Apply theory, psychology, and methodology of color to designs of the interior environment.
- **PO4. Individual and Team Work:** Collaborate in multi-disciplinary teams respecting a variety of points of view and perspectives that enrich the process and product of the team.
- **PO5. Communication:** Communicate complex ideas clearly to specialists and non-specialists through appropriate oral, written, and representational media.
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- PO9. Modern Technique usage: Specify furniture, fixtures, and equipment's of finish materials to

meet the design criteria for a variety of interior spaces.

- **PO10.** Environment and Sustainability: Apply principles of lighting, acoustics, thermal comfort, and indoor air quality as required to enhance the health, safety, welfare, and performance of building occupants for overall sustainable development of the individuals.
- **PO11. Ethics:** Comply with laws, codes, and standards that impact fire safety and life safety.
- **PO12. Project/Construction Management:** Produce construction drawings and documents using industry standards for a variety of interior spaces. Employ environment-behaviour research methodologies to address open-ended problems in interior design.

L. Programme Specific Outcomes:

As part of the school's charter and mission, Amity School of Architecture and Planning is providing a vibrant planning environment, ensuring its under-graduates are not only valued by the planning practice, but are also able to:

- **PSO1.** Demonstrate critical thinking as they identify, analyze, and solve interior architecture and design problems through completion of interior design studio projects. Apply creative and critical thinking to solve interior environment problems from a human-cantered approach and apply this knowledge to design solutions.
- **PSO2.** Demonstrate preparation for global design practice by incorporating cultural norms of user populations and applying that knowledge to design solutions that support globally diverse end users.
- **PSO3.** Demonstrate effective visual, verbal, and written communication.
- **PSO4.** Apply ethical and professional practices.
- **PSO5.** Demonstrate social responsibility by designing sustainable interior environments that support indoor environmental quality and improve the quality of life for occupants.
- **PSO6.** Engage in integrative professional design practice by contributing interior architecture and design expertise to collaborative design teams.

Assessment Plan:

Component of	Description	Code	Weightage
Evaluation			%
Continuous Internal	Mid Term	СТ	10%
Evaluation	Seminar/Viva-	S/V/Q/A	15%
	Voce/Quiz/Assignment		
Attendance	A minimum of 75% Attendance is	Α	5%
	required to be maintained by a studentto		
	be qualified for taking up the End Semester		
	examination. The allowance of 25%		
	includes all types of leaves		
	including medical leaves.		
End Semester	End Semester Examination	EE	70%

Examination		
Total		100%

M. Syllabus

Module I: Materials

Wood, Timber, Bamboo, All types of wooden products.

Module II: Construction

Timber or Wooden - Doors/Windows/ Floors/staircases: Classification, Characteristics, Defects and Preservation. Introduction to Fully paneled single and double doors of various types and sizes.

Module III: Construction

Introduction to fully glazed windows and ventilator details of joints etc. Fixed glass and timber louvered windows, Elementary carpentry, common joints, details of ledged and Batten Doors.

Module IV: Space Partitions

Inverse and Rank of a matrix, Linear systems of equations, Consistency of Linear Simultaneous Equations, linear Independence, Gauss elimination and Gauss-Jordan elimination, Eigen values, eigenvectors, Caley-Hamilton theorem, Diagonalization.

Module V: Storage cabinets

Different Types, materials, different construction details with fixing details.

N. Examination Scheme:

Components	Attendance	Mid-Term	Assignment	EE
Weightage (%)	5	10	15	70

CT: Class Test, A: Assignment, S/V/Q: Seminar/Viva/Quiz, EE: End Semester Examination; A: Attendance

O. Suggested Text/Reference Books:

- Window Fashion, Charles T. Randall
- Illustration + Perspectives (In Pantone Colors), Eiji Mitooka
- Elements of Architecture, Meiss Pieree Von
- Architecture: Form, Space and Order, Francis D.K. Ching
- The Construction of Building Vol- 1 to 5, R. Barry
- Building Construction, N.L. Arora &, B.R. Gupta
- Interior Detail 1 (Residence), Jeong, Kwang Young
- Interior Spaces Vol 6 (A Pictorial Review), Image Publishing Group
- A Visual Dictionary of Architecture, Francis D.K. Ching
- Interior design illustrated, Francis D.K. Ching
- House Book (The Complete Guide to Home Design), Terence Conran
- Masonry (Concrete, Brick, Stone), Christine Beall
- Metric Handbook (Planning & Design Data) 2nd Ed. Edited By, David Adler

P. Lecture Plan

Lecture	Topics	Mode of Delivery	Correspon ding CO	Mode of Assessing CO
1	Materials	Lecture	CO1	Mid Term-1, Quiz
				& End Sem Exam

	March Thebre Breeker All	1	604	NA'-I Tarra A. O. '
2	Wood, Timber, Bamboo, All	Lecture	CO1	Mid Term-1, Quiz & End Sem Exam
3	types of wooden products Materials	Locturo	CO1	
3	iviaterials	Lecture	(01	Mid Term-1, Quiz & End Sem Exam
4	Wood Timber Bomboo All	Lecture	CO1	Mid Term-1, Quiz
5	Wood, Timber, Bamboo, All	Lecture	601	& End Sem Exam
	types of wooden products Materials	Lecture	CO1	Mid Term-1, Quiz
3	iviateriais	Lecture	(01	& End Sem Exam
6	Wood, Timber, Bamboo, All	Lecture	CO1	Mid Term-1, Quiz
	types of wooden products	Lecture	601	& End Sem Exam
7	Materials	Lecture	CO1	Mid Term-1, Quiz
,	Materials	Leotare	001	& End Sem Exam
8	Wood, Timber, Bamboo, All	Lecture	CO1	Mid Term-1, Quiz
	types of wooden products	22000.0	001	& End Sem Exam
9	Materials	Lecture	CO1	Mid Term-1, Quiz
				& End Sem Exam
10	Wood, Timber, Bamboo, All	Lecture	CO1	Mid Term-1, Quiz
	types of wooden products			& End Sem Exam
11	Construction	Lecture	CO1	Mid Term-1, Quiz
				& End Sem Exam
12	Timber or Wooden -	Lecture	CO1	Mid Term-1, Quiz
	Doors/Windows/			& End Sem Exam
	Floors/staircases:			
	Classification,			
	Characteristics, Defects			
	and Preservation.			
	Introduction to Fully			
	paneled single and double doors of various			
	types and sizes			
13	Construction	Lecture	CO1	Mid Term-1, Quiz
	Construction	Lecture	601	& End Sem Exam
14	Timber or Wooden -	Lecture	CO1	Mid Term-1, Quiz
17	Doors/Windows/	20000		& End Sem Exam
	Floors/staircases:			
	Classification,			
	Characteristics, Defects			
	and Preservation.			
	Introduction to Fully			
	paneled single and			
	double doors of various			
1 [types and sizes	Lastina	601	NA: d Tarres 1 Ovi:
15	Construction	Lecture	CO1	Mid Term-1, Quiz & End Sem Exam
16	Timber or Wooden -	Loctura	CO2	
10	Doors/Windows/	Lecture	CO2	Mid Term-1, Quiz & End Sem Exam
	Floors/staircases:			a Ella Selli Exalli
	Classification,			
	Characteristics, Defects			
	and Preservation.			
	Introduction to Fully			
		1		L

	paneled single and			
	double doors of various			
	types and sizes			
17	Construction	Lecture	CO2	Mid Torm 1 Quiz
17	Construction	Lecture	CO2	Mid Term-1, Quiz & End Sem Exam
10	Time borrow Wooden		602	
18	Timber or Wooden -	Lecture	CO2	Mid Term-1, Quiz
	Doors/Windows/			& End Sem Exam
	Floors/staircases:			
	Classification,			
	Characteristics, Defects			
	and Preservation.			
	Introduction to Fully paneled single and			
	double doors of various			
	types and sizes			
19	Construction	Locturo	CO2	Mid Torre 1 Ouis
19	Construction	Lecture	CO2	Mid Term-1, Quiz & End Sem Exam
20	Timber or Wooden	Lastina	602	
20	Timber or Wooden - Doors/Windows/	Lecture	CO2	Mid Term-1, Quiz
	Floors/staircases:			& End Sem Exam
	Classification,			
	Characteristics, Defects			
	and Preservation.			
	Introduction to Fully			
	paneled single and			
	double doors of various			
	types and sizes			
21	Construction	Lecture	CO2	Mid Term-2, Quiz
				& End Sem Exam
22	Timber or Wooden -	Lecture	CO2	Mid Term-2, Quiz
	Doors/Windows/			& End Sem Exam
	Floors/staircases:			a zna sem zxem
	Classification,			
	Characteristics, Defects			
	and Preservation.			
	Introduction to Fully			
	paneled single and			
	double doors of various			
	types and sizes			
23	Construction	Lecture	CO2	Mid Term-2, Quiz
				& End Sem Exam
24	Timber or Wooden -	Lecture	CO2	Mid Term-2, Quiz
	Doors/Windows/			& End Sem Exam
	Floors/staircases:			
	Classification,			
	Characteristics, Defects			
	and Preservation.			
	Introduction to Fully			
	paneled single and			
	double doors of various			
	types and sizes	<u>.</u>	000	NALL TO 0.00
25	Construction	Lecture	CO2	Mid Term-2, Quiz

				& End Sem Exam
26	Timber or Wooden - Doors/Windows/ Floors/staircases: Classification, Characteristics, Defects and Preservation. Introduction to Fully paneled single and double doors of various types and sizes	Lecture	CO2	Mid Term-2, Quiz & End Sem Exam
27	Construction	Lecture	CO2	Mid Term-2, Quiz & End Sem Exam
28	Introduction to fully glazed windows and ventilator details of joints etc. Fixed glass and timber louvered windows, Elementary carpentry, common joints, details of ledged and Batten Doors.	Lecture	CO2	Mid Term-2, Quiz & End Sem Exam
29	Construction	Lecture	CO2	Mid Term-2, Quiz & End Sem Exam
30	Space Partitions	Lecture	CO2	Mid Term-2, Quiz & End Sem Exam
31	Inverse and Rank of a matrix, Linear systems of equations, Consistency of Linear Simultaneous Equations, linear Independence, Gauss elimination and Gauss-Jordan elimination, Eigen values, eigenvectors, Caley-Hamilton theorem, Diagonalization.	Lecture	CO3	Mid Term-2, Quiz & End Sem Exam
32	Space Partitions	Lecture	CO3	Mid Term-2, Quiz & End Sem Exam
33	Inverse and Rank of a matrix, Linear systems of equations, Consistency of Linear Simultaneous Equations, linear Independence, Gauss elimination and Gauss-Jordan elimination, Eigen values, eigenvectors, Caley-Hamilton theorem, Diagonalization.	Lecture	CO3	Mid Term-2, Quiz & End Sem Exam
34	Space Partitions	Lecture	CO3	Mid Term-2, Quiz

				& End Sem Exam
35	Inverse and Rank of a matrix, Linear systems of equations, Consistency of Linear Simultaneous Equations, linear Independence, Gauss elimination and Gauss-Jordan elimination, Eigen values, eigenvectors, Caley-Hamilton theorem, Diagonalization.	Lecture	CO3	Mid Term-2, Quiz & End Sem Exam
36	Space Partitions	Lecture	CO3	Mid Term-2, Quiz & End Sem Exam
37	Inverse and Rank of a matrix, Linear systems of equations, Consistency of Linear Simultaneous Equations, linear Independence, Gauss elimination and Gauss-Jordan elimination, Eigen values, eigenvectors, Caley-Hamilton theorem, Diagonalization.	Lecture	CO3	Mid Term-2, Quiz & End Sem Exam
38	Space Partitions	Lecture	CO3	Mid Term-2, Quiz & End Sem Exam
39	Inverse and Rank of a matrix, Linear systems of equations, Consistency of Linear Simultaneous Equations, linear Independence, Gauss elimination and Gauss-Jordan elimination, Eigen values, eigenvectors, Caley-Hamilton theorem, Diagonalization.	Lecture	CO3	Mid Term-2, Quiz & End Sem Exam
40	Storage cabinets	Lecture	CO3	Mid Term-2, Quiz & End Sem Exam
41	Different Types, materials, different construction details with fixing details.	Lecture	CO3	Mid Term-2, Quiz & End Sem Exam
42	Storage cabinets	Lecture	CO3	Mid Term-2, Quiz & End Sem Exam
43	Different Types, materials, different construction details with fixing details.	Lecture	CO3	Mid Term-2, Quiz & End Sem Exam
44	Storage cabinets	Lecture	CO3	Mid Term-2, Quiz & End Sem Exam

45	Different Types, materials,	Lecture	CO3	Mid Term-2, Quiz
	different construction			& End Sem Exam
	details with fixing details.			

Q. Course Articulation Matrix (Mapping of COs with POs)

СО	STATEMENT		COF	RREL			/ITH COM		GRA	MMI	E			CORRELATION WITH PROGRAMME SPECIFIC OUTCOMES					
		P O 1	P O 2	P O 3	P O 4	P O 5	P O 6	P O 7	P O 8	P O 9	P O 1 0	P O 1	P O 1	PS O1	PS O2	PS O3	PS 04	PS 05	
CO 01	Apply knowledge of construction material, methods, and process to transform idea in to design;	2	-	3	2	2	2	-	1	1	1	2	2	2	1	1	1	-	
CO 02	Develop the design for all kind of wooden material, Staircase, door, window, glazed window and partition, paneling and storage cabinet;																		
CO 03	Compare different design suiting the purpose/function and principles of design;																		

Sample Question Paper

Amity School of Engineering and Technology	
Department of Computer Science and Engineering	
I MID-SEMESTER (SEM –VII) 2019-2020	
Class: B.Tech.(CSE) VII Semester	

Subject Name: BIE Materials and Co Techniques - II		Time: 2 Hrs		Max. Marks: 10				
Levels of the questions as per Blooms Taxonomy	Remembering	Understanding	Applying	Analyz	zing	Evaluating	Creating	
Question Mapping	Q.1,4	Q.2,3	Q.4	Q.2,5,	6			

Student will be able to

CO1: List the broad perceptive of cloud architecture and model.

CO2: Apply different cloud programming models as per need.

СО Мар	Question No.	Question	Marks
CO1	Q.1	Explain in brief the cloud computing concept.	3
CO1	Q.2a	What are the essential characteristics of cloud computing?	3
	Q.2b	How is cloud computing requirements and cloud servicerequirement services related to each other?	3
CO2	Q.3	Sketch NIST Cloud Computing Reference Architecture and depictits elements	6
CO2	Q.4	Explain the significance of Cloud Reference Model	3
CO3	Q.5a	Elaborate different cloud types with example.	3
CO3	Q.5b	Write characteristics of private cloud.	3
CO3	Q 6	How virtualization is applied in cloud computing scenario?	6

Attainments		Rubric
Level	1	IF 60% of students secure more than 60% marks then level 1
Level	2	IF 70% of students secure more than 60% marks then level 2
Level	3	IF 80% of students secure more than 60% marks then level 3

Course outcome: Based on internal and external assessment the level of Course outcome

attainment of the course BID/Course code BID 302 is level 2 for the academic year 2019-2020.



AMITY UNIVERSITY MADHYA PRADESH, GWALIOR AMITY SCHOOL OF ARCHITECTURE AND PLANNING DEPARTMENT OF ARCHITECTURE AND PLANNING

PROGRAMME OUTCOMES AND PROGRAMME SPECIFIC OUTCOMES Bachelor of Interior Design (BID), Academic Year – 2019-2020

Program Outcomes:

- **PO1. Design Knowledge:** Incorporate a global perspective when making design decisions, based on sustainable, socio-economic, and cultural contexts.
- PO2. Problem Analysis: Apply theories of human behaviour to human-centered design solutions.
- **PO3.** Design/Development of Solutions: Apply the design process to generate creative solutions to complex problems optimizing the human experience within the interior environment. Apply theory, psychology, and methodology of color to designs of the interior environment.
- **PO4. Individual and Team Work:** Collaborate in multi-disciplinary teams respecting a variety of points of view and perspectives that enrich the process and product of the team.
- **PO5. Communication:** Communicate complex ideas clearly to specialists and non-specialists through appropriate oral, written, and representational media.
- **PO6. Life Long Learning:** Exemplify accepted standards of professionalism and business practice including a commitment to engage in lifelong learning.
- **PO7. Context and Society:** Analyze interiors, architecture, the decorative arts, and art within a historical and cultural context to inform contemporary design solutions that relate with the society for whom the design solution is to be provided.
- **PO8. Synthesis of Concepts:** Synthesize theories and concepts of spatial definition and organization into multi-dimensional design solutions.
- **PO9. Modern Technique usage:** Specify furniture, fixtures, and equipment's of finish materials to meet the design criteria for a variety of interior spaces.
- **PO10.** Environment and Sustainability: Apply principles of lighting, acoustics, thermal comfort, and indoor air quality as required to enhance the health, safety, welfare, and performance of building occupants for overall sustainable development of the individuals.
- PO11. Ethics: Comply with laws, codes, and standards that impact fire safety and life safety.

PO12. Project/Construction Management: Produce construction drawings and documents using industry standards for a variety of interior spaces. Employ environment-behaviour research methodologies to address open-ended problems in interior design.

Program Specific Outcome:

As part of the school's charter and mission, Amity School of Architecture and Planning is providing a vibrant planning environment, ensuring its under-graduates are not only valued by the planning practice, but are also able to:

PSO1. Demonstrate critical thinking as they identify, analyze, and solve interior architecture and design problems through completion of interior design studio projects. Apply creative and critical thinking to solve interior environment problems from a human-cantered approach and apply this knowledge to design solutions.

PSO2. Demonstrate preparation for global design practice by incorporating cultural norms of user populations and applying that knowledge to design solutions that support globally diverse end users.

PSO3. Demonstrate effective visual, verbal, and written communication.

PSO4. Apply ethical and professional practices.

PSO5. Demonstrate social responsibility by designing sustainable interior environments that support indoor environmental quality and improve the quality of life for occupants.

PSO6. Engage in integrative professional design practice by contributing interior architecture and design expertise to collaborative design teams.

Note: - Correlation levels 1, 2 and 3 as defined below:

1: Slight (Low), 2: Moderate (Medium) and 3: Substantial (High)

If there is no correlation, put "-"

	PROGRAMME ARTICULATION MATRIX																				
SEM	SUBJECT CODE	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12	PO 13	PO 14	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5	PSO 6
	BID101	3	3	3	3	2	1	2	3	3	1	1	3	3	1	3	3	-	-	2	-
	BID102	2	2	3	2	2	1	-		1	2	2	2	-	1	1	3	-	-	-	-
	BID103	2	2	1	-	3	1	2	3	3	2	1	1	2	2	3	3	1	-	-	-
- 1	BID104	1	1	1	2	-	-	-	2	-	-	-	2	-	-	1	1	-	-	-	-
	BID105	3	2	3	2	1	1	2	3	1	2	-	3	-	1	3	3	-	-	2	-
	BID106	-	1	-	-	-	-	3	2	-	-	-	-	-	1	1	1	-	-	-	-
	BID107	3	2	3	3	1	1	3	-	3	3	-	3	2	3	3	3	3	-	-	-
	BID201	3	2	3	3	2	2	2	3	3	1	1	3	3	1	3	3	-	-	2	-
	BID202	3	-	3	2	2	2	-	1	1	1	3	3	2	1	1	2	-	-	-	-
	BID203	2	2	1	1	3	2	2	3	3	2	1	2	2	1	3	3	1	-	2	-
П	BID204	1	3	1	-	-	-	-	1	1	-	-	2	-	1	1	1	-	-	-	-
	BID205	1	-	3	3	1	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-
	BID206	1	1	-	-	-	-	3	3	3	-	-	-	-	-	1	3	-	-	-	-
	BID207	3	-	1	3	1	1	-	1	3	3	3	3	3	3	3	3	3	-	-	-
	BID301	3	3	3	3	2	2	2	3	3	1	1	2	3	1	3	3	-	-	2	-
	BID302	2	-	3	2	2	2	-	1	1	1	2	2	2	1	1	1	-	-	-	-
	BID303	2	2	2	2	-	3	2	-	1	-	-	-	2	-	1	1	-	-	-	-
Ш	BID304	3	3	-	-	3	-	-	3	3	-	-	-	-	-	1	1	-	-	-	-
	BID305	1	-	3	3	1	2	-	-	-	-	-	-	-	-	1	-	-	-	-	-
	BID306	1	1	-	-	2	-	3	3	3	-	-	-	-	-	-	-	-	-	-	-
	BID307	1	3	1	-	3	-	-	3	3	-	-	-	-	3	-	-	-	-	2	-
	BID401	3	3	3	3	2	2	2	3	3	2	1	2	3	1	3	3	-	-	2	-
	BID402	2	1	3	2	2	2	-	1	-	2	1	2	3	1	1	1	-	-	2	-
	BID403	2	2	2	3	1	2	1	1	-	-	-	-	2	-	3	1	-	-	2	-
IV	BID404	3	-	2	3	1	2	1	1	-	1	2	2	2	-	1	1	-	-	2	-
	BID405	3	1	1	1	1	1	-	3	3	3	2	2	1	1	3	3	-	-	-	-
	BID406	3	3	3	3	3	2	3	2	3	3	2	3	-	-	1	3	-	-	2	-
	BID407	3	2	3	3	2	2	2	2	3	3	-	-	-	1	1	3	-	-	-	-
	BID501	3	3	3	3	2	2	2	3	3	3	1	2	3	1	3	1	-	-	2	-
	BID502	2	1	3	2	2	2	1	1	-	1	1	2	3	1	1	1	-	-	-	-
V	BID503	2	1	2	3	-	3	1	1	-	-	3	-	2	3	3	1	-	-	2	-
V	BID504	2	1	1	3	-	3	-	-	-	-	3	-	2	3	3	1	-	-	2	-
	BID505	1	1	-	-	1	-	3	3	3	-	-	1	-	3	1	1	3	-	-	-
	BID506	3	3	3	3	2	2	3	3	2	3	3	3	3	1	3	3	-	-	2	-
	BID601	3	3	3	3	2	2	2	3	3	3	3	1	3	1	3	3	-	-	2	-
	BID602	1	-	3	3	2	2	2	3	3	-	2	1	-	-	3	3	3	-	-	-
	BID603	3	3	2	2	1	1	1	3	3	1	2	2	2	3	3	3	-	-	-	-
VI	BID604	3	2	3	3	2	2	2	3	3	3	2	3	3	-	3	3	-	-	2	-
	BID605	2	-	1	3	-	-	-	-	-	-	-	-	-	3	3	-	-	-	-	-
	BID606	3	2	3	3	1	2	2	3	3	-	3	-	-	-	3	2	-	-	-	-
	BID607	2	3	3	3	1	2	2	3	3	1	-	-	-	3	3	2	-	-	-	-
VII	BID701	3	3	3	3	2	3	1	3	2	1	-	3	3	3	3	ı	-	-	2	-
VIII	BID 801	3	3	3	3	2	2	2	3	3	1	3	2	3	3	3	3	-	-	2	-

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BID 802	-	-	-	-	1	1	-	1	-	-	-	-	3	3	2	3	3	3	-	3
BID 803	1	-	2	1	1	2	-	2	1	-	1	-	2	3	2	1	2	-	-	-
BID 804	3	1	2	2	2	1	-	2	2	1	-	2	-	-	-	1	-	-	-	-
BID 805	1	3	1	1	2	1	2	1	2	1	1	-	2	1	2	-	-	-	-	-

DEPARTMENT OF ARCHITECTURE & PLANNING

Course Handout

Course: Building Interior Services – I (Plumbing & Sanitation)

Course Code: BID 303, Crédits: 03, Session: 2019-2020 (Odd Sem.), Class: BID 2nd Year

Faculty Name: Ar. Manish Kumar Chitranshi

R. Introduction: To Familiarize the students with different building materials and construction techniques.

S. Course Outcomes: At the end of the course, students will be able to:

CO1: Students will learn the Water Supply, Sanitation, and waste water disposal system in a building as part of the building services.

CO2: The objective of the course is to provide a clear understanding about the Water Supply, know the latest market trends and requirements.

CO3: Sanitation and waste water disposal system in a building as part of the building services and know the latest market trends and requirements.

T. Programme Outcomes:

- **PO1. Design Knowledge:** Incorporate a global perspective when making design decisions, based on sustainable, socio-economic, and cultural contexts.
- **PO2. Problem Analysis:** Apply theories of human behaviour to human-centered design solutions.
- **PO3. Design/Development of Solutions:** Apply the design process to generate creative solutions to complex problems optimizing the human experience within the interior environment. Apply theory, psychology, and methodology of color to designs of the interior environment.
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- **PSO4.** Apply ethical and professional practices.
- **PSO5.** Demonstrate social responsibility by designing sustainable interior environments that support indoor environmental quality and improve the quality of life for occupants.
- **PSO6.** Engage in integrative professional design practice by contributing interior architecture and design expertise to collaborative design teams.

Assessment Plan:

Component of	Description	Code	Weightage
Evaluation			%
Continuous Internal	Mid Term	СТ	10%
Evaluation	Seminar/Viva-	S/V/Q/A	15%
	Voce/Quiz/Assignment		
Attendance	A minimum of 75% Attendance is	Α	5%
	required to be maintained by a studentto		
	be qualified for taking up the End Semester		
	examination. The allowance of 25%		
	includes all types of leaves		
	including medical leaves.		
End Semester	End Semester Examination	EE	70%

Examination		
Total		100%

V. Syllabus

Module I: Introduction to Building Services

Introduction to Building Services emphasis on Water Supply, Sanitation and Drainage, Water supply and distribution system at building level taking two-story building as example.

Module II: Sanitation disposal

Sanitation disposal at city two industrial level & sanitary layout and fixture setting at building level, Toilet & Kitchen layout of a residential building with sanitary fitting & Fixture, Market survey of all the sanitary products and presentation in form of report

Module III: Piping system

Interior to Piping system / I.C / G.T. and with all its types, Storm water drainage system in a building, Pipes and fittings, materials, size and classification.

Module IV: Water storage

Underground, overhead and internal storage tanks and supply lines.

Examination Scheme:

Components	Attendance	Mid-Term	Assignment	EE
Weightage (%)	5	10	15	70

CT: Class Test, A: Assignment, S/V/Q: Seminar/Viva/Quiz, EE: End Semester Examination; A: Attendance

- W. Suggested Text/Reference Books:
- X. Home Plumbing The David & Charles Manual, Ernest Hall
- Y. Water Supply & Sanitation, Charanjit S. Shah
- Z. The Construction of Building Vol 1 to 5, R. Barry
- AA. Building Construction, N.L. Arora &, B.R. Gupta
- **BB.** The Books of Kitchens, Anthony Rowley

References:

- The Construction of Building Vol- 1 to 5, R. Barry
- Building Construction, N.L. Arora &, B.R. Gupta
- Interior Detail 1 (Residence), Jeong, Kwang Young
- Interior Spaces Vol 6 (A Pictorial Review), Image Publishing Group

CC. Lecture Plan

Lecture	Topics	Mode of Delivery	Correspon ding CO	Mode of Assessing CO
1	Introduction to Building Services emphasis on Water Supply	Lecture	CO1	Mid Term-1, Quiz & End Sem Exam
2	Introduction to Building	Lecture	CO1	Mid Term-1, Quiz & End Sem Exam

	Services emphasis on			
	Water Supply			
3	Introduction to Building	Lecture	CO1	Mid Term-1, Quiz
	Services emphasis on			& End Sem Exam
	Water Supply			
4	Introduction to Building	Lecture	CO1	Mid Term-1, Quiz
	Services emphasis on Water			& End Sem Exam
	Supply			
5	Introduction to Building	Lecture	CO1	Mid Term-1, Quiz
	Services emphasis on			& End Sem Exam
	Water Supply			
6	Introduction to Building	Lecture	CO1	Mid Term-1, Quiz
	Services emphasis on			& End Sem Exam
	Sanitation and			
	Drainage, Water supply			
	and distribution system			
7	Introduction to Building	Lecture	CO1	Mid Term-1, Quiz
	Services emphasis on			& End Sem Exam
	Sanitation and			
	Drainage, Water supply			
	and distribution system			
8	Introduction to Building	Lecture	CO1	Mid Term-1, Quiz
	Services emphasis on			& End Sem Exam
	Sanitation and			
	Drainage, Water supply			
	and distribution system			
9	Introduction to Building	Lecture	CO1	Mid Term-1, Quiz
	Services emphasis on			& End Sem Exam
	Sanitation and			
	Drainage, Water supply			
	and distribution system			
10	Introduction to Building	Lecture	CO1	Mid Term-1, Quiz
	Services emphasis on			& End Sem Exam
	Sanitation and			
	Drainage, Water supply			
	and distribution system			

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11	Introduction to Building Services emphasis on	Lecture	CO1	Mid Term-1, Quiz & End Sem Exam
	Sanitation and			
	Drainage, Water supply			
	and distribution system			
12	Introduction to Building	Lecture	CO1	Mid Term-1, Quiz
	Services emphasis on			& End Sem Exam
	Sanitation and			
	Drainage, Water supply			
	and distribution system			
13	Introduction to Building	Lecture	CO1	Mid Term-1, Quiz
	Services emphasis on			& End Sem Exam
	Sanitation and			
	Drainage, Water supply			
	and distribution system			
14	Sanitation disposal at city	Lecture	CO1	Mid Term-1, Quiz
	two industrial level & sanitary			& End Sem Exam
	layout and fixture setting at			
	building level			
15	Sanitation disposal at city	Lecture	CO1	Mid Term-1, Quiz & End Sem Exam
	two industrial level & sanitary			& End Sem Exam
	layout and fixture setting at			
	building level			
16	Sanitation disposal at city	Lecture	CO2	Mid Term-1, Quiz & End Sem Exam
	two industrial level & sanitary			& Eliu Selli Exdili
	layout and fixture setting at			
	building level			
17	Sanitation disposal at city	Lecture	CO2	Mid Term-1, Quiz & End Sem Exam
	two industrial level & sanitary			& LIIU JEIII EXAIII
	layout and fixture setting at			
	building level			
18	Sanitation disposal at city	Lecture	CO2	Mid Term-1, Quiz & End Sem Exam
	two industrial level & sanitary			& LIIU JEIII LAGIII
	layout and fixture setting at			
	building level			

19	Sanitation disposal at city two industrial level & sanitary layout and fixture setting at building level	Lecture	CO2	Mid Term-1, Quiz & End Sem Exam
20	Sanitation disposal at city two industrial level & sanitary layout and fixture setting at building level	Lecture	CO2	Mid Term-1, Quiz & End Sem Exam
21	Sanitation disposal at city two industrial level & sanitary layout and fixture setting at building level	Lecture	CO2	Mid Term-2, Quiz & End Sem Exam
22	Sanitation disposal at city two industrial level & sanitary layout and fixture setting at building level	Lecture	CO2	Mid Term-2, Quiz & End Sem Exam
23	Sanitation disposal at city two industrial level & sanitary layout and fixture setting at building level	Lecture	CO2	Mid Term-2, Quiz & End Sem Exam
24	Sanitation disposal at city two industrial level & sanitary layout and fixture setting at building level	Lecture	CO2	Mid Term-2, Quiz & End Sem Exam
25	Sanitation disposal at city two industrial level & sanitary layout and fixture setting at building level	Lecture	CO2	Mid Term-2, Quiz & End Sem Exam
26	Sanitation disposal at city two industrial level & sanitary layout and fixture setting at building level	Lecture	CO2	Mid Term-2, Quiz & End Sem Exam
27	Sanitation disposal at city two industrial level & sanitary layout and fixture setting at building level	Lecture	CO2	Mid Term-2, Quiz & End Sem Exam

28	Carifolia dia 1	Lecture	CO2	Mid Term-2, Quiz
20	Sanitation disposal at city	LCCLUIC	502	& End Sem Exam
	two industrial level & sanitary			
	layout and fixture setting at			
30	building level	11	602	DANGET AND CO.
29	Toilet & Kitchen layout of a	Lecture	CO2	Mid Term-2, Quiz & End Sem Exam
	residential building with			
	sanitary fitting			
	& Fixture, Market survey of			
	all the sanitary products and			
	presentation in form			
	of report			
30	Toilet & Kitchen layout of a	Lecture	CO2	Mid Term-2, Quiz
	residential building with			& End Sem Exam
	sanitary fitting			
	& Fixture, Market survey of			
	all the sanitary products and			
	presentation in form			
	of report			
31	Toilet & Kitchen layout of a	Lecture	CO3	Mid Term-2, Quiz
	residential building with			& End Sem Exam
	sanitary fitting			
	& Fixture, Market survey of			
	all the sanitary products and			
	presentation in form			
	of report			
32	Toilet & Kitchen layout of a	Lecture	CO3	Mid Term-2, Quiz
	residential building with			& End Sem Exam
	sanitary fitting			
	& Fixture, Market survey of			
	all the sanitary products and			
	presentation in form			
	of report			
33	Toilet & Kitchen layout of a	Lecture	CO3	Mid Term-2, Quiz
	residential building with			& End Sem Exam
	sanitary fitting			
		l		

	Or Firstuma Mandrat			
	& Fixture, Market survey of			
	all the sanitary products and			
	presentation in form			
34	of report	Lecture	CO3	Mid Torm 2 Quiz
54	Toilet & Kitchen layout of a	Lecture	COS	Mid Term-2, Quiz & End Sem Exam
	residential building with			
	sanitary fitting			
	& Fixture, Market survey of			
	all the sanitary products and			
	presentation in form			
25	of report	Locture	CO2	Mid Torm 2 Ovi-
35	Interior to Piping system / I.C	Lecture	CO3	Mid Term-2, Quiz & End Sem Exam
	/ G.T. and with all its types,			
	Storm water drainage			
	system in a building,			
	Pipes and fittings,			
	materials, size and			
2.5	classification.		600	ANIT OF
36	Interior to Piping system / I.C	Lecture	CO3	Mid Term-2, Quiz & End Sem Exam
	/ G.T. and with all its types,			a 2.10 John Exam
	Storm water drainage			
	system in a building,			
	Pipes and fittings,			
	materials, size and			
	classification.			
37	Interior to Piping system / I.C	Lecture	CO3	Mid Term-2, Quiz & End Sem Exam
	/ G.T. and with all its types,			& Liiu Seili Exdiii
	Storm water drainage			
	system in a building,			
	Pipes and fittings,			
	materials, size and			
	classification.			
38	Interior to Piping system / I.C	Lecture	CO3	Mid Term-2, Quiz
	/ G.T. and with all its types,			& End Sem Exam
	Storm water drainage			
	system in a building,			
	Pipes and fittings,			
				

	materials, size and			
	classification.			
39	Interior to Piping system / I.C	Lecture	CO3	Mid Term-2, Quiz
	/ G.T. and with all its types,			& End Sem Exam
	Storm water drainage			
	system in a building,			
	Pipes and fittings,			
	materials, size and			
	classification.			
40	Underground, overhead	Lecture	CO3	Mid Term-2, Quiz
	and internal storage			& End Sem Exam
	tanks and supply lines.			
41	Underground, overhead	Lecture	CO3	Mid Term-2, Quiz
	and internal storage			& End Sem Exam
	tanks and supply lines.			
42	Underground, overhead	Lecture	CO3	Mid Term-2, Quiz & End Sem Exam
	and internal storage			& End Sem Exam
	tanks and supply lines.			
43	Underground, overhead	Lecture	CO3	Mid Term-2, Quiz
	and internal storage			& End Sem Exam
	tanks and supply lines.			
44	Underground, overhead	Lecture	CO3	Mid Term-2, Quiz
	and internal storage			& End Sem Exam
	tanks and supply lines.			
45	Underground, overhead	Lecture	CO3	Mid Term-2, Quiz
	and internal storage			& End Sem Exam
	tanks and supply lines.			

DD. Course Articulation Matrix (Mapping of COs with POs)

СО	STATEMENT	CORRELATION WITH PROGRAMME OUTCOMES										CORRELATION WITH PROGRAMME SPECIFIC OUTCOMES						
		Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	PS	PS	PS	PS	PS
		0	0	0	0	О	0	0	0	0	0	0	0	01	02	О3	04	05
		1	2	3	4	5	6	7	8	9	1	1	1					
											0	1	2					

CO 01	Students will learn the																	
	Water Supply,																	
	Sanitation, and waste	2	2	2			3	2	-	1	-	-	-	2	-	1		
	water disposal system	2	2	2	2	-	3	2										
	in a building as part of																	
	the building services.																1	-
CO 02	The objective of the																	
	course is to provide a																	
	clear understanding																	
	about the Water																	
	Supply, know the																	
	latest market trends																	
	and requirements.																	
CO 03	Sanitation and waste																	
	water disposal system																	
	in a building as part of																	
	the building services																	
	and know the latest																	
	market trends and																	
	requirements.																	

Sample Question Paper

	Amity School of Architecture & Planning I MID-SEMESTER (SEM –III) 2019-2020											
	Class: B.Tech.(CSE) III Semester											
Subject Name: BID Building Interior		Time: 2 Hrs		Max. Marks: 10								
Levels of the questions as per Blooms Taxonomy	Remembering	Understanding	Applying	Analyz	zing	Evaluating	Creating					
Question Mapping	Q.1,4	Q.2,3	Q.4	Q.2,5,	6							

Student will be able to

CO1: List the broad perceptive of cloud architecture and model.

CO2: Apply different cloud programming models as per need.

CO Map	Question No.	Question	Marks
CO1	Q.1	Explain in brief the cloud computing concept.	3
CO1	Q.2a	What are the essential characteristics of cloud computing?	3
	Q.2b	How is cloud computing requirements and cloud servicerequirement services related to each other?	3

CO2	Q.3	Sketch NIST Cloud Computing Reference Architecture and depictits elements	6
CO2	Q.4	Explain the significance of Cloud Reference Model	3
CO3	Q.5a	Elaborate different cloud types with example.	3
CO3	Q.5b	Write characteristics of private cloud.	3
CO3	Q 6	How virtualization is applied in cloud computing scenario?	6

Attainments		Rubric
Level	1	IF 60% of students secure more than 60% marks then level 1
		15 700/ 6 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Level	2	IF 70% of students secure more than 60% marks then level 2
Level	3	IF 80% of students secure more than 60% marks then level 3

Course outcome: Based on internal and external assessment the level of Course outcome attainment of the course BID/Course code BID 303 is level 2 for the academic year 2019-2020.



AMITY UNIVERSITY MADHYA PRADESH, GWALIOR AMITY SCHOOL OF ARCHITECTURE AND PLANNING DEPARTMENT OF ARCHITECTURE AND PLANNING

PROGRAMME OUTCOMES AND PROGRAMME SPECIFIC OUTCOMES Bachelor of Interior Design (BID), Academic Year – 2019-2020

Program Outcomes:

- **PO1. Design Knowledge:** Incorporate a global perspective when making design decisions, based on sustainable, socio-economic, and cultural contexts.
- PO2. Problem Analysis: Apply theories of human behaviour to human-centered design solutions.
- **PO3.** Design/Development of Solutions: Apply the design process to generate creative solutions to complex problems optimizing the human experience within the interior environment. Apply theory, psychology, and methodology of color to designs of the interior environment.
- **PO4. Individual and Team Work:** Collaborate in multi-disciplinary teams respecting a variety of points of view and perspectives that enrich the process and product of the team.
- **PO5. Communication:** Communicate complex ideas clearly to specialists and non-specialists through appropriate oral, written, and representational media.
- **PO6. Life Long Learning:** Exemplify accepted standards of professionalism and business practice including a commitment to engage in lifelong learning.
- **PO7. Context and Society:** Analyze interiors, architecture, the decorative arts, and art within a historical and cultural context to inform contemporary design solutions that relate with the society for whom the design solution is to be provided.
- **PO8. Synthesis of Concepts:** Synthesize theories and concepts of spatial definition and organization into multi-dimensional design solutions.
- **PO9. Modern Technique usage:** Specify furniture, fixtures, and equipment's of finish materials to meet the design criteria for a variety of interior spaces.
- **PO10.** Environment and Sustainability: Apply principles of lighting, acoustics, thermal comfort, and indoor air quality as required to enhance the health, safety, welfare, and performance of building occupants for overall sustainable development of the individuals.
- PO11. Ethics: Comply with laws, codes, and standards that impact fire safety and life safety.

PO12. Project/Construction Management: Produce construction drawings and documents using industry standards for a variety of interior spaces. Employ environment-behaviour research methodologies to address open-ended problems in interior design.

Program Specific Outcome:

As part of the school's charter and mission, Amity School of Architecture and Planning is providing a vibrant planning environment, ensuring its under-graduates are not only valued by the planning practice, but are also able to:

PSO1. Demonstrate critical thinking as they identify, analyze, and solve interior architecture and design problems through completion of interior design studio projects. Apply creative and critical thinking to solve interior environment problems from a human-cantered approach and apply this knowledge to design solutions.

PSO2. Demonstrate preparation for global design practice by incorporating cultural norms of user populations and applying that knowledge to design solutions that support globally diverse end users.

PSO3. Demonstrate effective visual, verbal, and written communication.

PSO4. Apply ethical and professional practices.

PSO5. Demonstrate social responsibility by designing sustainable interior environments that support indoor environmental quality and improve the quality of life for occupants.

PSO6. Engage in integrative professional design practice by contributing interior architecture and design expertise to collaborative design teams.

Note: - Correlation levels 1, 2 and 3 as defined below:

1: Slight (Low), 2: Moderate (Medium) and 3: Substantial (High)

If there is no correlation, put "-"

						P	ROG	RAN	1ME	ARTI	CULA	TIOI	N MA	ATRIX	(
SEM	SUBJECT CODE	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12	PO 13	PO 14	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5	PSO 6
	BID101	3	3	3	3	2	1	2	3	3	1	1	3	3	1	3	3	-	-	2	-
	BID102	2	2	3	2	2	1	-		1	2	2	2	-	1	1	3	-	-	-	-
	BID103	2	2	1	-	3	1	2	3	3	2	1	1	2	2	3	3	1	-	-	-
- 1	BID104	1	1	1	2	-	-	-	2	-	-	-	2	-	-	1	1	-	-	-	-
	BID105	3	2	3	2	1	1	2	3	1	2	-	3	-	1	3	3	-	-	2	-
	BID106	-	1	-	-	-	-	3	2	-	-	-	-	-	1	1	1	-	-	-	-
	BID107	3	2	3	3	1	1	3	-	3	3	-	3	2	3	3	3	3	-	-	-
	BID201	3	2	3	3	2	2	2	3	3	1	1	3	3	1	3	3	-	-	2	-
	BID202	3	-	3	2	2	2	-	1	1	1	3	3	2	1	1	2	-	-	-	-
	BID203	2	2	1	1	3	2	2	3	3	2	1	2	2	1	3	3	1	-	2	-
П	BID204	1	3	1	-	-	-	-	1	1	-	-	2	-	1	1	1	-	-	-	-
	BID205	1	-	3	3	1	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-
	BID206	1	1	-	-	-	-	3	3	3	-	-	-	-	-	1	3	-	-	-	-
	BID207	3	-	1	3	1	1	-	1	3	3	3	3	3	3	3	3	3	-	-	-
	BID301	3	3	3	3	2	2	2	3	3	1	1	2	3	1	3	3	-	-	2	-
	BID302	2	-	3	2	2	2	-	1	1	1	2	2	2	1	1	1	-	-	-	-
	BID303	2	2	2	2	-	3	2	-	1	-	-	-	2	-	1	1	-	-	-	-
Ш	BID304	3	3	-	-	3	-	-	3	3	-	-	-	-	-	1	1	-	-	-	-
	BID305	1	-	3	3	1	2	-	-	-	-	-	-	-	-	1	-	-	-	-	-
	BID306	1	1	-	-	2	-	3	3	3	-	-	-	-	-	-	-	-	-	-	-
	BID307	1	3	1	-	3	-	-	3	3	-	-	-	-	3	-	-	-	-	2	-
	BID401	3	3	3	3	2	2	2	3	3	2	1	2	3	1	3	3	-	-	2	-
	BID402	2	1	3	2	2	2	-	1	-	2	1	2	3	1	1	1	-	-	2	-
	BID403	2	2	2	3	1	2	1	1	-	-	-	-	2	-	3	1	-	-	2	-
IV	BID404	3	-	2	3	1	2	1	1	-	1	2	2	2	-	1	1	-	-	2	-
	BID405	3	1	1	1	1	1	-	3	3	3	2	2	1	1	3	3	-	-	-	-
	BID406	3	3	3	3	3	2	3	2	3	3	2	3	-	-	1	3	-	-	2	-
	BID407	3	2	3	3	2	2	2	2	3	3	-	-	-	1	1	3	-	-	-	-
	BID501	3	3	3	3	2	2	2	3	3	3	1	2	3	1	3	1	-	-	2	-
	BID502	2	1	3	2	2	2	1	1	-	1	1	2	3	1	1	1	-	-	-	-
V	BID503	2	1	2	3	-	3	1	1	-	-	3	-	2	3	3	1	-	-	2	-
V	BID504	2	1	1	3	-	3	-	-	-	-	3	-	2	3	3	1	-	-	2	-
	BID505	1	1	-	-	1	-	3	3	3	-	-	1	-	3	1	1	3	-	-	-
	BID506	3	3	3	3	2	2	3	3	2	3	3	3	3	1	3	3	-	-	2	-
	BID601	3	3	3	3	2	2	2	3	3	3	3	1	3	1	3	3	-	-	2	-
	BID602	1	-	3	3	2	2	2	3	3	-	2	1	-	-	3	3	3	-	-	-
	BID603	3	3	2	2	1	1	1	3	3	1	2	2	2	3	3	3	-	-	-	-
VI	BID604	3	2	3	3	2	2	2	3	3	3	2	3	3	-	3	3	-	-	2	-
	BID605	2	-	1	3	-	-	-	-	-	-	-	-	-	3	3	-	-	-	-	-
	BID606	3	2	3	3	1	2	2	3	3	-	3	-	-	-	3	2	-	-	-	-
	BID607	2	3	3	3	1	2	2	3	3	1	-	-	-	3	3	2	-	-	-	-
VII	BID701	3	3	3	3	2	3	1	3	2	1	-	3	3	3	3	ı	-	-	2	-
VIII	BID 801	3	3	3	3	2	2	2	3	3	1	3	2	3	3	3	3	-	-	2	-

			i						i											
BID 802	-	-	-	-	1	1	-	1	-	-	-	-	3	3	2	3	3	3	-	3
BID 803	1	-	2	1	1	2	-	2	1	-	1	-	2	3	2	1	2	-	-	-
BID 804	3	1	2	2	2	1	-	2	2	1	-	2	-	-	-	1	-	-	-	-
BID 805	1	3	1	1	2	1	2	1	2	1	1	-	2	1	2	-	-	-	-	-

DEPARTMENT OF ARCHITECTURE & PLANNING

Course Handout

Course: Photography

Course Code: BID 304, Crédits: 02, Session: 2019-2020 (Odd Sem.), Class: BID 2nd Year

Faculty Name: Ar. Manish Kumar Chitranshi

A. Introduction: To Familiarize the students to develop a basic sense of visual perception for students through observation of composition, color and light interaction, shades and shadows and positive and negative space relationship.

- **B.** Course Outcomes: At the end of the course, students will be able to:
 - CO1: Development of fundamental and technical capabilities necessary for photography.
 - CO2: To develop competency in basic photographic techniques required for Interior Design.
 - CO3: The course is skill based and practical involving the development of fundamental and technical capabilities necessary for photography.
 - CO4: It enables students to see things, analyze them and express them in a strong visual form.

C. Programme Outcomes:

- **PO1. Design Knowledge:** Incorporate a global perspective when making design decisions, based on sustainable, socio-economic, and cultural contexts.
- **PO2. Problem Analysis:** Apply theories of human behaviour to human-centered design solutions.
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- **PSO3.** Demonstrate effective visual, verbal, and written communication.
- **PSO4.** Apply ethical and professional practices.
- **PSO5.** Demonstrate social responsibility by designing sustainable interior environments that support indoor environmental quality and improve the quality of life for occupants.
- **PSO6.** Engage in integrative professional design practice by contributing interior architecture and design expertise to collaborative design teams.

Assessment Plan:

Component of	Description	Code	Weightage
Evaluation			%
Continuous Internal	Mid Term	СТ	10%
Evaluation	Seminar/Quiz/ Assignment	S//Q/A	15%
Attendance	A minimum of 75% Attendance is required to be maintained by a studentto be qualified for taking up the End Semester examination. The allowance of 25% includes all types of leaves including medical leaves.	A	5%
End Semester	End Semester	VV	70%

Examination	Viva-Voce	
Total		100%

E. Syllabus

Module I: Introduction

the basic principles of photography and photographic equipment Analog and digital photography. Types of cameras. Understanding of the camera, its various parts and controls. Lenses, sensors, scanners, shutter speeds and movement, focus and aperture, choice of exposure, changing focal length, flash and its control, light conditions, light compensation. Accessories - studio equipment, tripod, flashlight, lens filters, hood, adapters, grid screen, memory cards, batteries and rechargeable etc., use of fixed focal lenses, black and white negative films.

Module II: Techniques

Seeing and photographing, using the view finder, framing up, creating a point of emphasis, picking lighting conditions, pattern, texture and shape, color etc.

Module III: Lighting in photography

Quality and quantity, soft and hard, lighting direction, color temperature in camera meters, incident light meters, flash meters, using studio lights, number of lights, types of lights, tungsten, flash, fluorescent etc., proper accessories, reflectors, filters, shift lens, daylight, artificial light, mixed light, simple setups for adding light, multiple light sources etc.

Module IV: Digital photography

introduction to digital photography tools, different aspects of taking images, steps in image processing, editing techniques, sequencing, image manipulation using a computer, storage formats, printing digital files, presentation of photographs.

Module IV: Interior photography

Analysis of subject and content, perspective – vanishing points, distortion, converging verticals, usage of shift lens, camera position, picture format, image frame and composition – stationery surrounding objects, moving objects. Shooting parameters – shutter speed, aperture, light sensitivity, exposure, shadows and reflections.

Examination Scheme:

Components	Attendance	Mid-Term	Assignment	VV
Weightage (%)	5	10	15	70

CT: Class Test, A: Assignment, S/VV/Q: Seminar/Viva/Quiz, EE: End Semester Examination; A: Attendance

F. Suggested Text/Reference Books:

Scott Kelby, The Digital Photography Book, peachpit press, 1st edition, 2006. Tom Grimme & Michelle Grimme, The Basic Book of Photography, 5th ed., Plume, 2003. Eric Roth, Interior Photography: Lighting and Other Professional Techniques with Style, Amphoto

Books; illustrated edition, 2005

Julius Shulman & Richard Neutra, Photographing Architecture and Interiors, Balcony Press, 1st edition,

2000.

Michael Harris, Professional Interior Photography, Focal press publishers, third edition, 2003

References:

Philip Andrews & Michael Langford, Langford's starting photography: A guide to better pictures for film

and digital camera users, Focal press publishers, 4th edition, 2005.

John Freeman, Lighting for Interiors, Rotovision publishers, illustrated edition, 2002. Bryan Peterson, Understanding close-up photography: Creative close encounters with or without a

macro lens, Amphoto Books publishers, illustrated edition, 2009.

G. Lecture Plan

Lecture	Topics	Mode of Delivery	Correspon ding CO	Mode of Assessing CO
1	the basic principles of photography and photographic equipment Analog and digital	Lecture	CO1	Mid Term-1, Quiz & End Sem Exam
2	photography. Types of cameras. Understanding of the camera, its various parts and	Lecture	CO1	Mid Term-1, Quiz & End Sem Exam
3	controls. Lenses, sensors, scanners, shutter speeds and movement, focus and	Lecture	CO1	Mid Term-1, Quiz & End Sem Exam
4	aperture, choice of exposure, changing focal length, flash and its control, light	Lecture	CO1	Mid Term-1, Quiz & End Sem Exam
5	conditions, light compensation. Accessories - studio equipment, tripod, flashlight,	Lecture	CO1	Mid Term-1, Quiz & End Sem Exam
6	lens filters, hood, adapters, grid screen, memory cards, batteries and rechargeable	Lecture	CO1	Mid Term-1, Quiz & End Sem Exam
7	etc., use of fixed focal lenses, black and white negative films.	Lecture	CO2	Mid Term-1, Quiz & End Sem Exam
8	the basic principles of photography and photographic equipment Analog and digital	Lecture	CO2	Mid Term-1, Quiz & End Sem Exam
9	photography. Types of cameras. Understanding of the camera, its various parts and	Lecture	CO2	Mid Term-1, Quiz & End Sem Exam
10	controls. Lenses, sensors, scanners, shutter speeds and movement, focus and	Lecture	CO2	Mid Term-1, Quiz & End Sem Exam
11	Seeing and photographing, using the view finder, framing up, creating a point of	Lecture	CO2	Mid Term-1, Quiz & End Sem Exam

12	emphasis, picking lighting conditions, pattern, texture and shape, color	Lecture	CO2	Mid Term-1, Quiz & End Sem Exam
	etc.			
13	Seeing and photographing, using the view finder, framing up, creating a point of	Lecture	CO2	Mid Term-1, Quiz & End Sem Exam
14	emphasis, picking lighting conditions, pattern, texture and shape, color etc.	Lecture	CO2	Mid Term-1, Quiz & End Sem Exam
15	Seeing and photographing, using the view finder, framing up, creating a point of	Lecture	CO2	Mid Term-1, Quiz & End Sem Exam
16	quality and quantity, soft and hard, lighting direction, color temperature in camera	Lecture	CO3	Mid Term-1, Quiz & End Sem Exam
17	meters, incident light meters, flash meters, using studio lights, number of lights,	Lecture	CO3	Mid Term-1, Quiz & End Sem Exam
18	types of lights, tungsten, flash, fluorescent etc., proper accessories, reflectors, filters,	Lecture	CO3	Mid Term-1, Quiz & End Sem Exam
19	shift lens, daylight, artificial light, mixed light, simple setups for adding light,	Lecture	CO3	Mid Term-1, Quiz & End Sem Exam
20	multiple light sources etc.	Lecture	CO3	Mid Term-1, Quiz & End Sem Exam
21	quality and quantity, soft and hard, lighting direction, color temperature in camera	Lecture	CO3	Mid Term-2, Quiz & End Sem Exam
22	meters, incident light meters, flash meters, using studio lights, number of lights,	Lecture	CO4	Mid Term-2, Quiz & End Sem Exam
23	types of lights, tungsten, flash, fluorescent etc., proper accessories, reflectors, filters,	Lecture	CO4	Mid Term-2, Quiz & End Sem Exam
24	shift lens, daylight, artificial light, mixed light, simple setups for adding light,	Lecture	CO4	Mid Term-2, Quiz & End Sem Exam
25	multiple light sources etc.	Lecture	CO4	Mid Term-2, Quiz & End Sem Exam
26	introduction to digital photography tools, different aspects of taking images, steps in	Lecture	CO4	Mid Term-2, Quiz & End Sem Exam

27	image processing, editing techniques, sequencing, image manipulation using a	Lecture	CO4	Mid Term-2, Quiz & End Sem Exam
28	computer, storage formats, printing digital files, presentation of photographs.	Lecture	CO4	Mid Term-2, Quiz & End Sem Exam
29	Analysis of subject and content, perspective - vanishing points, distortion,	Lecture	CO4	Mid Term-2, Quiz & End Sem Exam
30	converging verticals, usage of shift lens, camera position, picture format, image	Lecture	CO4	Mid Term-2, Quiz & End Sem Exam

H. Course Articulation Matrix (Mapping of COs with POs)

СО	STATEMENT		COF	RREL			ITH COM		GRAI	MMI	Ξ			CORRELATION WITH PROGRAMME SPECIFIC OUTCOMES				
		P O 1	P O 2	P O 3	P O 4	P O 5	P O 6	P O 7	P O 8	P O 9	P O 1 0	P O 1	P O 1	PS O1	PS O2	PS O3	PS 04	PS 05
CO 01	Development of fundamental and technical capabilities necessary for photography.	3	3	-	-	3	-	-	3	3	-	-	1	-	-	1	1	-
CO 02	To develop competency in basic photographic techniques required for Interior Design.																	
	The course is skill based and practical involving the development of fundamental and technical capabilities necessary for photography.	3	3	-	-	3	-	-	3	3	-	_	1	-	-	1	1	_
CO 04	It enables students to see things, analyze them and express them in a strong visual form.																	

Sample Question Paper

Amity School of Architecture & Planning I MID-SEMESTER (SEM –III) 2019-2020												
Class: B.Tech.(CSE) III Semester												
Subject Name: BID Photography	304	Time: 2 Hrs		Max. Marks: 10								
Levels of the questions as per Blooms Taxonomy	Remembering	Understanding	Applying	Analyz	zing	Evaluating	Creating					
Question Mapping	Q.1,4	Q.2,3	Q.4	Q.2,5,6								

Student will be able to

CO1: List the broad perceptive of cloud architecture and model.

CO2: Apply different cloud programming models as per need.

CO Map	Question No.	Question	Marks
CO1	Q.1	Explain in brief the cloud computing concept.	3
CO1	Q.2a	What are the essential characteristics of cloud computing?	3
	Q.2b	How is cloud computing requirements and cloud servicerequirement services related to each other?	3
CO2	Q.3	Sketch NIST Cloud Computing Reference Architecture and depictits elements	6
CO3	Q.4	Explain the significance of Cloud Reference Model	3
CO4	Q.5a	Elaborate different cloud types with example.	3
CO4	Q.5b	Write characteristics of private cloud.	3
CO4	Q6	How virtualization is applied in cloud computing scenario?	6

Attainments		Rubric
Level	1	IF 60% of students secure more than 60% marks then level 1
Level	2	IF 70% of students secure more than 60% marks then level 2

Level	3	IF 80% of students secure more than 60% marks then level 3

Course outcome: Based on internal and external assessment the level of Course outcome attainment of the course BID/Course code BID 304 is level 2 for the academic year 2019-2020.



AMITY UNIVERSITY MADHYA PRADESH, GWALIOR AMITY SCHOOL OF ARCHITECTURE AND PLANNING DEPARTMENT OF ARCHITECTURE AND PLANNING

PROGRAMME OUTCOMES AND PROGRAMME SPECIFIC OUTCOMES Bachelor of Interior Design (BID), Academic Year – 2019-2020

Program Outcomes:

- **PO1. Design Knowledge:** Incorporate a global perspective when making design decisions, based on sustainable, socio-economic, and cultural contexts.
- PO2. Problem Analysis: Apply theories of human behaviour to human-centered design solutions.
- **PO3.** Design/Development of Solutions: Apply the design process to generate creative solutions to complex problems optimizing the human experience within the interior environment. Apply theory, psychology, and methodology of color to designs of the interior environment.
- **PO4. Individual and Team Work:** Collaborate in multi-disciplinary teams respecting a variety of points of view and perspectives that enrich the process and product of the team.
- **PO5. Communication:** Communicate complex ideas clearly to specialists and non-specialists through appropriate oral, written, and representational media.
- **PO6. Life Long Learning:** Exemplify accepted standards of professionalism and business practice including a commitment to engage in lifelong learning.
- **PO7. Context and Society:** Analyze interiors, architecture, the decorative arts, and art within a historical and cultural context to inform contemporary design solutions that relate with the society for whom the design solution is to be provided.
- **PO8. Synthesis of Concepts:** Synthesize theories and concepts of spatial definition and organization into multi-dimensional design solutions.
- **PO9. Modern Technique usage:** Specify furniture, fixtures, and equipment's of finish materials to meet the design criteria for a variety of interior spaces.
- **PO10. Environment and Sustainability:** Apply principles of lighting, acoustics, thermal comfort, and indoor air quality as required to enhance the health, safety, welfare, and performance of building occupants for overall sustainable development of the individuals.
- PO11. Ethics: Comply with laws, codes, and standards that impact fire safety and life safety.

PO12. Project/Construction Management: Produce construction drawings and documents using industry standards for a variety of interior spaces. Employ environment-behaviour research methodologies to address open-ended problems in interior design.

Program Specific Outcome:

As part of the school's charter and mission, Amity School of Architecture and Planning is providing a vibrant planning environment, ensuring its under-graduates are not only valued by the planning practice, but are also able to:

PSO1. Demonstrate critical thinking as they identify, analyze, and solve interior architecture and design problems through completion of interior design studio projects. Apply creative and critical thinking to solve interior environment problems from a human-cantered approach and apply this knowledge to design solutions.

PSO2. Demonstrate preparation for global design practice by incorporating cultural norms of user populations and applying that knowledge to design solutions that support globally diverse end users.

PSO3. Demonstrate effective visual, verbal, and written communication.

PSO4. Apply ethical and professional practices.

PSO5. Demonstrate social responsibility by designing sustainable interior environments that support indoor environmental quality and improve the quality of life for occupants.

PSO6. Engage in integrative professional design practice by contributing interior architecture and design expertise to collaborative design teams.

Note: - Correlation levels 1, 2 and 3 as defined below:

1: Slight (Low), 2: Moderate (Medium) and 3: Substantial (High)

If there is no correlation, put "-"

PROGRAMME ARTICULATION MATRIX																					
SEM	SUBJECT CODE	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12	PO 13	PO 14	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5	PSO 6
	BID101	3	3	3	3	2	1	2	3	3	1	1	3	3	1	3	3	-	-	2	-
	BID102	2	2	3	2	2	1	-		1	2	2	2	-	1	1	3	-	-	-	-
	BID103	2	2	1	-	3	1	2	3	3	2	1	1	2	2	3	3	1	-	-	-
I	BID104	1	1	1	2	-	-	-	2	-	-	-	2	-	-	1	1	-	-	-	-
	BID105	3	2	3	2	1	1	2	3	1	2	-	3	-	1	3	3	-	-	2	-
	BID106	-	1	-	-	-	-	3	2	-	-	-	-	-	1	1	1	-	-	-	-
	BID107	3	2	3	3	1	1	3	-	3	3	-	3	2	3	3	3	3	-	-	-
	BID201	3	2	3	3	2	2	2	3	3	1	1	3	3	1	3	3	-	-	2	-
	BID202	3	-	3	2	2	2	-	1	1	1	3	3	2	1	1	2	-	-	-	-
	BID203	2	2	1	1	3	2	2	3	3	2	1	2	2	1	3	3	1	-	2	-
П	BID204	1	3	1	-	-	-	-	1	1	-	-	2	-	1	1	1	-	-	-	-
	BID205	1	-	3	3	1	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-
	BID206	1	1	-	-	-	-	3	3	3	-	-	-	-	-	1	3	-	-	-	-
	BID207	3	-	1	3	1	1	-	1	3	3	3	3	3	3	3	3	3	-	-	-
	BID301	3	3	3	3	2	2	2	3	3	1	1	2	3	1	3	3	-	-	2	-
	BID302	2	-	3	2	2	2	-	1	1	1	2	2	2	1	1	1	-	-	-	-
	BID303	2	2	2	2	-	3	2	-	1	-	-	-	2	-	1	1	-	-	-	-
Ш	BID304	3	3	-	-	3	-	-	3	3	-	-	-	-	-	1	1	-	-	-	-
	BID305	1	-	3	3	1	2	-	-	-	-	-	-	-	-	1	-	-	-	-	-
	BID306	1	1	-	-	2	-	3	3	3	-	-	-	-	-	-	-	-	-	-	-
	BID307	1	3	1	-	3	-	-	3	3	-	-	-	-	3	-	-	-	-	2	-
	BID401	3	3	3	3	2	2	2	3	3	2	1	2	3	1	3	3	-	-	2	-
	BID402	2	1	3	2	2	2	-	1	-	2	1	2	3	1	1	1	-	-	2	-
	BID403	2	2	2	3	1	2	1	1	-	-	-	-	2	-	3	1	-	-	2	-
IV	BID404	3	-	2	3	1	2	1	1	-	1	2	2	2	-	1	1	-	-	2	-
	BID405	3	1	1	1	1	1	-	3	3	3	2	2	1	1	3	3	-	-	-	-
	BID406	3	3	3	3	3	2	3	2	3	3	2	3	-	-	1	3	-	-	2	-
	BID407	3	2	3	3	2	2	2	2	3	3	-	-	-	1	1	3	-	-	-	-
	BID501	3	3	3	3	2	2	2	3	3	3	1	2	3	1	3	1	-	-	2	-
	BID502	2	1	3	2	2	2	-	1	-	1	1	2	3	1	1	1	-	-	-	-
V	BID503	2	1	2	3	•	3	-	1	-	-	3	-	2	3	3	1	-	-	2	-
V	BID504	2	1	1	3	-	3	-	-	-	-	3	-	2	3	3	1	-	-	2	-
	BID505	1	1	-	-	1	-	3	3	3	-	-	1	-	3	1	1	3	-	-	-
	BID506	3	3	3	3	2	2	3	3	2	3	3	3	3	1	3	3	-	-	2	-
	BID601	3	3	3	3	2	2	2	3	3	3	3	1	3	1	3	3	-	-	2	-
	BID602	1	-	3	3	2	2	2	3	3	-	2	1	-	-	3	3	3	-	-	-
	BID603	3	3	2	2	1	1	1	3	3	1	2	2	2	3	3	3	-	-	-	-
VI	BID604	3	2	3	3	2	2	2	3	3	3	2	3	3	-	3	3	-	-	2	-
	BID605	2	-	1	3	-	-	-	-	-	-	-	-	-	3	3	-	-	-	-	-
	BID606	3	2	3	3	1	2	2	3	3	-	3	-	-	-	3	2	-	-	-	-
	BID607	2	3	3	3	1	2	2	3	3	1	-	-	-	3	3	2	-	-	-	-
VII	BID701	3	3	3	3	2	3	-	3	2	1	-	3	3	3	3	ı	-	-	2	-
VIII	BID 801	3	3	3	3	2	2	2	3	3	1	3	2	3	3	3	3	-	-	2	-

			i						i											
BID 802	-	-	-	-	1	1	-	1	-	-	-	-	3	3	2	3	3	3	-	3
BID 803	1	-	2	1	1	2	-	2	1	-	1	-	2	3	2	1	2	-	-	-
BID 804	3	1	2	2	2	1	-	2	2	1	-	2	-	-	-	1	-	-	-	-
BID 805	1	3	1	1	2	1	2	1	2	1	1	-	2	1	2	-	-	-	-	-

DEPARTMENT OF ARCHITECTURE & PLANNING

Course Handout

Course: Computer Applications – II

Course Code: BID 305, Crédits: 02, Session: 2019-2020 (Odd Sem.), Class: BID 2nd Year

Faculty Name: Ar. Manish Kumar Chitranshi

EE. Introduction: To Familiarize the students for developing basic understanding of software assisting in 2-D & 3-Dimensional design.

FF. Course Outcomes: At the end of the course, students will be able to:

CO1: To develop an understanding of software assisting in 3-Dimensional design.

CO2: Introduction to the use and application of Internet.

CO3: Learning software i.e., Auto Cad, Coral Draw and Adobe and Photoshop.

GG. Programme Outcomes:

- **PO1. Design Knowledge:** Incorporate a global perspective when making design decisions, based on sustainable, socio-economic, and cultural contexts.
- PO2. Problem Analysis: Apply theories of human behaviour to human-centered design solutions.
- **PO3. Design/Development of Solutions:** Apply the design process to generate creative solutions to complex problems optimizing the human experience within the interior environment. Apply theory, psychology, and methodology of color to designs of the interior environment.
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indoor air quality as required to enhance the health, safety, welfare, and performance of building occupants for overall sustainable development of the individuals.

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- **PSO2.** Demonstrate preparation for global design practice by incorporating cultural norms of user populations and applying that knowledge to design solutions that support globally diverse end users.
- **PSO3.** Demonstrate effective visual, verbal, and written communication.
- **PSO4.** Apply ethical and professional practices.
- **PSO5.** Demonstrate social responsibility by designing sustainable interior environments that support indoor environmental quality and improve the quality of life for occupants.
- **PSO6.** Engage in integrative professional design practice by contributing interior architecture and design expertise to collaborative design teams.

Assessment Plan:

Component of	Description	Code	Weightage
Evaluation			%
Continuous Internal	Mid Term	СТ	10%
Evaluation	Seminar/Quiz/ Assignment	S//Q/A	15%
Attendance	A minimum of 75% Attendance is required to be maintained by a studentto be qualified for taking up the End Semester examination. The allowance of 25% includes all types of leaves including medical leaves.	A	5%
End Semester	End Semester	VV	70%
Examination	Viva-Voce		
Total			100%

II. Syllabus

Module I: Understanding AUTOCAD - 3D

3 - Dimensional drawings, learning to place elements in 3-D views of a redesigned space, Creating of 2D.

Module II: 3D Surfaces and Solids

3-D surface and solids. Developments of surfaces and solids, Use of these in various designing activities.

Module III: Viewports and Views

Introduction to UCS viewports, 3-D views and 3-D orbit, Internet compatibility

Module IV: Using 3-D SOFTWARES

3-D and other related software for developing exterior and interior surfaces and spaces and creating, walkthroughs using camera, light and assigning materials

Examination Scheme:

Components	Attendance	Mid-Term	Assignment	VV
Weightage (%)	5	10	15	70

CT: Class Test, A: Assignment, S/VV/Q: Seminar/Viva/Quiz, EE: End Semester Examination; A: Attendance

JJ. Suggested Text/Reference Books:

- A Visual Dictionary of Architecture, Francis D.K. Ching
- Creative Interiors (Design of Enclosed Space), Shashi Jain
- Computers in Interior Design, A.K. Sinha References:
- Architecture and computer, Ram Malhotra
- CAD and Interiors, B.K. Jain

KK. Lecture Plan

Lecture	Topics	Mode	Correspon	Mode of
		of	ding CO	Assessing CO
		Delivery		
1	3 - Dimensional drawings,	Lecture	CO1	Mid Term-1, Quiz
	learning to place elements in 3-D			& End Sem Exam
	views of a redesigned			
	space, Creating of 2D.			
2	3 - Dimensional drawings,	Lecture	CO1	Mid Term-1, Quiz
	learning to place elements in 3-D			& End Sem Exam
	views of a redesigned			
	space, Creating of 2D.			
3	3 - Dimensional drawings,	Lecture	CO1	Mid Term-1, Quiz
	learning to place elements in 3-D			& End Sem Exam
	views of a redesigned			
	space, Creating of 2D.			
4	3 - Dimensional drawings,	Lecture	CO1	Mid Term-1, Quiz
	learning to place elements in 3-D			& End Sem Exam
	views of a redesigned			
	space, Creating of 2D.			

5	3 - Dimensional drawings,	Lecture	CO1	Mid Term-1, Quiz
	learning to place elements in 3-D	Lecture	COI	& End Sem Exam
	views of a redesigned			& Liiu Seiii Lxaiii
	space, Creating of 2D.			
6	3 - Dimensional drawings,	Lecture	CO1	Mid Term-1, Quiz
	learning to place elements in 3-D	Lectare	661	& End Sem Exam
	views of a redesigned			a Ena Sem Exam
	space, Creating of 2D.			
7	3 - Dimensional drawings,	Lecture	CO2	Mid Term-1, Quiz
-	learning to place elements in 3-D	100000		& End Sem Exam
	views of a redesigned			G End Sem Exam
	space, Creating of 2D.			
8	3 - Dimensional drawings,	Lecture	CO2	Mid Term-1, Quiz
	learning to place elements in 3-D			& End Sem Exam
	views of a redesigned			
	space, Creating of 2D.			
9	3 - Dimensional drawings,	Lecture	CO2	Mid Term-1, Quiz
	learning to place elements in 3-D			& End Sem Exam
	views of a redesigned			
	space, Creating of 2D.			
10	3 - Dimensional drawings,	Lecture	CO2	Mid Term-1, Quiz
	learning to place elements in 3-D			& End Sem Exam
	views of a redesigned			
	space, Creating of 2D.			
11	3-D surface and solids.	Lecture	CO2	Mid Term-1, Quiz
	Developments of surfaces and			& End Sem Exam
	solids, Use of these in various			
	designing activities.			
12	3-D surface and solids.	Lecture	CO2	Mid Term-1, Quiz
	Developments of surfaces and			& End Sem Exam
	solids, Use of these in various			
	designing activities.			
13	3-D surface and solids.	Lecture	CO2	Mid Term-1, Quiz
	Developments of surfaces and			& End Sem Exam
	solids, Use of these in various			
	designing activities.		000	, a. 1. 7
14	3-D surface and solids.	Lecture	CO2	Mid Term-1, Quiz
	Developments of surfaces and			& End Sem Exam
	solids, Use of these in various			
4.5	designing activities.	I n at	603	Mid Tarra 4 O '
15	3-D surface and solids.	Lecture	CO2	Mid Term-1, Quiz
	Developments of surfaces and			& End Sem Exam
	solids, Use of these in various designing activities.			
16	3-D surface and solids.	Locture	CO3	Mid Torm 1 Ouiz
10	Developments of surfaces and	Lecture	CO3	Mid Term-1, Quiz & End Sem Exam
	solids, Use of these in various			a cha sem exam
	designing activities.			
17	Introduction to UCS	Lecture	CO3	Mid Torm_1 Ouiz
1/	viewports, 3-D views and 3-	Lecture	603	Mid Term-1, Quiz & End Sem Exam
	D orbit, Internet			a chu seni exam
	compatibility			
	Compatibility			

10	Lating directions to LICC	Lastina	602	Mid Tarra 1 Orda
18	Introduction to UCS	Lecture	CO3	Mid Term-1, Quiz
	viewports, 3-D views and 3-			& End Sem Exam
	D orbit, Internet			
40	compatibility			
19	Introduction to UCS	Lecture	CO3	Mid Term-1, Quiz
	viewports, 3-D views and 3-			& End Sem Exam
	D orbit, Internet			
	compatibility			
20	Introduction to UCS	Lecture	CO3	Mid Term-1, Quiz
	viewports, 3-D views and 3-			& End Sem Exam
	D orbit, Internet			
_	compatibility			
21	Introduction to UCS	Lecture	CO3	Mid Term-2, Quiz
	viewports, 3-D views and 3-			& End Sem Exam
	D orbit, Internet			
	compatibility	1.		
22	Introduction to UCS	Lecture	CO3	Mid Term-2, Quiz
	viewports, 3-D views and 3-			& End Sem Exam
	D orbit, Internet			
	compatibility			
23	Introduction to UCS	Lecture	CO3	Mid Term-2, Quiz
	viewports, 3-D views and 3-			& End Sem Exam
	D orbit, Internet			
	compatibility			
24	3-D and other related software	Lecture	CO3	Mid Term-2, Quiz
	for developing exterior and			& End Sem Exam
	interior surfaces and			
	spaces and			
	creating, walkthroughs using			
	camera, light and assigning			
_	materials			
25	3-D and other related software	Lecture	CO3	Mid Term-2, Quiz
	for developing exterior and			& End Sem Exam
	interior surfaces and			
	spaces and			
	creating,walkthroughs using			
	camera, light and assigning			
26	materials	1	602	14:17 2.0:
26	3-D and other related software	Lecture	CO3	Mid Term-2, Quiz
	for developing exterior and			& End Sem Exam
	interior surfaces and			
	spaces and creating,			
	walkthroughs using camera,			
27	light and assigning materials	l a ct	603	Mid Tama 2 O :
27	3-D and other related software	Lecture	CO3	Mid Term-2, Quiz
	for developing exterior and			& End Sem Exam
	interior surfaces and			
	spaces and creating,			
	walkthroughs using camera,			
	light and assigning materials			

28	3-D and other related software for developing exterior and interior surfaces and spaces and creating, walkthroughs using camera, light and assigning materials	Lecture	CO3	Mid Term-2, Quiz & End Sem Exam
29	3-D and other related software for developing exterior and interior surfaces and spaces and creating, walkthroughs using camera, light and assigning materials	Lecture	CO3	Mid Term-2, Quiz & End Sem Exam
30	3-D and other related software for developing exterior and interior surfaces and spaces and creating, walkthroughs using camera, light and assigning materials	Lecture	CO3	Mid Term-2, Quiz & End Sem Exam

LL. Course Articulation Matrix (Mapping of COs with POs)

СО	STATEMENT	CORRELATION WITH PROGRAMME OUTCOMES P										PROG SPEC	GRAM	ME OUTCO PS O3		PS 05		
											0	1	2					
	To develop an understanding of software assisting in 3-Dimensional design.	-	1	3	3	1	2	-	-	1	-	-	-	-	-	1	-	-
CO 02	Introduction to the use and application of Internet.																	
CO 03	Learning software i.e., Auto Cad, Coral Draw and Adobe and Photoshop.																	

Sample Question Paper

Amity School of Architecture & Planning I MID-SEMESTER (SEM –III) 2019-2020

Class: B.Tech.(CSE) III Semester

Subject Name: BID 305 Time: 2 Hrs Max. Marks: 10

Computer Applications – II

Levels of the questions as per Blooms Taxonomy	Remembering	Understanding	Applying	Analyzi	ing	Evaluating	Creating	
Question Mapping	Q.1,4	Q.2,3	Q.4	Q.2,5,6	5			

Student will be able to

CO1: List the broad perceptive of cloud architecture and model.

CO2: Apply different cloud programming models as per need.

CO Map	Question No.	Question	Marks
CO1	Q.1	Explain in brief the cloud computing concept.	3
CO1	Q.2a	What are the essential characteristics of cloud computing?	3
	Q.2b	How is cloud computing requirements and cloud servicerequirement services related to each other?	3
CO2	Q.3	Sketch NIST Cloud Computing Reference Architecture and depictits elements	6
CO2	Q.4	Explain the significance of Cloud Reference Model	3
CO2	Q.5a	Elaborate different cloud types with example.	3
CO3	Q.5b	Write characteristics of private cloud.	3
CO3	Q 6	How virtualization is applied in cloud computing scenario?	6

Attainments	;	Rubric							
Level	1	IF 60% of students secure more than 60% marks then level 1							
Level	2	IF 70% of students secure more than 60% marks then level 2							
Level	3	IF 80% of students secure more than 60% marks then level 3							

Course outcome: Based on internal and external assessment the level of Course outcome attainment of the course BID/Course code BID 305 is level 2 for the academic year 2019-2020.



AMITY UNIVERSITY MADHYA PRADESH, GWALIOR AMITY SCHOOL OF ARCHITECTURE AND PLANNING DEPARTMENT OF ARCHITECTURE AND PLANNING

PROGRAMME OUTCOMES AND PROGRAMME SPECIFIC OUTCOMES Bachelor of Interior Design (BID), Academic Year – 2019-2020

Program Outcomes:

- **PO1. Design Knowledge:** Incorporate a global perspective when making design decisions, based on sustainable, socio-economic, and cultural contexts.
- PO2. Problem Analysis: Apply theories of human behaviour to human-centered design solutions.
- **PO3.** Design/Development of Solutions: Apply the design process to generate creative solutions to complex problems optimizing the human experience within the interior environment. Apply theory, psychology, and methodology of color to designs of the interior environment.
- **PO4. Individual and Team Work:** Collaborate in multi-disciplinary teams respecting a variety of points of view and perspectives that enrich the process and product of the team.
- **PO5. Communication:** Communicate complex ideas clearly to specialists and non-specialists through appropriate oral, written, and representational media.
- **PO6. Life Long Learning:** Exemplify accepted standards of professionalism and business practice including a commitment to engage in lifelong learning.
- **PO7. Context and Society:** Analyze interiors, architecture, the decorative arts, and art within a historical and cultural context to inform contemporary design solutions that relate with the society for whom the design solution is to be provided.
- **PO8. Synthesis of Concepts:** Synthesize theories and concepts of spatial definition and organization into multi-dimensional design solutions.
- **PO9. Modern Technique usage:** Specify furniture, fixtures, and equipment's of finish materials to meet the design criteria for a variety of interior spaces.
- **PO10.** Environment and Sustainability: Apply principles of lighting, acoustics, thermal comfort, and indoor air quality as required to enhance the health, safety, welfare, and performance of building occupants for overall sustainable development of the individuals.
- PO11. Ethics: Comply with laws, codes, and standards that impact fire safety and life safety.

PO12. Project/Construction Management: Produce construction drawings and documents using industry standards for a variety of interior spaces. Employ environment-behaviour research methodologies to address open-ended problems in interior design.

Program Specific Outcome:

As part of the school's charter and mission, Amity School of Architecture and Planning is providing a vibrant planning environment, ensuring its under-graduates are not only valued by the planning practice, but are also able to:

PSO1. Demonstrate critical thinking as they identify, analyze, and solve interior architecture and design problems through completion of interior design studio projects. Apply creative and critical thinking to solve interior environment problems from a human-cantered approach and apply this knowledge to design solutions.

PSO2. Demonstrate preparation for global design practice by incorporating cultural norms of user populations and applying that knowledge to design solutions that support globally diverse end users.

PSO3. Demonstrate effective visual, verbal, and written communication.

PSO4. Apply ethical and professional practices.

PSO5. Demonstrate social responsibility by designing sustainable interior environments that support indoor environmental quality and improve the quality of life for occupants.

PSO6. Engage in integrative professional design practice by contributing interior architecture and design expertise to collaborative design teams.

Note: - Correlation levels 1, 2 and 3 as defined below:

1: Slight (Low), 2: Moderate (Medium) and 3: Substantial (High)

If there is no correlation, put "-"

PROGRAMME ARTICULATION MATRIX																					
SEM	SUBJECT CODE	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12	PO 13	PO 14	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5	PSO 6
	BID101	3	3	3	3	2	1	2	3	3	1	1	3	3	1	3	3	-	-	2	-
	BID102	2	2	3	2	2	1	-		1	2	2	2	-	1	1	3	-	-	-	-
	BID103	2	2	1	-	3	1	2	3	3	2	1	1	2	2	3	3	1	-	-	-
- 1	BID104	1	1	1	2	-	-	-	2	-	-	-	2	-	-	1	1	-	-	-	-
	BID105	3	2	3	2	1	1	2	3	1	2	-	3	-	1	3	3	-	-	2	-
	BID106	-	1	-	-	-	-	3	2	-	-	-	-	-	1	1	1	-	-	-	-
	BID107	3	2	3	3	1	1	3	-	3	3	-	3	2	3	3	3	3	-	-	-
	BID201	3	2	3	3	2	2	2	3	3	1	1	3	3	1	3	3	-	-	2	-
	BID202	3	-	3	2	2	2	-	1	1	1	3	3	2	1	1	2	-	-	-	-
	BID203	2	2	1	1	3	2	2	3	3	2	1	2	2	1	3	3	1	-	2	-
П	BID204	1	3	1	-	-	-	-	1	1	-	-	2	-	1	1	1	-	-	-	-
	BID205	1	-	3	3	1	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-
	BID206	1	1	-	-	-	-	3	3	3	-	-	-	-	-	1	3	-	-	-	-
	BID207	3	-	1	3	1	1	-	1	3	3	3	3	3	3	3	3	3	-	-	-
	BID301	3	3	3	3	2	2	2	3	3	1	1	2	3	1	3	3	-	-	2	-
	BID302	2	-	3	2	2	2	-	1	1	1	2	2	2	1	1	1	-	-	-	-
	BID303	2	2	2	2	-	3	2	-	1	-	-	-	2	-	1	1	-	-	-	-
Ш	BID304	3	3	-	-	3	-	-	3	3	-	-	-	-	-	1	1	-	-	-	-
	BID305	1	-	3	3	1	2	-	-	-	-	-	-	-	-	1	-	-	-	-	-
	BID306	1	1	-	-	2	-	3	3	3	-	-	-	-	-	-	-	-	-	-	-
	BID307	1	3	1	-	3	-	-	3	3	-	-	-	-	3	-	-	-	-	2	-
	BID401	3	3	3	3	2	2	2	3	3	2	1	2	3	1	3	3	-	-	2	-
	BID402	2	1	3	2	2	2	-	1	-	2	1	2	3	1	1	1	-	-	2	-
	BID403	2	2	2	3	1	2	1	1	-	-	-	-	2	-	3	1	-	-	2	-
IV	BID404	3	-	2	3	1	2	1	1	-	1	2	2	2	-	1	1	-	-	2	-
	BID405	3	1	1	1	1	1	-	3	3	3	2	2	1	1	3	3	-	-	-	-
	BID406	3	3	3	3	3	2	3	2	3	3	2	3	-	-	1	3	-	-	2	-
	BID407	3	2	3	3	2	2	2	2	3	3	-	-	-	1	1	3	-	-	-	-
	BID501	3	3	3	3	2	2	2	3	3	3	1	2	3	1	3	1	-	-	2	-
	BID502	2	1	3	2	2	2	1	1	-	1	1	2	3	1	1	1	-	-	-	-
V	BID503	2	1	2	3	-	3	1	1	-	-	3	-	2	3	3	1	-	-	2	-
V	BID504	2	1	1	3	-	3	-	-	-	-	3	-	2	3	3	1	-	-	2	-
	BID505	1	1	-	-	1	-	3	3	3	-	-	1	-	3	1	1	3	-	-	-
	BID506	3	3	3	3	2	2	3	3	2	3	3	3	3	1	3	3	-	-	2	-
	BID601	3	3	3	3	2	2	2	3	3	3	3	1	3	1	3	3	-	-	2	-
	BID602	1	-	3	3	2	2	2	3	3	-	2	1	-	-	3	3	3	-	-	-
	BID603	3	3	2	2	1	1	1	3	3	1	2	2	2	3	3	3	-	-	-	-
VI	BID604	3	2	3	3	2	2	2	3	3	3	2	3	3	-	3	3	-	-	2	-
	BID605	2	-	1	3	-	-	-	-	-	-	-	-	-	3	3	-	-	-	-	-
	BID606	3	2	3	3	1	2	2	3	3	-	3	-	-	-	3	2	-	-	-	-
	BID607	2	3	3	3	1	2	2	3	3	1	-	-	-	3	3	2	-	-	-	-
VII	BID701	3	3	3	3	2	3	ı	3	2	1	-	3	3	3	3	ı	-	-	2	-
VIII	BID 801	3	3	3	3	2	2	2	3	3	1	3	2	3	3	3	3	-	-	2	-

			i						i											
BID 802	-	-	-	-	1	1	-	1	-	-	-	-	3	3	2	3	3	3	-	3
BID 803	1	-	2	1	1	2	-	2	1	-	1	-	2	3	2	1	2	-	-	-
BID 804	3	1	2	2	2	1	-	2	2	1	-	2	-	-	-	1	-	-	-	-
BID 805	1	3	1	1	2	1	2	1	2	1	1	-	2	1	2	-	-	-	-	-

DEPARTMENT OF ARCHITECTURE & PLANNING

Course Handout

Course: History of Interior Design – III

Course Code: BID 306, Crédits: 03, Session: 2019-2020 (Odd Sem.), Class: BID 2nd Year

Faculty Name: Ar. Manish Kumar Chitranshi

MM. Introduction: The past trends of interior design development over the periods. Learn the development methods and forces to get a clear view of changing design and ideas.

NN. Course Outcomes: At the end of the course, students will be able to:

CO1: The past trends of interior design development over the periods

CO2: Learn the development methods and forces to get a clear view of changing design and ideas.

CO3: The past trends of interior design development over the periods Learn the development methods and forces to get a clear view of changing design and ideas.

OO. Programme Outcomes:

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- **PSO3.** Demonstrate effective visual, verbal, and written communication.
- **PSO4.** Apply ethical and professional practices.
- **PSO5.** Demonstrate social responsibility by designing sustainable interior environments that support indoor environmental quality and improve the quality of life for occupants.
- **PSO6.** Engage in integrative professional design practice by contributing interior architecture and design expertise to collaborative design teams.

Assessment Plan:

Component of	Description	Code	Weightage
Evaluation			%
Continuous Internal	Mid Term	СТ	10%
Evaluation	Seminar/Quiz/ Viva- Voce/Assignment	S/VV/Q/A	15%
Attendance	A minimum of 75% Attendance is required to be maintained by a studentto be qualified for taking up the End Semester examination. The allowance of 25% includes all types of leaves including medical leaves.	A	5%
End Semester Examination	End Semester Examination	EE	70%
Total			100%

QQ. Syllabus

Module I: INDUSTRIAL REVOLUTION

The impact of industrial revolution, Regency, Revival, Federal style, Colonial style

Module II: THE VICTORIAN ERA

Mansions, middle class houses, Aesthetic movements, Art and craft movements, Eclecticism

Module III: EMERGENCE OF MODERNISM

Art nouveau, Art deco De stijl, Impressionism, Expressionisms, various other ism

Module IV: THE INTERNATIONAL STYLE AND POST MODERNISM

Works of Fl wright, Le Corbusier, Alvar Alto, Antonio Gaudi ,Meis Vander Rhoe and post modern interior designs

Module IV: CONTEMPRORY DESIGN ON A NEW PLAYFEILD

Bio morphism ,High tech ,Functional deconstructivism ,Color craftmanship

Examination Scheme:

Components	Attendance	Mid-Term	Assignment	EE
Weightage (%)	5	10	15	70

CT: Class Test, A: Assignment, S/VV/Q: Seminar/Viva/Quiz, EE: End Semester Examination; A: Attendance

RR. Suggested Text/Reference Books:

- The History of Arch. in India, Chrictophes Tadgell
- Interior design & space planning, Dechiara Pabero Zelnik
- Interior design illustrated, Francis D.K. Ching

References:

- Islamic Architecture in Interior, Satish Grover
- The Best Interior India, Anuradha Mahindra
- Indian Interior, Angelika Taschen

SS. Lecture Plan

Lecture	Topics	Mode	Correspon	Mode of
		of	ding CO	Assessing CO
		Delivery		
1.	The impact of industrial	Lecture	CO1	Mid Term-1, Quiz
	revolution, Regency, Revival,			& End Sem Exam
	Federal style ,Colonial style			
2.	The impact of industrial	Lecture	CO1	Mid Term-1, Quiz
	revolution, Regency, Revival,			& End Sem Exam
	Federal style ,Colonial style			
3.	The impact of industrial	Lecture	CO1	Mid Term-1, Quiz
	revolution, Regency, Revival,			& End Sem Exam
	Federal style ,Colonial style			
4.	The impact of industrial	Lecture	CO1	Mid Term-1, Quiz
	revolution, Regency, Revival,			& End Sem Exam
	Federal style ,Colonial style			
5.	The impact of industrial	Lecture	CO1	Mid Term-1, Quiz
	revolution, Regency, Revival,			& End Sem Exam
	Federal style ,Colonial style			
6.	The impact of industrial	Lecture	CO1	Mid Term-1, Quiz
	revolution, Regency, Revival,			& End Sem Exam

	Federal style ,Colonial style			
7.	The impact of industrial	Lecture	CO1	Mid Term-1, Quiz
	revolution, Regency, Revival,			& End Sem Exam
	Federal style ,Colonial style			
8.	The impact of industrial	Lecture	CO1	Mid Term-1, Quiz
	revolution, Regency, Revival,			& End Sem Exam
	Federal style ,Colonial style			
9.	Mansions, middle class houses,	Lecture	CO1	Mid Term-1, Quiz
	Aesthetic movements ,Art and			& End Sem Exam
	craft movements,Eclecticism	. .	001	1417
10.	Mansions, middle class	Lecture	CO1	Mid Term-1, Quiz
	houses, Aesthetic			& End Sem Exam
	movements ,Art and craft			
11.	movements, Eclecticism Mansions, middle class	Lecture	CO1	Mid Term-1, Quiz
11.	houses, Aesthetic	Lecture	(01	& End Sem Exam
	movements ,Art and craft			& Ellu Selli Exalli
	movements, Eclecticism			
12.	Mansions, middle class	Lecture	CO1	Mid Term-1, Quiz
	houses, Aesthetic	20000.0		& End Sem Exam
	movements ,Art and craft			a End Sem Exam
	movements, Eclecticism			
13.	Mansions, middle class	Lecture	CO1	Mid Term-1, Quiz
	houses, Aesthetic			& End Sem Exam
	movements ,Art and craft			
	movements, Eclecticism			
14.	Mansions, middle class	Lecture	CO1	Mid Term-1, Quiz
	houses, Aesthetic			& End Sem Exam
	movements ,Art and craft			
	movements, Eclecticism			
15.	Art nouveau, Art deco De	Lecture	CO2	Mid Term-1, Quiz
	stijl, Impressionism,			& End Sem Exam
	Expressionisms, various			
	other ism			
16.	Art nouveau, Art deco De	Lecture	CO2	Mid Term-1, Quiz
-	, i			& End Sem Exam
	stijl, Impressionism,			
	Expressionisms, various			
	other ism			
17.	Art nouveau, Art deco De	Lecture	CO2	Mid Term-1, Quiz
	stijl, Impressionism,			& End Sem Exam
	Expressionisms, various			
	other ism			
18.	Art nouveau, Art deco De	Lecture	CO2	Mid Term-1, Quiz
				& End Sem Exam
	stijl, Impressionism,			
	Expressionisms, various			

	other ism			
19.	Art nouveau, Art deco De	Lecture	CO2	Mid Term-1, Quiz
	stijl, Impressionism,			& End Sem Exam
	Expressionisms, various			
	other ism			
20.	Art nouveau, Art deco De	Lecture	CO2	Mid Term-1, Quiz
	stijl, Impressionism,			& End Sem Exam
	Expressionisms, various			
	other ism			
21.	Works of Fl wright, Le Corbusier,	Lecture	CO2	Mid Term-2, Quiz
	Alvar Alto, Antonio Gaudi ,Meis			& End Sem Exam
	Vander Rhoe and			
	post modern interior designs			
22.	Works of Fl wright, Le Corbusier,	Lecture	CO2	Mid Term-2, Quiz
	Alvar Alto, Antonio Gaudi ,Meis			& End Sem Exam
	Vander Rhoe and			
	post modern interior designs			
23.	Works of Fl wright, Le Corbusier,	Lecture	CO2	Mid Term-2, Quiz
	Alvar Alto, Antonio Gaudi ,Meis			& End Sem Exam
	Vander Rhoe and			
	post modern interior designs			
24.	Works of Fl wright, Le Corbusier,	Lecture	CO2	Mid Term-2, Quiz
	Alvar Alto, Antonio Gaudi ,Meis			& End Sem Exam
	Vander Rhoe and			
25	post modern interior designs	Locking	602	Mid Town 2 Ovic
25.	Works of Fl wright, Le Corbusier,	Lecture	CO2	Mid Term-2, Quiz
	Alvar Alto, Antonio Gaudi ,Meis Vander Rhoe and			& End Sem Exam
	post modern interior designs			
26.	Bio morphism ,High tech	Lecture	CO2	Mid Term-2, Quiz
20.	Functional deconstructivism	Lecture	COZ	& End Sem Exam
	,Color craftmanship			& Liiu Seili Laaili
27.	Bio morphism ,High tech	Lecture	CO2	Mid Term-2, Quiz
	,Functional deconstructivism			& End Sem Exam
	,Color craftmanship			G. 2.1.6. 5 5.1.1 2.1.6.1.1
28.	Bio morphism ,High tech	Lecture	CO2	Mid Term-2, Quiz
	,Functional deconstructivism			& End Sem Exam
	,Color craftmanship			
29.	Bio morphism ,High tech	Lecture	CO2	Mid Term-2, Quiz
	,Functional deconstructivism			& End Sem Exam
	,Color craftmanship			
30.	Bio morphism ,High tech	Lecture	CO2	Mid Term-2, Quiz
	,Functional deconstructivism			& End Sem Exam
	,Color craftmanship			
31.	Bio morphism ,High tech	Lecture	CO2	Mid Term-2, Quiz
	,Functional deconstructivism			& End Sem Exam
	,Color craftmanship			
32.	Bio morphism ,High tech	Lecture	CO3	Mid Term-2, Quiz

	,Functional deconstructivism			& End Sem Exam
	,Color craftmanship			& Elia Scili Elaili
33.	Bio morphism ,High tech	Lecture	CO3	Mid Term-2, Quiz
	,Functional deconstructivism			& End Sem Exam
	,Color craftmanship			a zna sem zxam
34.	Bio morphism ,High tech	Lecture	CO3	Mid Term-2, Quiz
	,Functional deconstructivism			& End Sem Exam
	,Color craftmanship			
35.	Bio morphism ,High tech	Lecture	CO3	Mid Term-2, Quiz
	,Functional deconstructivism			& End Sem Exam
	,Color craftmanship			
36.	Bio morphism ,High tech	Lecture	CO3	Mid Term-2, Quiz
	,Functional deconstructivism			& End Sem Exam
	,Color craftmanship			
37.	Bio morphism ,High tech	Lecture	CO3	Mid Term-2, Quiz
	,Functional deconstructivism			& End Sem Exam
	,Color craftmanship			
38.	Bio morphism ,High tech	Lecture	CO3	Mid Term-2, Quiz
	,Functional deconstructivism			& End Sem Exam
	,Color craftmanship			
39.	Bio morphism ,High tech	Lecture	CO3	Mid Term-2, Quiz
	,Functional deconstructivism			& End Sem Exam
	,Color craftmanship			
40.	Bio morphism ,High tech	Lecture	CO3	Mid Term-2, Quiz
	,Functional deconstructivism			& End Sem Exam
	,Color craftmanship			
41.	Bio morphism ,High tech	Lecture	CO3	Mid Term-2, Quiz
	,Functional deconstructivism			& End Sem Exam
	,Color craftmanship			
42.	Bio morphism ,High tech	Lecture	CO3	Mid Term-2, Quiz
	,Functional deconstructivism			& End Sem Exam
	,Color craftmanship			
43.	Bio morphism ,High tech	Lecture	CO3	Mid Term-2, Quiz
	,Functional deconstructivism			& End Sem Exam
	,Color craftmanship	<u>.</u>	000	
44.	Bio morphism ,High tech	Lecture	CO3	Mid Term-2, Quiz
	,Functional deconstructivism			& End Sem Exam
	,Color craftmanship	<u>.</u>	200	
45.	Bio morphism ,High tech	Lecture	CO3	Mid Term-2, Quiz
	,Functional deconstructivism			& End Sem Exam
	,Color craftmanship			

TT. Course Articulation Matrix (Mapping of COs with POs)

CO	STATEMENT		CORRELATION WITH PROGRAMME											RAMME CORRELATION WITH							
		OUTCOMES									PROGRAMME SPECIFIC OUTCOMES										
		Р	P										Р	PS	PS	PS	PS	PS			
		0	0 0 0 0 0 0 0 0 0 0 0 0 0									0	01	02	О3	04	05				

		1	2	3	4	5	6	7	8	9	1	1	1					
		Т .		3	4	٥	O	'	0	9								
											0	1	2					
CO 01	The past trends of interior design development over the periods	-	1	-	-	2	-	3	3	3	-	-	-	-	-	-	_	-
CO 02	Learn the development methods and forces to get a clear view of changing design and ideas.																	
CO 03	The past trends of interior design development over the periods Learn the development methods and forces to get a clear view of changing design and ideas.	-	1	-	-	2	-	3	3	3	-	-	-	-	-	-	-	-

Sample Question Paper

	Amity School of Architecture & Planning I MID-SEMESTER (SEM –III) 2019-2020												
	Class: BID III Semester												
Subject Name: BID History of Interio		Time: 2 Hrs			Max. Marks: 10								
Levels of the questions as per Blooms Taxonomy	Remembering	Understanding	Applying	Analyz	zing	Evaluating	Creating						
Question Mapping	Question Q.1,4 Q.2,3 Q.4 Q.2,5,6												

Student will be able to

CO1: List the broad perceptive of cloud architecture and model.

CO2: Apply different cloud programming models as per need.

CO Map	Question No.	Question	Marks
CO1	Q.1	Explain in brief the cloud computing concept.	3
CO1	Q.2a	What are the essential characteristics of cloud computing?	3

	Q.2b	How is cloud computing requirements and cloud servicerequirement services related to each other?	3
CO2	Q.3	Sketch NIST Cloud Computing Reference Architecture and depictits elements	6
CO2	Q.4	Explain the significance of Cloud Reference Model	3
CO2	Q.5a	Elaborate different cloud types with example.	3
CO3	Q.5b	Write characteristics of private cloud.	3
CO3	Q 6	How virtualization is applied in cloud computing scenario?	6

Attainments		Rubric
Level	1	IF 60% of students secure more than 60% marks then level 1
Level	2	IF 70% of students secure more than 60% marks then level 2
Level	3	IF 80% of students secure more than 60% marks then level 3

Course outcome: Based on internal and external assessment the level of Course outcome attainment of the course BID/Course code BID 306 is level 2 for the academic year 2019-2020.



AMITY UNIVERSITY MADHYA PRADESH, GWALIOR AMITY SCHOOL OF ARCHITECTURE AND PLANNING DEPARTMENT OF ARCHITECTURE AND PLANNING

PROGRAMME OUTCOMES AND PROGRAMME SPECIFIC OUTCOMES Bachelor of Interior Design (BID), Academic Year – 2019-2020

Program Outcomes:

- **PO1. Design Knowledge:** Incorporate a global perspective when making design decisions, based on sustainable, socio-economic, and cultural contexts.
- PO2. Problem Analysis: Apply theories of human behaviour to human-centered design solutions.
- **PO3.** Design/Development of Solutions: Apply the design process to generate creative solutions to complex problems optimizing the human experience within the interior environment. Apply theory, psychology, and methodology of color to designs of the interior environment.
- **PO4. Individual and Team Work:** Collaborate in multi-disciplinary teams respecting a variety of points of view and perspectives that enrich the process and product of the team.
- **PO5. Communication:** Communicate complex ideas clearly to specialists and non-specialists through appropriate oral, written, and representational media.
- **PO6. Life Long Learning:** Exemplify accepted standards of professionalism and business practice including a commitment to engage in lifelong learning.
- **PO7. Context and Society:** Analyze interiors, architecture, the decorative arts, and art within a historical and cultural context to inform contemporary design solutions that relate with the society for whom the design solution is to be provided.
- **PO8. Synthesis of Concepts:** Synthesize theories and concepts of spatial definition and organization into multi-dimensional design solutions.
- **PO9. Modern Technique usage:** Specify furniture, fixtures, and equipment's of finish materials to meet the design criteria for a variety of interior spaces.
- **PO10. Environment and Sustainability:** Apply principles of lighting, acoustics, thermal comfort, and indoor air quality as required to enhance the health, safety, welfare, and performance of building occupants for overall sustainable development of the individuals.
- PO11. Ethics: Comply with laws, codes, and standards that impact fire safety and life safety.

PO12. Project/Construction Management: Produce construction drawings and documents using industry standards for a variety of interior spaces. Employ environment-behaviour research methodologies to address open-ended problems in interior design.

Program Specific Outcome:

As part of the school's charter and mission, Amity School of Architecture and Planning is providing a vibrant planning environment, ensuring its under-graduates are not only valued by the planning practice, but are also able to:

PSO1. Demonstrate critical thinking as they identify, analyze, and solve interior architecture and design problems through completion of interior design studio projects. Apply creative and critical thinking to solve interior environment problems from a human-cantered approach and apply this knowledge to design solutions.

PSO2. Demonstrate preparation for global design practice by incorporating cultural norms of user populations and applying that knowledge to design solutions that support globally diverse end users.

PSO3. Demonstrate effective visual, verbal, and written communication.

PSO4. Apply ethical and professional practices.

PSO5. Demonstrate social responsibility by designing sustainable interior environments that support indoor environmental quality and improve the quality of life for occupants.

PSO6. Engage in integrative professional design practice by contributing interior architecture and design expertise to collaborative design teams.

Note: - Correlation levels 1, 2 and 3 as defined below:

1: Slight (Low), 2: Moderate (Medium) and 3: Substantial (High)

If there is no correlation, put "-"

PROGRAMME ARTICULATION MATRIX																					
SEM	SUBJECT CODE	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12	PO 13	PO 14	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5	PSO 6
	BID101	3	3	3	3	2	1	2	3	3	1	1	3	3	1	3	3	-	-	2	-
	BID102	2	2	3	2	2	1	-		1	2	2	2	-	1	1	3	-	-	-	-
	BID103	2	2	1	-	3	1	2	3	3	2	1	1	2	2	3	3	1	-	-	-
- 1	BID104	1	1	1	2	-	-	-	2	-	-	-	2	-	-	1	1	-	-	-	-
	BID105	3	2	3	2	1	1	2	3	1	2	-	3	-	1	3	3	-	-	2	-
	BID106	-	1	-	-	-	-	3	2	-	-	-	-	-	1	1	1	-	-	-	-
	BID107	3	2	3	3	1	1	3	-	3	3	-	3	2	3	3	3	3	-	-	-
	BID201	3	2	3	3	2	2	2	3	3	1	1	3	3	1	3	3	-	-	2	-
	BID202	3	-	3	2	2	2	-	1	1	1	3	3	2	1	1	2	-	-	-	-
	BID203	2	2	1	1	3	2	2	3	3	2	1	2	2	1	3	3	1	-	2	-
П	BID204	1	3	1	-	-	-	-	1	1	-	-	2	-	1	1	1	-	-	-	-
	BID205	1	-	3	3	1	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-
	BID206	1	1	-	-	-	-	3	3	3	-	-	-	-	-	1	3	-	-	-	-
	BID207	3	-	1	3	1	1	-	1	3	3	3	3	3	3	3	3	3	-	-	-
	BID301	3	3	3	3	2	2	2	3	3	1	1	2	3	1	3	3	-	-	2	-
	BID302	2	-	3	2	2	2	-	1	1	1	2	2	2	1	1	1	-	-	-	-
	BID303	2	2	2	2	-	3	2	-	1	-	-	-	2	-	1	1	-	-	-	-
Ш	BID304	3	3	-	-	3	-	-	3	3	-	-	-	-	-	1	1	-	-	-	-
	BID305	1	-	3	3	1	2	-	-	-	-	-	-	-	-	1	-	-	-	-	-
	BID306	1	1	-	-	2	-	3	3	3	-	-	-	-	-	-	-	-	-	-	-
	BID307	1	3	1	-	3	-	-	3	3	-	-	-	-	3	-	-	-	-	2	-
	BID401	3	3	3	3	2	2	2	3	3	2	1	2	3	1	3	3	-	-	2	-
	BID402	2	1	3	2	2	2	-	1	-	2	1	2	3	1	1	1	-	-	2	-
	BID403	2	2	2	3	1	2	1	1	-	-	-	-	2	-	3	1	-	-	2	-
IV	BID404	3	-	2	3	1	2	1	1	-	1	2	2	2	-	1	1	-	-	2	-
	BID405	3	1	1	1	1	1	-	3	3	3	2	2	1	1	3	3	-	-	-	-
	BID406	3	3	3	3	3	2	3	2	3	3	2	3	-	-	1	3	-	-	2	-
	BID407	3	2	3	3	2	2	2	2	3	3	-	-	-	1	1	3	-	-	-	-
	BID501	3	3	3	3	2	2	2	3	3	3	1	2	3	1	3	1	-	-	2	-
	BID502	2	1	3	2	2	2	1	1	-	1	1	2	3	1	1	1	-	-	-	-
V	BID503	2	1	2	3	-	3	1	1	-	-	3	-	2	3	3	1	-	-	2	-
V	BID504	2	1	1	3	-	3	-	-	-	-	3	-	2	3	3	1	-	-	2	-
	BID505	1	1	-	-	1	-	3	3	3	-	-	1	-	3	1	1	3	-	-	-
	BID506	3	3	3	3	2	2	3	3	2	3	3	3	3	1	3	3	-	-	2	-
	BID601	3	3	3	3	2	2	2	3	3	3	3	1	3	1	3	3	-	-	2	-
	BID602	1	-	3	3	2	2	2	3	3	-	2	1	-	-	3	3	3	-	-	-
	BID603	3	3	2	2	1	1	1	3	3	1	2	2	2	3	3	3	-	-	-	-
VI	BID604	3	2	3	3	2	2	2	3	3	3	2	3	3	-	3	3	-	-	2	-
	BID605	2	-	1	3	-	-	-	-	-	-	-	-	-	3	3	-	-	-	-	-
	BID606	3	2	3	3	1	2	2	3	3	-	3	-	-	-	3	2	-	-	-	-
	BID607	2	3	3	3	1	2	2	3	3	1	-	-	-	3	3	2	-	-	-	-
VII	BID701	3	3	3	3	2	3	ı	3	2	1	-	3	3	3	3	ı	-	-	2	-
VIII	BID 801	3	3	3	3	2	2	2	3	3	1	3	2	3	3	3	3	-	-	2	-

			i						i											
BID 802	-	-	-	-	1	1	-	1	-	-	-	-	3	3	2	3	3	3	-	3
BID 803	1	-	2	1	1	2	-	2	1	-	1	-	2	3	2	1	2	-	-	-
BID 804	3	1	2	2	2	1	-	2	2	1	-	2	-	-	-	1	-	-	-	-
BID 805	1	3	1	1	2	1	2	1	2	1	1	-	2	1	2	-	-	-	-	-

DEPARTMENT OF ARCHITECTURE & PLANNING

Course Handout

Course: PSYCOLOGY OF LIVING ENVIRONMENTS

Course Code: BID 307, Crédits: 03, Session: 2019-2020 (Odd Sem.), Class: BID 2nd Year

Faculty Name: Ar. Manish Kumar Chitranshi

UU. Introduction: The student will learn to interpret the link between architectural study and psychology. Human beings are in constant interaction with the environment .With the growth of civilization men are making more artificial environments and interior designer play a significant role in this process .

VV.Course Outcomes: At the end of the course, students will be able to:

CO1: Role of interior designer in the in the interaction of environment and psychology and acquaint the students with some fundamental aspects of environmental psychology in relation to interior designing.

CO2: The objective of this course is designed to accquint the students with some fundamental aspects of environmental psychology in relation to interior designing.

WW. Programme Outcomes:

- **PO1. Design Knowledge:** Incorporate a global perspective when making design decisions, based on sustainable, socio-economic, and cultural contexts.
- **PO2. Problem Analysis:** Apply theories of human behaviour to human-centered design solutions.
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XX. Programme Specific Outcomes:

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- **PSO1.** Demonstrate critical thinking as they identify, analyze, and solve interior architecture and design problems through completion of interior design studio projects. Apply creative and critical thinking to solve interior environment problems from a human-cantered approach and apply this knowledge to design solutions.
- **PSO2.** Demonstrate preparation for global design practice by incorporating cultural norms of user populations and applying that knowledge to design solutions that support globally diverse end users.
- **PSO3.** Demonstrate effective visual, verbal, and written communication.
- **PSO4.** Apply ethical and professional practices.

PSO5. Demonstrate social responsibility by designing sustainable interior environments that support indoor environmental quality and improve the quality of life for occupants.

PSO6. Engage in integrative professional design practice by contributing interior architecture and design expertise to collaborative design teams.

Assessment Plan:

Component	Description	Code	Weightage
of			%
Evaluation			70
Continuous	Mid Term	СТ	10%
Internal			
Evaluation	Seminar/Quiz/ Viva-	S/VV/Q/A	15%
	Voce/Assignment		
Attendance	A minimum of 75%	Α	5%
	Attendance is required to be		
	maintained by a studentto be		
	qualified for taking up the		
	End Semester examination.		
	The allowance of 25%		
	includes all types of leaves		
	including medical leaves.		
End	End Semester	EE	70%
Semester	Examination		
Examination			
Total			100%

YY. Syllabus

Module I: INTRODUCTION TO ENVIRONMENTAL PSYCOLOGY

Emergence as a discipline, importance in interior, basic principles of psychology, correspondence relevance in design of built environment.

Module II: ENVIRONMENT AND HUMAN RESPONSE

Behavioural response to built and unbuilt environment, Responses to environment, environmental perception, spatial cognition, comfort, anthropometrics.

Module III: APPLICATION IN DIFFERENT ENVIRONMENTS

Deign of spaces for occupants of various ages, gender, uses. (educational ,city spaces ,interiors, religious ,recreational etc)

Examination Scheme:

Components	Attendance	Mid-Term	Assignment	EE
Weightage (%)	5	10	15	70

CT: Class Test, A: Assignment, S/VV/Q: Seminar/Viva/Quiz, EE: End Semester Examination; A: Attendance

ZZ. Suggested Text/Reference Books:

Kopec D ENVIRONMENTAL PSYCOLOGY FOR DESIGN Amos Rapaport - the meaning of built environment

AAA. Lecture Plan

Lecture	Topics	Mode of Delivery	Correspon ding CO	Mode of Assessing CO
46.	Emergence as a discipline ,importance in interior , basic principles of psychology , correspondence relevance in design of built environment .	Lecture	CO1	Mid Term-1, Quiz & End Sem Exam
47.	Emergence as a discipline ,importance in interior , basic principles of psychology , correspondence relevance in design of built environment .	Lecture	CO1	Mid Term-1, Quiz & End Sem Exam
48.	Emergence as a discipline ,importance in interior , basic principles of psychology , correspondence relevance in design of built environment .	Lecture	CO1	Mid Term-1, Quiz & End Sem Exam
49.	Emergence as a discipline ,importance in interior , basic principles of psychology , correspondence relevance in design of built environment .	Lecture	CO1	Mid Term-1, Quiz & End Sem Exam
50.	Emergence as a discipline ,importance in interior , basic principles of psychology , correspondence relevance in design of built environment .	Lecture	CO1	Mid Term-1, Quiz & End Sem Exam
51.	Emergence as a discipline ,importance in interior , basic principles of psychology	Lecture	CO1	Mid Term-1, Quiz & End Sem Exam
52.	, correspondence relevance in design of built environment .	Lecture	CO1	Mid Term-1, Quiz & End Sem Exam
53.	Emergence as a discipline ,importance in interior , basic principles of psychology	Lecture	CO1	Mid Term-1, Quiz & End Sem Exam
54.	, correspondence relevance in design of built environment .	Lecture	CO1	Mid Term-1, Quiz & End Sem Exam
55.	Emergence as a discipline ,importance in interior , basic principles of psychology	Lecture	CO1	Mid Term-1, Quiz & End Sem Exam
56.	, correspondence relevance in design of built environment .	Lecture	CO1	Mid Term-1, Quiz & End Sem Exam
57.	Emergence as a discipline	Lecture	CO1	Mid Term-1, Quiz

	,importance in interior , basic principles of psychology			& End Sem Exam
58.	Emergence as a discipline	Lecture	CO1	Mid Term-1, Quiz
50.	,importance in interior , basic	Lecture	601	& End Sem Exam
	principles of psychology			& Liid Seili Laaiii
59.	, correspondence relevance in	Lecture	CO1	Mid Term-1, Quiz
JJ.	design of built environment .	Lecture	601	& End Sem Exam
		11	602	
60.	Emergence as a discipline	Lecture	CO2	Mid Term-1, Quiz
	,importance in interior , basic			& End Sem Exam
C4	principles of psychology		602	N4:17 4 0 :
61.	Behavioural response to built	Lecture	CO2	Mid Term-1, Quiz
	and unbuilt environment			& End Sem Exam
	,Responses to			
	environment , environmental			
	perception ,spatial cognition			
63	,comfort ,anthropometrics .	l a al ·	603	Maid Tourish Co. 1
62.	Behavioural response to built	Lecture	CO2	Mid Term-1, Quiz
	and unbuilt environment			& End Sem Exam
60	,Responses to		602	N4:1-
63.	environment , environmental	Lecture	CO2	Mid Term-1, Quiz
	perception ,spatial cognition			& End Sem Exam
	,comfort ,anthropometrics .			
64.	Behavioural response to built	Lecture	CO2	Mid Term-1, Quiz
	and unbuilt environment			& End Sem Exam
	,Responses to			
65.	environment , environmental	Lecture	CO2	Mid Term-1, Quiz
	perception ,spatial cognition			& End Sem Exam
	,comfort ,anthropometrics .			
66.	Behavioural response to built	Lecture	CO2	Mid Term-2, Quiz
	and unbuilt environment			& End Sem Exam
	,Responses to			
67.	environment , environmental	Lecture	CO2	Mid Term-2, Quiz
	perception ,spatial cognition			& End Sem Exam
	,comfort ,anthropometrics .			
68.	Behavioural response to built	Lecture	CO2	Mid Term-2, Quiz
	and unbuilt environment			& End Sem Exam
	,Responses to			
69.	environment , environmental	Lecture	CO2	Mid Term-2, Quiz
	perception ,spatial cognition			& End Sem Exam
	,comfort ,anthropometrics .			
70.	Behavioural response to built	Lecture	CO2	Mid Term-2, Quiz
	and unbuilt environment			& End Sem Exam
	,Responses to			
71.	environment , environmental	Lecture	CO2	Mid Term-2, Quiz
	perception ,spatial cognition			& End Sem Exam
	,comfort ,anthropometrics .	_		
72.	Behavioural response to built and	Lecture	CO2	Mid Term-2, Quiz
	unbuilt environment ,Responses to			& End Sem Exam
73.	environment , environmental	Lecture	CO2	Mid Term-2, Quiz
	perception ,spatial cognition			-

	,comfort ,anthropometrics .			& End Sem Exam
74.	Behavioural response to built and unbuilt environment ,Responses to	Lecture	CO2	Mid Term-2, Quiz & End Sem Exam
75.	environment, environmental perception, spatial cognition, comfort, anthropometrics.	Lecture	CO2	Mid Term-2, Quiz & End Sem Exam
76.	Deign of spaces for occupants of various ages ,gender,uses .(educational ,city spaces ,interiors ,religious , recreational etc)	Lecture	CO2	Mid Term-2, Quiz & End Sem Exam
77.	Deign of spaces for occupants of various ages ,gender,uses .(educational ,city spaces ,interiors ,religious , recreational etc)	Lecture	CO3	Mid Term-2, Quiz & End Sem Exam
78.	Deign of spaces for occupants of various ages ,gender,uses .(educational ,city spaces ,interiors ,religious , recreational etc)	Lecture	CO3	Mid Term-2, Quiz & End Sem Exam
79.	Deign of spaces for occupants of various ages ,gender,uses .(educational ,city spaces ,interiors ,religious , recreational etc)	Lecture	CO3	Mid Term-2, Quiz & End Sem Exam
80.	Deign of spaces for occupants of various ages ,gender,uses .(educational ,city spaces ,interiors ,religious , recreational etc)	Lecture	CO3	Mid Term-2, Quiz & End Sem Exam
81.	Deign of spaces for occupants of various ages ,gender,uses .(educational ,city spaces ,interiors ,religious , recreational etc)	Lecture	CO3	Mid Term-2, Quiz & End Sem Exam
82.	Deign of spaces for occupants of various ages ,gender,uses .(educational ,city spaces ,interiors ,religious , recreational etc)	Lecture	CO3	Mid Term-2, Quiz & End Sem Exam
83.	Deign of spaces for occupants of various ages ,gender,uses .(educational ,city spaces ,interiors ,religious , recreational etc)	Lecture	CO3	Mid Term-2, Quiz & End Sem Exam
84.	Deign of spaces for occupants of various ages ,gender,uses .(educational ,city spaces	Lecture	CO3	Mid Term-2, Quiz & End Sem Exam

	,interiors ,religious ,			
	recreational etc)			
85.	Deign of spaces for occupants of various ages ,gender,uses .(educational ,city spaces ,interiors ,religious , recreational etc)	Lecture	CO3	Mid Term-2, Quiz & End Sem Exam
86.	Deign of spaces for occupants of various ages ,gender,uses .(educational ,city spaces ,interiors ,religious , recreational etc)	Lecture	CO3	Mid Term-2, Quiz & End Sem Exam
87.	Deign of spaces for occupants of various ages ,gender,uses .(educational ,city spaces ,interiors ,religious , recreational etc)	Lecture	CO3	Mid Term-2, Quiz & End Sem Exam
88.	Deign of spaces for occupants of various ages ,gender,uses .(educational ,city spaces ,interiors ,religious , recreational etc)	Lecture	CO3	Mid Term-2, Quiz & End Sem Exam
89.	Deign of spaces for occupants of various ages ,gender,uses .(educational ,city spaces ,interiors ,religious , recreational etc)	Lecture	CO3	Mid Term-2, Quiz & End Sem Exam
90.	Deign of spaces for occupants of various ages ,gender,uses .(educational ,city spaces ,interiors ,religious , recreational etc)	Lecture	CO3	Mid Term-2, Quiz & End Sem Exam

BBB. Course Articulation Matrix (Mapping of COs with POs)

СО	STATEMENT		C	ORR	ELAT		WIT			RAMI	ME			PRO	GRAN	ION V IME OUTCC		
		P O 1													PS O2	PS O3	PS 04	PS 05
CO 01	Role of interior designer in the in the interaction of environment and psychology and	1	3	1	-	3	-	-	3	3	-	-	-	-	3	-	-	-

	acquaint the students with some fundamental aspects of environmental psychology in relation to interior designing.																	
CO 02	The objective of this course is designed to accquint the students with some fundamental aspects of environmental psychology in relation to interior designing.	1	3	1	-	3	-	-	3	3	-	-	-	-	3	-	-	-

Sample Question Paper

	•	School of Archited -SEMESTER (SEM		_			
Class: BID III Semester							
Subject Name: BID	307	Time: 2 Hrs			Max. Marks: 10		
Psycology Of Living Environments							
Levels of the questions as per Blooms Taxonomy	Remembering	Understanding	Applying	Analyz	zing	Evaluating	Creating
Question Mapping	Q.1,4	Q.2,3	Q.4	Q.2,5,6			
Student will be able to							

CO1: List the broad perceptive of cloud architecture and model. CO2: Apply different cloud programming models as per need.

CO Map	Question No.	Question	Marks
CO1	Q.1	Explain in brief the cloud computing concept.	3
CO1	Q.2a	What are the essential characteristics of cloud computing?	
	Q.2b	How is cloud computing requirements and cloud servicerequirement services related to	3

		each other?	
CO2	Q.3	Sketch NIST Cloud Computing Reference Architecture and depictits elements	6
CO2	Q.4	Explain the significance of Cloud Reference Model	3
603	Q.5a	Elaborate different cloud types with example.	
CO3	Q.5b	Write characteristics of private cloud.	3
CO3	Q6	How virtualization is applied in cloud computing scenario?	6

Attainments		Rubric			
Level	1	IF 60% of students secure more than 60% marks then level 1			
Level	2	IF 70% of students secure more than 60% marks then level 2			
Level	3	IF 80% of students secure more than 60% marks then level 3			

Course outcome: Based on internal and external assessment the level of Course outcome attainment of the course BID/Course code BID 307 is level 2 for the academic year 2019-2020.



AMITY UNIVERSITY MADHYA PRADESH, GWALIOR AMITY SCHOOL OF ARCHITECTURE AND PLANNING DEPARTMENT OF ARCHITECTURE AND PLANNING

PROGRAMME OUTCOMES AND PROGRAMME SPECIFIC OUTCOMES Bachelor of Interior Design (BID), Academic Year – 2020-2021

Program Outcomes:

- **PO1. Design Knowledge:** Incorporate a global perspective when making design decisions, based on sustainable, socio-economic, and cultural contexts.
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PSO1. Demonstrate critical thinking as they identify, analyze, and solve interior architecture and design problems through completion of interior design studio projects. Apply creative and critical thinking to solve interior environment problems from a human-cantered approach and apply this knowledge to design solutions.

PSO2. Demonstrate preparation for global design practice by incorporating cultural norms of user populations and applying that knowledge to design solutions that support globally diverse end users.

PSO3. Demonstrate effective visual, verbal, and written communication.

PSO4. Apply ethical and professional practices.

PSO5. Demonstrate social responsibility by designing sustainable interior environments that support indoor environmental quality and improve the quality of life for occupants.

PSO6. Engage in integrative professional design practice by contributing interior architecture and design expertise to collaborative design teams.

Note: - Correlation levels 1, 2 and 3 as defined below:

1: Slight (Low), 2: Moderate (Medium) and 3: Substantial (High)

If there is no correlation, put "-"

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SEM	SUBJECT CODE	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12	PO 13	PO 14	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5	PSO 6
	BID101	3	3	3	3	2	1	2	3	3	1	1	3	3	1	3	3	-	-	2	-
	BID102	2	2	3	2	2	1	-		1	2	2	2	-	1	1	3	-	-	-	-
	BID103	2	2	1	-	3	1	2	3	3	2	1	1	2	2	3	3	1	-	-	-
- 1	BID104	1	1	1	2	-	-	-	2	-	-	-	2	-	-	1	1	-	-	-	-
	BID105	3	2	3	2	1	1	2	3	1	2	-	3	-	1	3	3	-	-	2	-
	BID106	-	1	-	-	-	-	3	2	-	-	-	-	-	1	1	1	-	-	-	-
	BID107	3	2	3	3	1	1	3	-	3	3	-	3	2	3	3	3	3	-	-	-
	BID201	3	2	3	3	2	2	2	3	3	1	1	3	3	1	3	3	-	-	2	-
	BID202	3	-	3	2	2	2	-	1	1	1	3	3	2	1	1	2	-	-	-	-
	BID203	2	2	1	1	3	2	2	3	3	2	1	2	2	1	3	3	1	-	2	-
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	BID205	1	-	3	3	1	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-
	BID206	1	1	-	-	-	-	3	3	3	-	-	-	-	-	1	3	-	-	-	-
	BID207	3	-	1	3	1	1	-	1	3	3	3	3	3	3	3	3	3	-	-	-
	BID301	3	3	3	3	2	2	2	3	3	1	1	2	3	1	3	3	-	-	2	-
	BID302	2	-	3	2	2	2	-	1	1	1	2	2	2	1	1	1	-	-	-	-
	BID303	2	2	2	2	-	3	2	-	1	-	-	-	2	-	1	1	-	-	-	-
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	BID305	1	-	3	3	1	2	-	-	-	-	-	-	-	-	1	-	-	-	-	-
	BID306	1	1	-	-	2	-	3	3	3	-	-	-	-	-	-	-	-	-	-	-
	BID307	1	3	1	-	3	-	-	3	3	-	-	-	-	3	-	-	-	-	2	-
	BID401	3	3	3	3	2	2	2	3	3	2	1	2	3	1	3	3	-	-	2	-
	BID402	2	1	3	2	2	2	-	1	-	2	1	2	3	1	1	1	-	-	2	-
	BID403	2	2	2	3	1	2	1	1	-	-	-	-	2	-	3	1	-	-	2	-
IV	BID404	3	-	2	3	1	2	1	1	-	1	2	2	2	-	1	1	-	-	2	-
	BID405	3	1	1	1	1	1	-	3	3	3	2	2	1	1	3	3	-	-	-	-
	BID406	3	3	3	3	3	2	3	2	3	3	2	3	-	-	1	3	-	-	2	-
	BID407	3	2	3	3	2	2	2	2	3	3	-	-	-	1	1	3	-	-	-	-
	BID501	3	3	3	3	2	2	2	3	3	3	1	2	3	1	3	1	-	-	2	-
	BID502	2	1	3	2	2	2	1	1	-	1	1	2	3	1	1	1	-	-	-	-
V	BID503	2	1	2	3	-	3	1	1	-	-	3	-	2	3	3	1	-	-	2	-
V	BID504	2	1	1	3	-	3	-	-	-	-	3	-	2	3	3	1	-	-	2	-
	BID505	1	1	-	-	1	-	3	3	3	-	-	1	-	3	1	1	3	-	-	-
	BID506	3	3	3	3	2	2	3	3	2	3	3	3	3	1	3	3	-	-	2	-
	BID601	3	3	3	3	2	2	2	3	3	3	3	1	3	1	3	3	-	-	2	-
	BID602	1	-	3	3	2	2	2	3	3	-	2	1	-	-	3	3	3	-	-	-
	BID603	3	3	2	2	1	1	1	3	3	1	2	2	2	3	3	3	-	-	-	-
VI	BID604	3	2	3	3	2	2	2	3	3	3	2	3	3	-	3	3	-	-	2	-
	BID605	2	-	1	3	-	-	-	-	-	-	-	-	-	3	3	-	-	-	-	-
	BID606	3	2	3	3	1	2	2	3	3	-	3	-	-	-	3	2	-	-	-	-
	BID607	2	3	3	3	1	2	2	3	3	1	-	-	-	3	3	2	-	-	-	-
VII	BID701	3	3	3	3	2	3	1	3	2	1	-	3	3	3	3	ı	-	-	2	-
VIII	BID 801	3	3	3	3	2	2	2	3	3	1	3	2	3	3	3	3	-	-	2	-

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BID 802	-	-	-	-	1	1	-	1	-	-	-	-	3	3	2	3	3	3	-	3
BID 803	1	-	2	1	1	2	-	2	1	-	1	-	2	3	2	1	2	-	-	-
BID 804	3	1	2	2	2	1	-	2	2	1	-	2	-	-	-	1	-	-	-	-
BID 805	1	3	1	1	2	1	2	1	2	1	1	-	2	1	2	-	-	-	-	-

DEPARTMENT OF ARCHITECTURE & PLANNING

Course Handout

Course: Interior Design Studio - II

Course Code: BID 201, Crédits: 05, Session: 2020-2021 (Odd Sem.), Class: BID 1st Year

Faculty Name: Ar. Manish Kumar Chitranshi

A. Introduction: The course is to provide a clear understanding about the design procedures and techniques of interior design of spaces with different activities and uses, using different standards, materials, and technologies. The course will use a mix of drawings, case study and sketching & hands on exercise. Participants are encouraged to engage in active interaction through classroom participation

B. Course Outcomes: At the end of the course, students will be able to:

CO1: The design procedures and techniques of interior design of spaces with different activities and uses, using different standards, materials, and technologies.

CO2: The visual design in an interior space with color schemes, textures, light, shadow etc.

CO3: The exercise to be executed in this course enable the students to design the space interiors for a two-storey building with the required services, infrastructure, furniture layout, circulation, openbuilt and exterior-interior relationship in and around the plot boundaries.

C. Programme Outcomes:

- **PO1. Design Knowledge:** Incorporate a global perspective when making design decisions, based on sustainable, socio-economic, and cultural contexts.
- PO2. Problem Analysis: Apply theories of human behaviour to human-centered design solutions.
- **PO3. Design/Development of Solutions:** Apply the design process to generate creative solutions to complex problems optimizing the human experience within the interior environment. Apply theory, psychology, and methodology of color to designs of the interior environment.
- **PO4. Individual and Team Work:** Collaborate in multi-disciplinary teams respecting a variety of points of view and perspectives that enrich the process and product of the team.
- **PO5. Communication:** Communicate complex ideas clearly to specialists and non-specialists through appropriate oral, written, and representational media.
- **PO6. Life Long Learning:** Exemplify accepted standards of professionalism and business practice including a commitment to engage in lifelong learning.
- **PO7. Context and Society:** Analyze interiors, architecture, the decorative arts, and art within a historical and cultural context to inform contemporary design solutions that relate with the society for whom the design solution is to be provided.
- PO8. Synthesis of Concepts: Synthesize theories and concepts of spatial definition and organization

into multi-dimensional design solutions.

- **PO9. Modern Technique usage:** Specify furniture, fixtures, and equipment's of finish materials to meet the design criteria for a variety of interior spaces.
- **PO10. Environment and Sustainability:** Apply principles of lighting, acoustics, thermal comfort, and indoor air quality as required to enhance the health, safety, welfare, and performance of building occupants for overall sustainable development of the individuals.
- **PO11. Ethics:** Comply with laws, codes, and standards that impact fire safety and life safety.
- **PO12. Project/Construction Management:** Produce construction drawings and documents using industry standards for a variety of interior spaces. Employ environment-behaviour research methodologies to address open-ended problems in interior design.

D. Programme Specific Outcomes:

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- **PSO2.** Demonstrate preparation for global design practice by incorporating cultural norms of user populations and applying that knowledge to design solutions that support globally diverse end users.
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- **PSO4.** Apply ethical and professional practices.
- **PSO5.** Demonstrate social responsibility by designing sustainable interior environments that support indoor environmental quality and improve the quality of life for occupants.
- **PSO6.** Engage in integrative professional design practice by contributing interior architecture and design expertise to collaborative design teams.

Assessment Plan:

Component of	Description	Code	Weightage
Evaluation			%
Continuous Internal	Mid Term	СТ	10%
Evaluation	Seminar/Quiz/ Assignment	S/Q/A	15%
Attendance	A minimum of 75% Attendance is required to be maintained by a studentto be qualified for taking up the End Semester examination. The allowance of 25%	A	5%

	includes all types of leaves including medical leaves.		
End Semester	End Semester	VV	70%
Examination	(Viva-Voce)		
Total			100%

E. Syllabus

Module I: Design problem

Introduction to design problem with the methodology to proceed with the concept, Case studies and data collection through primary and secondary sources, Formulation of concept with client's requirements.

Module II: Design aspects

Design the interior keeping in view – the basic structural requirements, finishes, furniture layout, basic services (teaching parallel in BID 1207, Building Services and Fixtures -water supply and sanitation)

Module III: Design Exercise

Design the interiors for a space with a floor area of appx. 300sqm. – 400 sqm in a two storey structure with open courtyards in or around the built structure for 12 - 15 occupants (living or floating) on a plot size of minimum 500sqm. Design should be presented in 3D drawings (perspectives, axonometric, isometric views) rendered with textures, colors, patterns etc. **Examination Scheme:**

Components	Attendance	Mid-Term	Assignment	VV
Weightage (%)	5	10	15	70

CT: Class Test, A: Assignment, S/V/Q: Seminar/Viva/Quiz, EE: End Semester Examination; A: Attendance

F. Suggested Text/Reference Books:

- A Visual Dictionary of Architecture, Francis D.K. Ching [2] Creative Interiors (Design of Enclosed Space), Shashi Jain [3] Commercial Interior Perspectives, Graphic Sha (Editor) [4] Design with Wood, Carol Soucek King
- Drywall (Pro Tips for Hanging & Finishing), John D. Wagner
- Graphic Interiors (Space Designed by Graphic Artists), Corina Dean [7] Interior design illustrated, Francis D.K. Ching
- Graphic Interiors (Space Designed by Graphic Artists), Corina Dean
- Home Plumbing (The David & Charles Manual of), Ernest Hall
- House Book (The Complete Guide to Home Design), Terence Conran [12] Illustration + Perspectives (In Pantone Colors), Eiji Mitooka
- Elements of Architecture, Meiss Pieree Von
- Architecture: Form, Space and Order, Francis D.K. Ching

References:

- A.J. Metric Handbook, Jan Bilwa and Leslie Fair weather
- Architectural Graphic standards, Boaz Joseph
- The Curtain Book, Mitchll Beazlty
- Interior Design Visual, Maureen Mitton 2nd Edition
- 100 Bright Ideas For color, Sue Rose
- Window Fashion, Charles T. Randall
- Illustration + Perspectives (In Pantone Colors), Eiji Mitooka
- Elements of Architecture, Meiss Pieree Von

• Architecture: Form, Space and Order, Francis D.K. Ching

G. Lecture Plan

Lecture	Topics	Mode	Correspon	Mode of
		of	ding CO	Assessing
		Delivery		СО
1.	Design problem	Lecture	CO1	Mid Term-
	Introduction			1, Quiz &
				End Sem
				Exam
2.	Design problem	Lecture	CO1	Mid Term-
	Introduction			1, Quiz &
				End Sem
				Exam
3.	Design problem	Lecture	CO1	Mid Term-
	Introduction			1, Quiz &
				End Sem
				Exam
4.	Design problem Introduction	Lecture	CO1	Mid Term-
				1, Quiz &
				End Sem
				Exam
5.	Design problem	Lecture	CO1	Mid Term-
	Introduction			1, Quiz &
				End Sem
				Exam
6.	Introduction to design	Lecture	CO1	Mid Term-
	problem with the methodology to proceed			1, Quiz &
	with the concept			End Sem
	·			Exam
7.	Introduction to design	Lecture	CO1	Mid Term-
	problem with the methodology to proceed			1, Quiz &
	with the concept			End Sem
	·			Exam
8.	Introduction to design problem with the	Lecture	CO1	Mid Term-
	methodology to proceed			1, Quiz &
	with the concept			End Sem
	Introduction to design	Lastina	601	Exam
9.	problem with the	Lecture	CO1	Mid Term-
	methodology to proceed			1, Quiz & End Sem
	with the concept			
10.	Introduction to design	Locture	CO1	Exam Mid Term-
10.	problem with the	Lecture	CO1	
	methodology to proceed			1, Quiz & End Sem
	with the concept			Exam
11.	Introduction to design	Lecture	CO1	Mid Term-
11.	problem with the	Lecture		1, Quiz &
	methodology to proceed			End Sem
	with the concept			Exam
				LAGIII

12.	Introduction to design	Lecture	CO1	Mid Term-
12.	problem with the	Lectare		1, Quiz &
	methodology to proceed			End Sem
	with the concept			Exam
13.	Introduction to design	Lecture	CO1	Mid Term-
	problem with the	2233.2		1, Quiz &
	methodology to proceed			End Sem
	with the concept			Exam
14.	Introduction to design	Lecture	CO1	Mid Term-
	problem with the			1, Quiz &
	methodology to proceed			End Sem
	with the concept			Exam
15.	Introduction to design	Lecture	CO1	Mid Term-
	problem with the			1, Quiz &
	methodology to proceed with the concept			End Sem
	·			Exam
16.	Case studies and data	Lecture	CO1	Mid Term-
	collection through primary			1, Quiz &
	and secondary sources			End Sem
				Exam
17.	Case studies and data	Lecture	CO1	Mid Term-
	collection through primary			1, Quiz &
	and secondary sources			End Sem
10		<u>.</u>	001	Exam
18.	Case studies and data	Lecture	CO1	Mid Term-
	collection through primary			1, Quiz &
	and secondary sources			End Sem
19.	Case studies and data	Lecture	CO1	Exam Mid Term-
19.		Lecture	1001	
	collection through primary			1, Quiz & End Sem
	and secondary sources			Exam
20.	Case studies and data	Lecture	CO1	Mid Term-
20.	collection through primary	Lecture		1, Quiz &
	and secondary sources			End Sem
	3000			Exam
21.	Case studies and data	Lecture	CO1	Mid Term-
	collection through primary			2, Quiz &
	and secondary sources			End Sem
	,			Exam
22.	Case studies and data	Lecture	CO1	Mid Term-
	collection through primary			2, Quiz &
	and secondary sources			End Sem
				Exam
23.	Case studies and data	Lecture	CO1	Mid Term-
	collection through primary			2, Quiz &
	and secondary sources			End Sem
				Exam
24.	Case studies and data	Lecture	CO1	Mid Term-

	collection through primary			2, Quiz &
	and secondary sources			End Sem
	and secondary sources			Exam
25.	Case studies and data	Locturo	CO1	Mid Term-
25.		Lecture	(01	
	collection through primary			2, Quiz &
	and secondary sources			End Sem
2.5				Exam
26.	Design the interior keeping	Lecture	CO2	Mid Term-
	in view – the basic			2, Quiz &
	structural requirements,			End Sem
	finishes, furniture layout,			Exam
	basic services			
27.	Design the interior keeping	Lecture	CO2	Mid Term-
	in view – the basic			2, Quiz &
	structural requirements,			End Sem
	finishes, furniture layout,			Exam
	basic services			
28.	Design the interior keeping	Lecture	CO2	Mid Term-
	in view – the basic			2, Quiz &
	structural requirements,			End Sem
	finishes, furniture layout,			Exam
	basic services			
29.	Design the interior keeping	Lecture	CO2	Mid Term-
	in view – the basic			2, Quiz &
	structural requirements,			End Sem
	finishes, furniture layout,			Exam
	basic services			
30.	Design the interior keeping	Lecture	CO2	Mid Term-
	in view – the basic			2, Quiz &
	structural requirements,			End Sem
	finishes, furniture layout,			Exam
	basic services			
31.	Design the interior keeping	Lecture	CO2	Mid Term-
	in view – the basic			2, Quiz &
	structural requirements,			End Sem
	finishes, furniture layout,			Exam
	basic services			
32.	Design the interior keeping	Lecture	CO2	Mid Term-
	in view – the basic			2, Quiz &
	structural requirements,			End Sem
	finishes, furniture layout,			Exam
	basic services			
33.	Design the interior keeping	Lecture	CO2	Mid Term-
	in view – the basic			2, Quiz &
	structural requirements,			End Sem
	finishes, furniture layout,			Exam
	basic services			
34.	Design the interior keeping	Lecture	CO2	Mid Term-
	in view – the basic			2, Quiz &
	structural requirements,			End Sem
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	finishes, furniture layout,			Exam
	basic services			
35.	Design the interior keeping	Lecture	CO2	Mid Term-
	in view – the basic			2, Quiz &
	structural requirements,			End Sem
	finishes, furniture layout,			Exam
	basic services			
36.	Design the interiors for a	Lecture	CO2	Mid Term-
	space with a floor area of			2, Quiz &
	appx. 300sqm. – 400 sqm			End Sem
	in a two storey structure			Exam
	with open courtyards in or			
	for 12 15 occupants (living			
	for 12 - 15 occupants (living or floating) on a plot size of			
37.	minimum 500sqm. Design the interiors for a	Lecture	CO2	Quiz &
]	space with a floor area of	Lecture		End Sem
	appx. 300sqm. – 400 sqm			Exam
	in a two storey structure			Exam
	with open courtyards in or			
	around the built structure			
	for 12 - 15 occupants (living			
	or floating) on a plot size of			
	minimum 500sqm.			
38.	Design the interiors for a	Lecture	CO2	Quiz &
	space with a floor area of			End Sem
	appx. 300sqm. – 400 sqm			Exam
	in a two storey structure			
	with open courtyards in or			
	around the built structure			
	for 12 - 15 occupants (living			
	or floating) on a plot size of			
39.	minimum 500sqm. Design the interiors for a	Lecture	CO2	Quiz &
33.	space with a floor area of	Lecture	102	End Sem
	appx. 300sqm. – 400 sqm			Exam
	in a two storey structure			LAUIII
	with open courtyards in or			
	around the built structure			
	for 12 - 15 occupants (living			
	or floating) on a plot size of			
	minimum 500sqm.			
40.	Design the interiors for a	Lecture	CO2	Quiz &
	space with a floor area of			End Sem
	appx. 300sqm. – 400 sqm			Exam
	in a two storey structure			
	in a two storey structure			
	with open courtyards in or			
	-			

	or floating) on a plot size of minimum 500sqm.			
41.	Design the interiors for a space with a floor area of appx. 300sqm. – 400 sqm in a two storey structure with open courtyards in or around the built structure for 12 - 15 occupants (living or floating) on a plot size of minimum 500sqm.	Lecture	CO2	Quiz & End Sem Exam
42.	Design the interiors for a space with a floor area of appx. 300sqm. – 400 sqm in a two storey structure with open courtyards in or around the built structure for 12 - 15 occupants (living or floating) on a plot size of minimum 500sqm.	Lecture	CO2	Quiz & End Sem Exam
43.	Design the interiors for a space with a floor area of appx. 300sqm. – 400 sqm in a two storey structure with open courtyards in or around the built structure for 12 - 15 occupants (living or floating) on a plot size of minimum 500sqm.	Lecture	CO2	Quiz & End Sem Exam
44.	Design the interiors for a space with a floor area of appx. 300sqm. – 400 sqm in a two storey structure with open courtyards in or around the built structure for 12 - 15 occupants (living or floating) on a plot size of minimum 500sqm.	Lecture	CO2	Quiz & End Sem Exam
45.	Design the interiors for a space with a floor area of appx. 300sqm. – 400 sqm in a two storey structure with open courtyards in or around the built structure for 12 - 15 occupants (living or floating) on a plot size of minimum 500sqm.	Lecture	CO2	Quiz & End Sem Exam
46.	Design should be presented in 3D drawings (perspectives, axonometric,	Lecture	CO2	Quiz & End Sem Exam

47.	isometric views) rendered with textures, colors, patterns etc. Design should be presented in 3D drawings (perspectives, axonometric, isometric views) rendered with textures, colors, patterns etc.	Lecture	CO2	Quiz & End Sem Exam
48.	Design should be presented in 3D drawings (perspectives, axonometric, isometric views) rendered with textures, colors, patterns etc.	Lecture	CO2	Quiz & End Sem Exam
49.	Design should be presented in 3D drawings (perspectives, axonometric, isometric views) rendered with textures, colors, patterns etc.	Lecture	CO2	Quiz & End Sem Exam
50.	Design should be presented in 3D drawings (perspectives, axonometric, isometric views) rendered with textures, colors, patterns etc.	Lecture	CO2	Quiz & End Sem Exam
51.	Design should be presented in 3D drawings (perspectives, axonometric, isometric views) rendered with textures, colors, patterns etc.	Lecture	CO3	Quiz & End Sem Exam
52.	Design should be presented in 3D drawings (perspectives, axonometric, isometric views) rendered with textures, colors, patterns etc.	Lecture	CO3	Quiz & End Sem Exam
53.	Design should be presented in 3D drawings (perspectives, axonometric, isometric views) rendered with textures, colors, patterns etc.	Lecture	CO3	Quiz & End Sem Exam
54.	Design should be presented in 3D drawings (perspectives, axonometric, isometric views) rendered with textures, colors, patterns etc.	Lecture	CO3	Quiz & End Sem Exam

55.	Design should be presented in	Lecture	CO3	Quiz &
	Design should be presented in 3D drawings (perspectives, axonometric, isometric views) rendered with textures, colors, patterns etc.			End Sem Exam
56.	Design should be presented in 3D drawings (perspectives, axonometric, isometric views) rendered with textures, colors, patterns etc.	Lecture	CO3	Quiz & End Sem Exam
57.	Design should be presented in 3D drawings (perspectives, axonometric, isometric views) rendered with textures, colors, patterns etc.	Lecture	CO3	Quiz & End Sem Exam
58.	Design should be presented in 3D drawings (perspectives, axonometric, isometric views) rendered with textures, colors, patterns etc.	Lecture	CO3	Quiz & End Sem Exam
59.	Design should be presented in 3D drawings (perspectives, axonometric, isometric views) rendered with textures, colors, patterns etc.	Lecture	CO3	Quiz & End Sem Exam
60.	Design should be presented in 3D drawings (perspectives, axonometric, isometric views) rendered with textures, colors, patterns etc.	Lecture	CO3	Quiz & End Sem Exam
61.	Design should be presented in 3D drawings (perspectives, axonometric, isometric views) rendered with textures, colors, patterns etc.	Lecture	CO3	Quiz & End Sem Exam
62.	Design should be presented in 3D drawings (perspectives, axonometric, isometric views) rendered with textures, colors, patterns etc.	Lecture	CO3	Quiz & End Sem Exam
63.	Design should be presented in 3D drawings (perspectives, axonometric, isometric views) rendered with textures, colors, patterns etc.	Lecture	CO3	Quiz & End Sem Exam

64.	Design should be presented in	Lecture	CO3	Quiz &
	Design should be presented in 3D drawings (perspectives, axonometric, isometric views) rendered with textures, colors, patterns etc.			End Sem Exam
65.	Design should be presented in 3D drawings (perspectives, axonometric, isometric views) rendered with textures, colors, patterns etc.	Lecture	CO3	Quiz & End Sem Exam
66.	Design should be presented in 3D drawings (perspectives, axonometric, isometric views) rendered with textures, colors, patterns etc.	Lecture	CO3	Quiz & End Sem Exam
67.	Design should be presented in 3D drawings (perspectives, axonometric, isometric views) rendered with textures, colors, patterns etc.	Lecture	CO3	Quiz & End Sem Exam
68.	Design should be presented in 3D drawings (perspectives, axonometric, isometric views) rendered with textures, colors, patterns etc.	Lecture	CO3	Quiz & End Sem Exam
69.	Design should be presented in 3D drawings (perspectives, axonometric, isometric views) rendered with textures, colors, patterns etc.	Lecture	CO3	Quiz & End Sem Exam
70.	Design should be presented in 3D drawings (perspectives, axonometric, isometric views) rendered with textures, colors, patterns etc.	Lecture	CO3	Quiz & End Sem Exam
71.	Design should be presented in 3D drawings (perspectives, axonometric, isometric views) rendered with textures, colors, patterns etc.	Lecture	CO3	Quiz & End Sem Exam
72.	Design should be presented in 3D drawings (perspectives, axonometric, isometric views) rendered with textures, colors, patterns etc.	Lecture	CO3	Quiz & End Sem Exam

73.	Design should be presented in 3D drawings (perspectives, axonometric, isometric views) rendered with textures, colors, patterns etc.	Lecture	CO3	Quiz & End Sem Exam
74.	Design should be presented in 3D drawings (perspectives, axonometric, isometric views) rendered with textures, colors, patterns etc.	Lecture	CO3	Quiz & End Sem Exam
75.	Design should be presented in 3D drawings (perspectives, axonometric, isometric views) rendered with textures, colors, patterns etc.	Lecture	CO3	Quiz & End Sem Exam

H. Course Articulation Matrix (Mapping of COs with POs)

СО	STATEMENT	P O	COF P O	P O		P O			GRA P O	MMI P O	P O	P O		PROC SPEC PS	RELAT GRAM CIFIC O PS O2	ME		PS 05
		1	2	3	4	5	6	7	8	9	1 0	1	1	01	02	03	04	03
CO 01	Apply knowledge of construction material, methods, and process to transform idea in to design;	3	2	3	3	2	2	2	3	3	1	1	3	3	1	3	3	-
CO 02	Develop the design for all kind of wooden material, Staircase, door, window, glazed window and partition, paneling and storage cabinet;																	
CO 03	Compare different design suiting the purpose/function and principles of design;																	

Sample Question Paper

Amity School of Architecture & Planning I MID-SEMESTER (SEM –II) 2020-2021 Class: BID II Semester Subject Name: BID 201 Time: 2 Hrs Max. Marks: 10 Interior Design Studio – II Remembering Analyzing Evaluating Creating Levels of the Understanding **Applying** questions as per Blooms Taxonomy Question Q.1,4 Q.2,3 Q.4 Q.2,5,6 Mapping

Student will be able to

CO1: List the broad perceptive of cloud architecture and model.

CO2: Apply different cloud programming models as per need.

CO Map	Question No.	Question	Marks
CO1	Q.1	Explain in brief the cloud computing concept.	3
CO1	Q.2a	What are the essential characteristics of cloud computing?	3
	Q.2b	How is cloud computing requirements and cloud servicerequirement services related to each other?	3
CO1	Q.3	Sketch NIST Cloud Computing Reference Architecture and depictits elements	6
CO2	Q.4	Explain the significance of Cloud Reference Model	3
CO2	Q.5a	Elaborate different cloud types with example.	3
CO2	Q.5b	Write characteristics of private cloud.	3
CO2	Q 6	How virtualization is applied in cloud computing scenario?	6

Attainments		Rubric
Lovel	1	UE COOK of attendents as a read there COOK magnitude the property of the prope
Level	1	IF 60% of students secure more than 60% marks then level 1
Level	2	IF 70% of students secure more than 60% marks then level 2

Level	3	IF 80% of students secure more than 60% marks then level 3

Course outcome: Based on internal and external assessment the level of Course outcome attainment of the course BID /Course code 201 is level 2 for the academic year 2020-2021.

AMITY UNIVERSITY MADHYA PRADESH, GWALIOR AMITY SCHOOL OF ARCHITECTURE AND PLANNING DEPARTMENT OF ARCHITECTURE AND PLANNING

PROGRAMME OUTCOMES AND PROGRAMME SPECIFIC OUTCOMES Bachelor of Interior Design (BID), Academic Year – 2020-2021

Program Outcomes:

- **PO1. Design Knowledge:** Incorporate a global perspective when making design decisions, based on sustainable, socio-economic, and cultural contexts.
- PO2. Problem Analysis: Apply theories of human behaviour to human-centered design solutions.
- **PO3.** Design/Development of Solutions: Apply the design process to generate creative solutions to complex problems optimizing the human experience within the interior environment. Apply theory, psychology, and methodology of color to designs of the interior environment.
- **PO4. Individual and Team Work:** Collaborate in multi-disciplinary teams respecting a variety of points of view and perspectives that enrich the process and product of the team.
- **PO5. Communication:** Communicate complex ideas clearly to specialists and non-specialists through appropriate oral, written, and representational media.
- **PO6. Life Long Learning:** Exemplify accepted standards of professionalism and business practice including a commitment to engage in lifelong learning.
- **PO7. Context and Society:** Analyze interiors, architecture, the decorative arts, and art within a historical and cultural context to inform contemporary design solutions that relate with the society for whom the design solution is to be provided.
- **PO8. Synthesis of Concepts:** Synthesize theories and concepts of spatial definition and organization into multi-dimensional design solutions.
- **PO9. Modern Technique usage:** Specify furniture, fixtures, and equipment's of finish materials to meet the design criteria for a variety of interior spaces.
- **PO10.** Environment and Sustainability: Apply principles of lighting, acoustics, thermal comfort, and indoor air quality as required to enhance the health, safety, welfare, and performance of building occupants for overall sustainable development of the individuals.
- PO11. Ethics: Comply with laws, codes, and standards that impact fire safety and life safety.

PO12. Project/Construction Management: Produce construction drawings and documents using industry standards for a variety of interior spaces. Employ environment-behaviour research methodologies to address open-ended problems in interior design.

Program Specific Outcome:

As part of the school's charter and mission, Amity School of Architecture and Planning is providing a vibrant planning environment, ensuring its under-graduates are not only valued by the planning practice, but are also able to:

PSO1. Demonstrate critical thinking as they identify, analyze, and solve interior architecture and design problems through completion of interior design studio projects. Apply creative and critical thinking to solve interior environment problems from a human-cantered approach and apply this knowledge to design solutions.

PSO2. Demonstrate preparation for global design practice by incorporating cultural norms of user populations and applying that knowledge to design solutions that support globally diverse end users.

PSO3. Demonstrate effective visual, verbal, and written communication.

PSO4. Apply ethical and professional practices.

PSO5. Demonstrate social responsibility by designing sustainable interior environments that support indoor environmental quality and improve the quality of life for occupants.

PSO6. Engage in integrative professional design practice by contributing interior architecture and design expertise to collaborative design teams.

Note: - Correlation levels 1, 2 and 3 as defined below:

1: Slight (Low), 2: Moderate (Medium) and 3: Substantial (High)

If there is no correlation, put "-"

						P	ROG	RAN	1ME	ARTI	CULA	TIOI	N MA	ATRIX	(
SEM	SUBJECT CODE	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12	PO 13	PO 14	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5	PSO 6
	BID101	3	3	3	3	2	1	2	3	3	1	1	3	3	1	3	3	-	-	2	-
	BID102	2	2	3	2	2	1	-		1	2	2	2	-	1	1	3	-	-	-	-
	BID103	2	2	1	-	3	1	2	3	3	2	1	1	2	2	3	3	1	-	-	-
- 1	BID104	1	1	1	2	-	-	-	2	-	-	-	2	-	-	1	1	-	-	-	-
	BID105	3	2	3	2	1	1	2	3	1	2	-	3	-	1	3	3	-	-	2	-
	BID106	-	1	-	-	-	-	3	2	-	-	-	-	-	1	1	1	-	-	-	-
	BID107	3	2	3	3	1	1	3	-	3	3	-	3	2	3	3	3	3	-	-	-
	BID201	3	2	3	3	2	2	2	3	3	1	1	3	3	1	3	3	-	-	2	-
	BID202	3	-	3	2	2	2	-	1	1	1	3	3	2	1	1	2	-	-	-	-
	BID203	2	2	1	1	3	2	2	3	3	2	1	2	2	1	3	3	1	-	2	-
П	BID204	1	3	1	-	-	-	-	1	1	-	-	2	-	1	1	1	-	-	-	-
	BID205	1	-	3	3	1	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-
	BID206	1	1	-	-	-	-	3	3	3	-	-	-	-	-	1	3	-	-	-	-
	BID207	3	-	1	3	1	1	-	1	3	3	3	3	3	3	3	3	3	-	-	-
	BID301	3	3	3	3	2	2	2	3	3	1	1	2	3	1	3	3	-	-	2	-
	BID302	2	-	3	2	2	2	-	1	1	1	2	2	2	1	1	1	-	-	-	-
	BID303	2	2	2	2	-	3	2	-	1	-	-	-	2	-	1	1	-	-	-	-
Ш	BID304	3	3	-	-	3	-	-	3	3	-	-	-	-	-	1	1	-	-	-	-
	BID305	1	-	3	3	1	2	-	-	-	-	-	-	-	-	1	-	-	-	-	-
	BID306	1	1	-	-	2	-	3	3	3	-	-	-	-	-	-	-	-	-	-	-
	BID307	1	3	1	-	3	-	-	3	3	-	-	-	-	3	-	-	-	-	2	-
	BID401	3	3	3	3	2	2	2	3	3	2	1	2	3	1	3	3	-	-	2	-
	BID402	2	1	3	2	2	2	-	1	-	2	1	2	3	1	1	1	-	-	2	-
	BID403	2	2	2	3	1	2	1	1	-	-	-	-	2	-	3	1	-	-	2	-
IV	BID404	3	-	2	3	1	2	1	1	-	1	2	2	2	-	1	1	-	-	2	-
	BID405	3	1	1	1	1	1	-	3	3	3	2	2	1	1	3	3	-	-	-	-
	BID406	3	3	3	3	3	2	3	2	3	3	2	3	-	-	1	3	-	-	2	-
	BID407	3	2	3	3	2	2	2	2	3	3	-	-	-	1	1	3	-	-	-	-
	BID501	3	3	3	3	2	2	2	3	3	3	1	2	3	1	3	1	-	-	2	-
	BID502	2	1	3	2	2	2	1	1	-	1	1	2	3	1	1	1	-	-	-	-
V	BID503	2	1	2	3	-	3	1	1	-	-	3	-	2	3	3	1	-	-	2	-
V	BID504	2	1	1	3	-	3	-	-	-	-	3	-	2	3	3	1	-	-	2	-
	BID505	1	1	-	-	1	-	3	3	3	-	-	1	-	3	1	1	3	-	-	-
	BID506	3	3	3	3	2	2	3	3	2	3	3	3	3	1	3	3	-	-	2	-
	BID601	3	3	3	3	2	2	2	3	3	3	3	1	3	1	3	3	-	-	2	-
	BID602	1	-	3	3	2	2	2	3	3	-	2	1	-	-	3	3	3	-	-	-
	BID603	3	3	2	2	1	1	1	3	3	1	2	2	2	3	3	3	-	-	-	-
VI	BID604	3	2	3	3	2	2	2	3	3	3	2	3	3	-	3	3	-	-	2	-
	BID605	2	-	1	3	-	-	-	-	-	-	-	-	-	3	3	-	-	-	-	-
	BID606	3	2	3	3	1	2	2	3	3	-	3	-	-	-	3	2	-	-	-	-
	BID607	2	3	3	3	1	2	2	3	3	1	-	-	-	3	3	2	-	-	-	-
VII	BID701	3	3	3	3	2	3	1	3	2	1	-	3	3	3	3	ı	-	-	2	-
VIII	BID 801	3	3	3	3	2	2	2	3	3	1	3	2	3	3	3	3	-	-	2	-

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BID 802	-	-	-	-	1	1	-	1	-	-	-	-	3	3	2	3	3	3	-	3
BID 803	1	-	2	1	1	2	-	2	1	-	1	-	2	3	2	1	2	-	-	-
BID 804	3	1	2	2	2	1	-	2	2	1	-	2	-	-	-	1	-	-	-	-
BID 805	1	3	1	1	2	1	2	1	2	1	1	-	2	1	2	-	-	-	-	-

DEPARTMENT OF ARCHITECTURE & PLANNING

Course Handout

Course: MATERIALS & CONSTRUCTION TECHNIQUES-I

Course Code: BID 202, Crédits: 03, Session: 2020-2021 (Even Sem.), Class: BID 1st Year

Faculty Name: Ar. Manish Kumar Chitranshi

I. Introduction: The course will use a mix of drawings, case study and sketching & hands on exercise. Participants are encouraged to engage in active interaction through classroom participation. The students should be able to learn: construction properties and cases of traditional building materials used in construction.

J. Course Outcomes: At the end of the course, students will be able to:

CO1: The students should be able to learn: construction properties and cases of traditional building materials used in construction.

CO2: To familiarize the students with construction properties and cases of traditional building materials used in construction.

CO3: To understand the use of these traditional building materials in simple building works.

K. Programme Outcomes:

- **PO1. Design Knowledge:** Incorporate a global perspective when making design decisions, based on sustainable, socio-economic, and cultural contexts.
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- **PSO2.** Demonstrate preparation for global design practice by incorporating cultural norms of user populations and applying that knowledge to design solutions that support globally diverse end users.
- **PSO3.** Demonstrate effective visual, verbal, and written communication.
- **PSO4.** Apply ethical and professional practices.
- **PSO5.** Demonstrate social responsibility by designing sustainable interior environments that support indoor environmental quality and improve the quality of life for occupants.
- **PSO6.** Engage in integrative professional design practice by contributing interior architecture and design expertise to collaborative design teams.

Assessment Plan:

Component of	Description	Code	Weightage
Evaluation			%
Continuous Internal	Mid Term	СТ	10%
Evaluation	Seminar/Quiz/ Assignment	S/Q/A	15%
Attendance	A minimum of 75% Attendance is required to be maintained by a studentto be qualified for taking up the End Semester examination. The allowance of 25% includes all types of leaves including medical leaves.	A	5%

End Semester	End Semester	EE	70%
Examination	(Viva-Voce)		
Total			100%

M. Syllabus

Module I: Material

Mud and Clay Products: Mud including stabilized earth, Burnt Brinks, Brick Tiles, Brick Ballest and Surkhi, Stone, Lime, Sand, Surkhi, Cement, Mortar, Concrete: Classification, Availability, Preparation, Characteristics, Manufacturing and Uses.

Module II: Material

Brick Work: Brick work with different materials i.e. mud, clay, glass, concrete, wood, timber, flyash Water Proof Materials: Asphalt, Bitumen, and Synthetic

Module III: Construction

Element of building: Terminology, nomenclature if various parts of building from

foundation to roof.

Brick Works: Brick Terminology, Simple bonds in Brick work. Detail at junctions.

Arches, Brick, Stone, elementary principles, Definition and centering, Corbelling

Coping string Courses, Decorative Brick Work, Brick Jalis. Special Bond, Garden bond

etc.

Module III: Construction

Stone work: Elementary Stone Masonry, Types of Joints, Random, Course and Ashlar Stone Work. Foundation: Need, Design criteria, Foundation for load bearing walls of various thicknesses.

Examination Scheme:

Components	Attendance	Mid-Term	Assignment	EE
Weightage (%)	5	10	15	70

CT: Class Test, A: Assignment, S/V/Q: Seminar/Exam/Quiz, EE: End Semester Examination; A: Attendance [1] A VisualDictionary of Architecture, Francis D.K. Ching

- [2] Interior design illustrated, Francis D.K. Ching
- [3] House Book (The Complete Guide to Home Design), Terence Conran
- [4] Masonry (Concrete, Brick, Stone), Christine Beall
- [5] MetricHandbook (Planning&Design Data) 2nd Ed. Edited By, David Adler

References:

N. • Window Fashion, Charles T. Randall

- O. Illustration + Perspectives (In Pantone Colors), Eiji Mitooka
- **P.** Elements of Architecture, Meiss Pieree Von
- Q. Architecture: Form, Space and Order, Francis D.K. Ching
- R. The Construction of Building Vol- 1 to 5, R. Barry
- S. Building Construction, N.L. Arora &, B.R. Gupta
- T. InteriorDetail 1 (Residence), Jeong, Kwang Young
- U. Interior Spaces Vol 6 (A Pictorial Review), Image Publishing Group

Lecture Plan

Lecture	Topics	Mode of Delivery	Correspon ding CO	Mode of Assessing CO
76.	Mud and Clay Products	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
77.	Mud and Clay Products	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
78.	Mud and Clay Products	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
79.	Mud and Clay Products	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
80.	Mud and Clay Products	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
81.	Mud and Clay Products	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
82.	Mud including stabilized earth, Burnt Brinks, Brick Tiles, Brick Ballest and Surkhi, Stone, Lime, Sand, Surkhi, Cement, Mortar, Concrete: Classification, Availability, Preparation, Characteristics, Manufacturing and Uses.	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
83.	Mud including stabilized earth, Burnt Brinks, Brick Tiles, Brick Ballest and Surkhi, Stone, Lime, Sand, Surkhi, Cement, Mortar, Concrete: Classification, Availability, Preparation, Characteristics, Manufacturing and Uses.	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam

	1		1	
84.	Mud including stabilized earth, Burnt Brinks, Brick Tiles, Brick Ballest and Surkhi, Stone, Lime, Sand, Surkhi, Cement, Mortar, Concrete: Classification, Availability, Preparation, Characteristics, Manufacturing and Uses.	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
85.	Mud including stabilized earth, Burnt Brinks, Brick Tiles, Brick Ballest and Surkhi, Stone, Lime, Sand, Surkhi, Cement, Mortar, Concrete: Classification, Availability, Preparation, Characteristics, Manufacturing and Uses.	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
86.	Mud including stabilized earth, Burnt Brinks, Brick Tiles, Brick Ballest and Surkhi, Stone, Lime, Sand, Surkhi, Cement, Mortar, Concrete: Classification, Availability, Preparation, Characteristics, Manufacturing and Uses.	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
87.	Mud including stabilized earth, Burnt Brinks, Brick Tiles, Brick Ballest and Surkhi, Stone, Lime, Sand, Surkhi, Cement, Mortar, Concrete: Classification, Availability, Preparation, Characteristics, Manufacturing and Uses.	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
88.	Mud including stabilized earth, Burnt Brinks, Brick Tiles, Brick Ballest and Surkhi, Stone, Lime, Sand, Surkhi, Cement, Mortar, Concrete: Classification, Availability, Preparation, Characteristics, Manufacturing and Uses.	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
89.	Mud including stabilized earth, Burnt Brinks, Brick Tiles, Brick Ballest and Surkhi, Stone, Lime, Sand, Surkhi, Cement, Mortar, Concrete: Classification, Availability, Preparation, Characteristics, Manufacturing and Uses.	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
90.	Mud including stabilized earth, Burnt Brinks, Brick Tiles, Brick Ballest and Surkhi, Stone, Lime, Sand, Surkhi, Cement, Mortar, Concrete:	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam

	Classification, Availability, Preparation, Characteristics, Manufacturing and Uses.			
91.	Brick Work: Brick work with different materials i.e. mud, clay, glass, concrete, wood, timber, flyash Water Proof Materials: Asphalt, Bitumen, and Synthetic	Lecture	CO2	Mid Term- 1, Quiz & End Sem Exam
92.	Brick Work: Brick work with different materials i.e. mud, clay, glass, concrete, wood,	Lecture	CO2	Mid Term- 1, Quiz & End Sem Exam
93.	timber, flyash Water Proof Materials: Asphalt, Bitumen, and Synthetic	Lecture	CO2	Mid Term- 1, Quiz & End Sem Exam
94.	Brick Work: Brick work with different materials i.e. mud, clay, glass, concrete, wood,	Lecture	CO2	Mid Term- 1, Quiz & End Sem Exam
95.	timber, flyash Water Proof Materials: Asphalt, Bitumen, and Synthetic	Lecture	CO2	Mid Term- 1, Quiz & End Sem Exam
96.	Brick Work: Brick work with different materials i.e. mud, clay, glass, concrete, wood,	Lecture	CO2	Mid Term- 2, Quiz & End Sem Exam
97.	timber, flyash Water Proof Materials: Asphalt, Bitumen, and Synthetic	Lecture	CO2	Mid Term- 2, Quiz & End Sem Exam
98.	Brick Work: Brick work with different materials i.e. mud, clay, glass, concrete, wood,	Lecture	CO2	Mid Term- 2, Quiz & End Sem Exam
99.	timber, flyash Water Proof Materials: Asphalt, Bitumen, and Synthetic	Lecture	CO2	Mid Term- 2, Quiz & End Sem Exam
100.	Brick Work: Brick work with different materials i.e. mud, clay, glass, concrete, wood,	Lecture	CO2	Mid Term- 2, Quiz & End Sem Exam
101.	timber, flyash Water Proof Materials: Asphalt, Bitumen, and Synthetic	Lecture	CO2	Mid Term- 2, Quiz & End Sem Exam

102.	Brick Work: Brick work with different materials i.e. mud, clay, glass, concrete, wood,	Lecture	CO2	Mid Term- 2, Quiz & End Sem Exam
103.	Element of building: Terminology, nomenclature if various parts of building from foundation to roof. Brick Works: Brick Terminology, Simple bonds in Brick work. Detail at junctions. Arches, Brick, Stone, elementary principles, Definition and centering, Corbelling Coping string Courses, Decorative Brick Work, Brick Jalis. Special Bond, Garden bond etc.	Lecture	CO2	Mid Term- 2, Quiz & End Sem Exam
104.	Element of building: Terminology, nomenclature if various parts of building from foundation to roof. Brick Works: Brick Terminology, Simple bonds in Brick work. Detail at junctions. Arches, Brick, Stone, elementary principles, Definition and centering, Corbelling Coping string Courses, Decorative Brick Work, Brick Jalis. Special Bond, Garden bond etc.	Lecture	CO2	Mid Term- 2, Quiz & End Sem Exam
105.	Element of building: Terminology, nomenclature if various parts of building from foundation to roof. Brick Works: Brick Terminology, Simple bonds in Brick work. Detail at junctions. Arches, Brick, Stone,	Lecture	CO2	Mid Term- 2, Quiz & End Sem Exam

		1		
	elementary principles, Definition and centering, Corbelling Coping string Courses, Decorative Brick Work, Brick Jalis. Special Bond, Garden bond etc.			
106.	Element of building: Terminology, nomenclature if various parts of building from foundation to roof. Brick Works: Brick Terminology, Simple bonds in Brick work. Detail at junctions. Arches, Brick, Stone, elementary principles, Definition and centering, Corbelling Coping string Courses, Decorative Brick Work, Brick Jalis. Special Bond, Garden bond etc.	Lecture	CO3	Mid Term- 2, Quiz & End Sem Exam
107.	Element of building: Terminology, nomenclature if various parts of building from foundation to roof. Brick Works: Brick Terminology, Simple bonds in Brick work. Detail at junctions. Arches, Brick, Stone, elementary principles, Definition and centering, Corbelling Coping string Courses, Decorative Brick Work, Brick Jalis. Special Bond, Garden bond etc.	Lecture	CO3	Mid Term- 2, Quiz & End Sem Exam
108.	Element of building: Terminology, nomenclature if various parts of building from foundation to roof. Brick Works: Brick	Lecture	CO3	Mid Term- 2, Quiz & End Sem Exam

			1	
	Terminology, Simple bonds in Brick work. Detail at junctions. Arches, Brick, Stone, elementary principles, Definition and centering, Corbelling Coping string Courses, Decorative Brick Work, Brick Jalis. Special Bond, Garden bond etc.			
109.	Element of building: Terminology, nomenclature if various parts of building from foundation to roof. Brick Works: Brick Terminology, Simple bonds in Brick work. Detail at junctions. Arches, Brick, Stone, elementary principles, Definition and centering, Corbelling Coping string Courses, Decorative Brick Work, Brick Jalis. Special Bond, Garden bond etc.	Lecture	CO3	Mid Term- 2, Quiz & End Sem Exam
110.	Element of building: Terminology, nomenclature if various parts of building from foundation to roof. Brick Works: Brick Terminology, Simple bonds in Brick work. Detail at junctions. Arches, Brick, Stone, elementary principles, Definition and centering, Corbelling Coping string Courses, Decorative Brick Work, Brick Jalis. Special Bond, Garden bond etc.	Lecture	CO3	Mid Term- 2, Quiz & End Sem Exam
111.	Element of building: Terminology, nomenclature	Lecture	CO3	Mid Term- 2, Quiz &

	if you have name at la 11.11			Final Carra
	if various parts of building from foundation to roof. Brick Works: Brick Terminology, Simple bonds in Brick work. Detail at junctions. Arches, Brick, Stone, elementary principles, Definition and centering, Corbelling Coping string Courses, Decorative Brick Work, Brick Jalis. Special Bond, Garden bond			End Sem Exam
112.	etc. Element of building: Terminology, nomenclature if various parts of building from foundation to roof. Brick Works: Brick Terminology, Simple bonds in Brick work. Detail at junctions. Arches, Brick, Stone, elementary principles, Definition and centering, Corbelling Coping string Courses, Decorative Brick Work, Brick Jalis. Special Bond, Garden bond etc.	Lecture	CO3	Quiz & End Sem Exam
113.	Stone work: Elementary Stone Masonry, Types of Joints, Random, Course and Ashlar Stone Work. Foundation: Need, Design criteria, Foundation for load bearing walls of various thicknesses.	Lecture	CO3	Quiz & End Sem Exam
114.	Stone work: Elementary Stone Masonry, Types of Joints, Random, Course and Ashlar Stone Work. Foundation: Need, Design	Lecture	CO3	Quiz & End Sem Exam

	criteria, Foundation for load bearing walls of various thicknesses.			
115.	Stone work: Elementary Stone Masonry, Types of Joints, Random, Course and Ashlar	Lecture	CO3	Quiz & End Sem Exam
116.	Stone Work.	Lecture	CO3	Quiz & End Sem Exam
117.	Foundation: Need, Design criteria, Foundation for load bearing walls of various	Lecture	CO3	Quiz & End Sem Exam
118.	thicknesses.	Lecture	CO3	Quiz & End Sem Exam
119.	Stone work: Elementary Stone Masonry, Types of Joints, Random, Course and Ashlar	Lecture	CO3	Quiz & End Sem Exam
120.	Stone Work.	Lecture	CO3	Quiz & End Sem Exam

V. Course Articulation Matrix (Mapping of COs with POs)

CO	STATEMENT		CORRELATION WITH PROGRAMME OUTCOMES											CORRELATION WITH PROGRAMME SPECIFIC OUTCOMES				
		Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	PS	PS	PS	PS	PS
		О	0	0	0	0	0	0	0	0	0	0	0	01	02	03	04	05
		1	2	3	4	5	6	7	8	9	1	1	1					
											0	1	2					
CO 01	The students should																	
	be able to learn:																	
	construction																	
	properties and cases	3	-	3	2	2	2	-	1	1	1	3	3	2	1	1		
	of traditional building																	
	materials used in																	
	construction																2	

CO 02	To familiarize the									
	students									
	with									
	construction									
	properties									
	and cases of									
	traditional									
	building									
	materials									
	used in									
	construction.									
CO 03	To understand the									
	use of these									
	traditional									
	building									
	materials in									
	simple									
	building									
	works.									

Sample Question Paper

Amity School of Architecture & Planning MID-SEMESTER (SEM –II) 2020-2021										
	Class: BID II Semester									
Subject Name: BID Material & Constru		Time: 2 Hrs		Max. Marks: 10						
Levels of the questions as per Blooms Taxonomy	Remembering	Understanding	Applying	Analyz	zing	Evaluating	Creating			
Question Mapping	Q.1,4	Q.2,3	Q.4	Q.2,5,	6					

Student will be able to

CO1: List the broad perceptive of cloud architecture and model.

CO2: Apply different cloud programming models as per need.

CO Map	Question No.	Question	Marks
CO1	Q.1	Explain in brief the cloud computing concept.	3
CO1	Q.2a	What are the essential characteristics of cloud computing?	3
	Q.2b	How is cloud computing requirements and cloud servicerequirement services related to	3

		each other?	
CO2	Q.3	Sketch NIST Cloud Computing Reference Architecture and depictits elements	6
CO2	Q.4	Explain the significance of Cloud Reference Model	3
CO2	Q.5a	Elaborate different cloud types with example.	3
CO3	Q.5b	Write characteristics of private cloud.	3
CO3	Q 6	How virtualization is applied in cloud computing scenario?	6

	Rubric								
1	IF 60% of students secure more than 60% marks then level 1								
2	IF 70% of students secure more than 60% marks then level 2								
3	IF 80% of students secure more than 60% marks then level 3								
	2 3								

Course outcome: Based on internal and external assessment the level of Course outcome attainment of the course BID/Course code BID 202 Is level 01 for the academic year 2020-2021.





AMITY UNIVERSITY MADHYA PRADESH, GWALIOR

AMITY SCHOOL OF ARCHITECTURE AND PLANNING

DEPARTMENT OF ARCHITECTURE AND PLANNING

PROGRAMME OUTCOMES AND PROGRAMME SPECIFIC OUTCOMES Bachelor of Interior Design (BID), Academic Year – 2020-2021

Program Outcomes:

- **PO1. Design Knowledge:** Incorporate a global perspective when making design decisions, based on sustainable, socio-economic, and cultural contexts.
- PO2. Problem Analysis: Apply theories of human behaviour to human-centered design solutions.
- **PO3.** Design/Development of Solutions: Apply the design process to generate creative solutions to complex problems optimizing the human experience within the interior environment. Apply theory, psychology, and methodology of color to designs of the interior environment.
- **PO4. Individual and Team Work:** Collaborate in multi-disciplinary teams respecting a variety of points of view and perspectives that enrich the process and product of the team.
- **PO5. Communication:** Communicate complex ideas clearly to specialists and non-specialists through appropriate oral, written, and representational media.
- **PO6. Life Long Learning:** Exemplify accepted standards of professionalism and business practice including a commitment to engage in lifelong learning.
- **PO7. Context and Society:** Analyze interiors, architecture, the decorative arts, and art within a historical and cultural context to inform contemporary design solutions that relate with the society for whom the design solution is to be provided.
- **PO8. Synthesis of Concepts:** Synthesize theories and concepts of spatial definition and organization into multi-dimensional design solutions.
- **PO9. Modern Technique usage:** Specify furniture, fixtures, and equipment's of finish materials to meet the design criteria for a variety of interior spaces.
- **PO10.** Environment and Sustainability: Apply principles of lighting, acoustics, thermal comfort, and indoor air quality as required to enhance the health, safety, welfare, and performance of building occupants for overall sustainable development of the individuals.
- **PO11. Ethics:** Comply with laws, codes, and standards that impact fire safety and life safety.
- **PO12. Project/Construction Management:** Produce construction drawings and documents using industry standards for a variety of interior spaces. Employ environment-behaviour research methodologies to address open-ended problems in interior design.

Program Specific Outcome:

As part of the school's charter and mission, Amity School of Architecture and Planning is providing a vibrant planning environment, ensuring its under-graduates are not only valued by the planning practice, but are also able to:

PSO1. Demonstrate critical thinking as they identify, analyze, and solve interior architecture and design problems through completion of interior design studio projects. Apply creative and critical thinking to solve interior environment problems from a human-cantered approach and apply this knowledge to design solutions.

- **PSO2.** Demonstrate preparation for global design practice by incorporating cultural norms of user populations and applying that knowledge to design solutions that support globally diverse end users.
- **PSO3.** Demonstrate effective visual, verbal, and written communication.
- **PSO4.** Apply ethical and professional practices.
- **PSO5.** Demonstrate social responsibility by designing sustainable interior environments that support indoor environmental quality and improve the quality of life for occupants.
- **PSO6.** Engage in integrative professional design practice by contributing interior architecture and design expertise to collaborative design teams.

Note: - Correlation levels 1, 2 and 3 as defined below:

1: Slight (Low), 2: Moderate (Medium) and 3: Substantial (High)

If there is no correlation, put "-"

PROGRAMME ARTICULATION MATRIX																					
SEM	SUBJECT CODE	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12	PO 13	PO 14	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5	PSO 6
I	BID101	3	3	3	3	2	1	2	3	3	1	1	3	3	1	3	3	-	-	2	-
	BID102	2	2	3	2	2	1	-		1	2	2	2	1	1	1	3	-	-	ı	-
	BID103	2	2	1	-	3	1	2	3	3	2	1	1	2	2	3	3	1	-	ı	-
	BID104	1	1	1	2	1	-	-	2	-	1	•	2	1	•	1	1	-	-	ı	-
	BID105	3	2	3	2	1	1	2	3	1	2	-	3	-	1	3	3	-	-	2	-
	BID106	-	1	-	-	1	-	3	2	-	1	ı	-	ı	1	1	1	-	-	ı	-
	BID107	3	2	3	3	1	1	3	-	3	3	•	3	2	3	3	3	3	-	-	-
II	BID201	3	2	3	3	2	2	2	3	3	1	1	3	3	1	3	3	-	-	2	-
	BID202	3	-	3	2	2	2	-	1	1	1	3	3	2	1	1	2	-	-	-	-
	BID203	2	2	1	1	3	2	2	3	3	2	1	2	2	1	3	3	1	-	2	-
	BID204	1	3	1	-	-	-	-	1	1	-	-	2	-	1	1	1	-	-	-	-
	BID205	-	-	3	3	1	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-

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	BID206 BID207	3	1	1	-	-	1	3	3	3	-	-	-	-	2	2	3	-	-	-	-
	BID301	3	3	3	3	2	2	2	3	3	3	3	3	3	3	3	3	3	-	-	-
	BID301	2	-	3	2	2	2	-				2	2		1	1	3	-	-	2	-
	BID302	2	2	2	2	-	3	2	1	1	1	-	-	2	-	1	1	-	-	-	-
	BID303	3	3	-	-	3	-		3	3	_	_	_	_	_	1	1	-	-	-	-
""	BID304	-	-	3	3	1	2	_	-	-	_	_	_	_	_	1	1	-	-	-	_
	BID305	-	1	-	-	2	-	3	3	3	_	_	_	_	_	-	_	_	-	_	_
	BID307	1	3	1	_	3	-	-	3	3	_	_	_	_	3	_	_	-	_	2	_
	BID401	3	3	3	3	2	2	2	3	3	2	1	2	3	1	3	3	-	-	2	_
	BID402	2	1	3	2	2	2	-	1	-	2	1	2	3	1	1	1	-	_	2	_
	BID403	2	2	2	3	1	2	1	1	_	_	_	_	2	_	3	1	_	_	2	_
IV	BID404	3	_	2	3	1	2	1	1	_	1	2	2	2	-	1	1	_	_	2	_
	BID405	3	1	1	1	1	1	-	3	3	3	2	2	1	1	3	3	_	_	-	_
	BID406	3	3	3	3	3	2	3	2	3	3	2	3	-	-	1	3	_	_	2	_
	BID407	3	2	3	3	2	2	2	2	3	3	-	-	-	1	1	3	_	_	_	_
	BID501	3	3	3	3	2	2	2	3	3	3	1	2	3	1	3	1	_	_	2	_
	BID502	2	1	3	2	2	2	-	1	-	1	1	2	3	1	1	1	_	-	-	_
	BID503	2	1	2	3	-	3	-	1	-	-	3	-	2	3	3	1	-	-	2	_
V	BID504	2	1	1	3	-	3	-	-	-	-	3	-	2	3	3	1	-	-	2	-
	BID505	1	1	-	-	1	-	3	3	3	-	-	1	-	3	1	1	3	-	-	-
	BID506	3	3	3	3	2	2	3	3	2	3	3	3	3	1	3	3	-	-	2	-
	BID601	3	3	3	3	2	2	2	3	3	3	3	1	3	1	3	3	-	-	2	-
	BID602	1	-	3	3	2	2	2	3	3	-	2	1	-	-	3	3	3	-	-	-
	BID603	3	3	2	2	1	1	1	3	3	1	2	2	2	3	3	3	-	-	-	-
VI	BID604	3	2	3	3	2	2	2	3	3	3	2	3	3	-	3	3	-	-	2	-
	BID605	2	-	1	3	-	1	1	-	-	-	-	-	-	3	3	-	-	-	-	-
	BID606	3	2	3	3	1	2	2	3	3	-	3	-	-	-	3	2	-	-	-	-
	BID607	2	3	3	3	1	2	2	3	3	1	-	-	-	3	3	2	-	-	-	-
VII	BID701	3	3	3	3	2	3	-	3	2	1	-	3	3	3	3	-	-	-	2	-
	BID 801	3	3	3	3	2	2	2	3	3	1	3	2	3	3	3	3	-	-	2	-
	BID 802	-	-	-	-	1	1	-	1	-	-	-	-	3	3	2	3	3	3	-	3
VIII	BID 803	1	-	2	1	1	2	-	2	1	-	1	-	2	3	2	1	2	-	-	-
	BID 804	3	1	2	2	2	1	-	2	2	1	-	2	-	-	-	1	-	-	-	-
	BID 805	1	3	1	1	2	1	2	1	2	1	1	-	2	1	2	-	-	-	-	-

DEPARTMENT OF ARCHITECTURE & PLANNING

Course Handout

Course: BASIC DESIGN AND VISUAL ART-II

Course Code: BID 203, Crédits: 03, Session: 2020-2021 (Even Sem.), Class: BID 1st Year

Faculty Name: Ar. Manish Kumar Chitranshi

W. Introduction: The course will use a mix of drawings, sketching & hands on exercise.

X. Participants are encouraged to engage in active interaction through classroom participation

Y. Course Outcomes: At the end of the course, students will be able to:

CO1: The possible graphic skills used in interior design and provide a wider knowledge to the students about the various levels of graphic drawings. Familiarize with the principles and theories of graphics.

CO2: The possible graphic skills used in interior design and provide a wider knowledge to the students about the various levels of graphic drawings. Familiarize with the principles and theories of graphics.

Z. Programme Outcomes:

- **PO1. Design Knowledge:** Incorporate a global perspective when making design decisions, based on sustainable, socio-economic, and cultural contexts.
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AA.Programme Specific Outcomes:

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- **PSO5.** Demonstrate social responsibility by designing sustainable interior environments that support indoor environmental quality and improve the quality of life for occupants.
- **PSO6.** Engage in integrative professional design practice by contributing interior architecture and design expertise to collaborative design teams.

Assessment Plan:

Component of	Description	Code	Weightage
Evaluation			%
Continuous Internal	Mid Term	СТ	10%
Evaluation	Seminar/Quiz/ Assignment	S/Q/A	15%
Attendance	A minimum of 75% Attendance is required to be maintained by a studentto be qualified for taking up the End Semester examination. The allowance of 25% includes all types of leaves including medical leaves.	A	5%

End Semester	End Semester	VV	70%
Examination	(Viva-Voce)		
Total			100%

BB. Syllabus

Module I: Graphical representation

Graphical representation of furniture, human figures in D2 & D3, Rendering techniques for textures, materials, finishes etc.

Module II: graphics and coloring

Models, 3-D forms: free standing paper models representing motives, shapes

Examination Scheme:

Components	Attendance	Mid-Term	Assignment	VV
Weightage (%)	5	10	15	70

CT: Class Test, A: Assignment, S/V/Q: Seminar/Exam/Quiz, EE: End Semester Examination; A: Attendance

CC. Suggested Text/Reference Books:

- 1] A Visual Dictionary of Architecture, Francis D.K. Ching
- [2] Creative Interiors (Design of Enclosed Space), Shashi Jain
- [3] Interior design illustrated, Francis D.K. Ching
- [4] Home Plumbing (The David & Charles Manual of), Ernest Hall
- [5] House Book (The Complete Guide to Home Design), Terence Conran
- [6] Architecture: Form, Space and Order Francis D.K. Ching

References:

References: • Window Fashion, Charles T. Randall

- Illustration + Perspectives (In Pantone Colors), Eiji Mistook
- Elements of Architecture, Meiss Pieree Von
- Architecture: Form, Space and Order, Francis D.K. Ching

DD. Lecture Plan

Lecture	Topics	Mode of Delivery	Correspon ding CO	Mode of Assessing CO
121.	Graphical representation of furniture, human figures in D2 & D3, Rendering techniques for textures, materials, finishes etc.	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
122.	Graphical representation of furniture, human figures	Lecture	CO1	Mid Term- 1, Quiz &

	in D2 & D3, Rendering techniques for textures, materials, finishes etc.			End Sem Exam
123.	Graphical representation of furniture, human figures in D2 & D3, Rendering techniques for textures, materials, finishes etc.	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
124.	Graphical representation of furniture, human figures in D2 & D3, Rendering techniques for textures, materials, finishes etc.	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
125.	Graphical representation of furniture, human figures in D2 & D3, Rendering techniques for textures, materials, finishes etc.	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
126.	Graphical representation of furniture, human figures in D2 & D3, Rendering techniques for textures, materials, finishes etc.	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
127.	Graphical representation of furniture, human figures in D2 & D3, Rendering techniques for textures, materials, finishes etc.	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
128.	Graphical representation of furniture, human figures in D2 & D3, Rendering techniques for textures, materials, finishes etc.	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
129.	Graphical representation of furniture, human figures in D2 & D3, Rendering techniques for textures, materials, finishes etc.	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
130.	Graphical representation of furniture, human figures in D2 & D3, Rendering techniques for textures, materials, finishes etc.	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
131.	Graphical representation of furniture, human figures in D2 & D3, Rendering techniques for textures, materials, finishes etc.	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
132.	Graphical representation of furniture, human figures in D2 & D3, Rendering techniques for textures, materials, finishes etc.	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
133.	Graphical representation of furniture, human figures in D2 & D3, Rendering techniques for textures, materials, finishes etc.	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
134.	Graphical representation of furniture, human figures in D2 &	Lecture	CO1	Mid Term- 1, Quiz &

	D3, Rendering techniques for textures, materials, finishes etc.			End Sem Exam
135.	Graphical representation of furniture, human figures in D2 & D3, Rendering techniques for textures, materials, finishes etc.	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
136.	Graphical representation of furniture, human figures in D2 & D3, Rendering techniques for textures, materials, finishes etc.	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
137.	Graphical representation of furniture, human figures in D2 & D3, Rendering techniques for textures, materials, finishes etc.	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
138.	Graphical representation of furniture, human figures in D2 & D3, Rendering techniques for textures, materials, finishes etc.	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
139.	Graphical representation of furniture, human figures in D2 & D3, Rendering techniques for textures, materials, finishes etc.	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
140.	Graphical representation of furniture, human figures in D2 & D3, Rendering techniques for textures, materials, finishes etc.	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
141.	Graphical representation of furniture, human figures in D2 & D3, Rendering techniques for textures, materials, finishes etc.	Lecture	CO1	Mid Term- 2, Quiz & End Sem Exam
142.	Graphical representation of furniture, human figures in D2 & D3, Rendering techniques for textures, materials, finishes etc.	Lecture	CO1	Mid Term- 2, Quiz & End Sem Exam
143.	Graphical representation of furniture, human figures in D2 & D3, Rendering techniques for textures, materials, finishes etc.	Lecture	CO1	Mid Term- 2, Quiz & End Sem Exam
144.	Graphical representation of furniture, human figures in D2 & D3, Rendering techniques for textures, materials, finishes etc.	Lecture	CO1	Mid Term- 2, Quiz & End Sem Exam
145.	Models, 3-D forms: free standing paper models representing motives, shapes	Lecture	CO2	Mid Term- 2, Quiz & End Sem Exam
146.	Models, 3-D forms: free standing paper models representing motives, shapes	Lecture	CO2	Mid Term- 2, Quiz & End Sem

				Exam
147.	Models, 3-D forms: free standing paper models representing	Lecture	CO2	Mid Term- 2, Quiz &
	motives, shapes			End Sem Exam
148.	Models, 3-D forms: free	Lecture	CO2	Mid Term-
	standing paper models	2000.70		2, Quiz &
	representing motives,			End Sem
	shapes			Exam
149.	Models, 3-D forms: free	Lecture	CO2	Mid Term-
	standing paper models			2, Quiz &
	representing motives,			End Sem
	shapes			Exam
150.	Models, 3-D forms: free	Lecture	CO2	Mid Term-
	standing paper models representing motives,			2, Quiz &
	shapes			End Sem
	·			Exam
151.	Models, 3-D forms: free standing paper models	Lecture	CO2	Mid Term-
	representing motives,			2, Quiz &
	shapes			End Sem
152.	Models, 3-D forms: free	Locturo	603	Exam
152.	standing paper models	Lecture	CO2	Mid Term- 2, Quiz &
	representing motives,			End Sem
	shapes			Exam
153.	Models, 3-D forms: free	Lecture	CO2	Mid Term-
133.	standing paper models	Lecture	002	2, Quiz &
	representing motives,			End Sem
	shapes			Exam
154.	Models, 3-D forms: free	Lecture	CO2	Mid Term-
	standing paper models			2, Quiz &
	representing motives,			End Sem
	shapes			Exam
155.	Models, 3-D forms: free	Lecture	CO2	Mid Term-
	standing paper models			2, Quiz &
	representing motives, shapes			End Sem
	•			Exam
156.	Models, 3-D forms: free	Lecture	CO2	Mid Term-
	standing paper models representing motives,			2, Quiz &
	shapes			End Sem
457	·		602	Exam
157.	Models, 3-D forms: free standing paper models	Lecture	CO2	Quiz &
	representing motives,			End Sem
	shapes			Exam
158.	Models, 3-D forms: free	Lecture	CO2	Quiz &
	standing paper models			End Sem
	representing motives, shapes			Exam
159.	Models, 3-D forms: free	Lecture	CO2	Quiz &
±00.	standing paper models	Lecture	302	Quiz Q

	representing motives, shapes			End Sem Exam
160.	Models, 3-D forms: free standing paper models representing motives, shapes	Lecture	CO2	Quiz & End Sem Exam
161.	Models, 3-D forms: free standing paper models representing motives, shapes	Lecture	CO2	Quiz & End Sem Exam
162.	Models, 3-D forms: free standing paper models representing motives, shapes	Lecture	CO2	Quiz & End Sem Exam
163.	Models, 3-D forms: free standing paper models representing motives, shapes	Lecture	CO2	Quiz & End Sem Exam
164.	Models, 3-D forms: free standing paper models representing motives, shapes	Lecture	CO2	Quiz & End Sem Exam
165.	Models, 3-D forms: free standing paper models representing motives, shapes	Lecture	CO2	Quiz & End Sem Exam

EE. Course Articulation Matrix (Mapping of COs with POs)

СО	STATEMENT		CORRELATION WITH PROGRAMME OUTCOMES									CORRELATION WITH PROGRAMME SPECIFIC OUTCOMES						
		P O	P O	P O	P O	P O	P O	P O	P O	P O	P O	Р О	Р О	PS O1	PS O2	PS O3	PS 04	PS 05
		1	2	3	4	5	6	7	8	9	1 0	1 1	1 2					
CO 01	The possible graphic skills used in interior design and provide a wider knowledge to the students about the various levels of graphic drawings. Familiarize with the principles and theories of graphics.	2	2	1	1	3	2	2	3	3	2	1	2	2	1	3	3	1

CO 02	The possible graphic									
	skills used in interior									
	design and provide a									
	wider knowledge to									
	the students about									
	the various levels of									
	graphic drawings.									
	Familiarize with the									
	principles and									
	theories of graphics.									

Sample Question Paper

	•	School of Archited -SEMESTER (SEM										
	Class: BID II Semester											
Subject Name: BID Basic Design & Vis		Time: 2 Hrs		Max. Marks: 10								
Levels of the questions as per Blooms Taxonomy	Remembering	Understanding	Applying	Analyz	ing	Evaluating	Creating					
Question Mapping	Q.1,4	Q.2,3	Q.4	Q.2,5,	6							

Student will be able to

CO1: List the broad perceptive of cloud architecture and model. CO2: Apply different cloud programming models as per need.

CO Map	Question No.	Question	Marks	
CO1	Q.1	Explain in brief the cloud computing concept.	3	
CO1	Q.2a	What are the essential characteristics of cloud computing?	3	
	Q.2b How is cloud computing requirements and cloud servicerequirement services related to each other?			
CO1	Q.3	Sketch NIST Cloud Computing Reference Architecture and depictits elements	6	
CO3	Q.4	Explain the significance of Cloud Reference Model	3	
	Q.5a	Elaborate different cloud types with example.	3	
CO3	Q.5b	Write characteristics of private cloud.	3	

CO3	Q 6	How virtualization is applied in cloud computing	6
		scenario?	

Attainmen	ts	Rubric					
Level	1	IF 60% of students secure more than 60% marks then level 1					
Level	2	IF 70% of students secure more than 60% marks then level 2					
Level	3	IF 80% of students secure more than 60% marks then level 3					

Course outcome: Based on internal and external assessment the level of Course outcome attainment of the course BID /Course code BID 203 is level 2 for the academic year 2020-2021.



AMITY UNIVERSITY MADHYA PRADESH, GWALIOR AMITY SCHOOL OF ARCHITECTURE AND PLANNING DEPARTMENT OF ARCHITECTURE AND PLANNING

PROGRAMME OUTCOMES AND PROGRAMME SPECIFIC OUTCOMES Bachelor of Interior Design (BID), Academic Year – 2020-2021

Program Outcomes:

- **PO1. Design Knowledge:** Incorporate a global perspective when making design decisions, based on sustainable, socio-economic, and cultural contexts.
- **PO2. Problem Analysis:** Apply theories of human behaviour to human-centered design solutions.
- **PO3.** Design/Development of Solutions: Apply the design process to generate creative solutions to complex problems optimizing the human experience within the interior environment. Apply theory, psychology, and methodology of color to designs of the interior environment.
- **PO4. Individual and Team Work:** Collaborate in multi-disciplinary teams respecting a variety of points of view and perspectives that enrich the process and product of the team.
- **PO5. Communication:** Communicate complex ideas clearly to specialists and non-specialists through appropriate oral, written, and representational media.
- **PO6. Life Long Learning:** Exemplify accepted standards of professionalism and business practice including a commitment to engage in lifelong learning.
- **PO7. Context and Society:** Analyze interiors, architecture, the decorative arts, and art within a historical and cultural context to inform contemporary design solutions that relate with the society for whom the design solution is to be provided.
- **PO8. Synthesis of Concepts:** Synthesize theories and concepts of spatial definition and organization into multi-dimensional design solutions.
- **PO9. Modern Technique usage:** Specify furniture, fixtures, and equipment's of finish materials to meet the design criteria for a variety of interior spaces.
- **PO10. Environment and Sustainability:** Apply principles of lighting, acoustics, thermal comfort, and indoor air quality as required to enhance the health, safety, welfare, and performance of building occupants for overall sustainable development of the individuals.
- **PO11. Ethics:** Comply with laws, codes, and standards that impact fire safety and life safety.

PO12. Project/Construction Management: Produce construction drawings and documents using industry standards for a variety of interior spaces. Employ environment-behaviour research methodologies to address open-ended problems in interior design.

Program Specific Outcome:

As part of the school's charter and mission, Amity School of Architecture and Planning is providing a vibrant planning environment, ensuring its under-graduates are not only valued by the planning practice, but are also able to:

PSO1. Demonstrate critical thinking as they identify, analyze, and solve interior architecture and design problems through completion of interior design studio projects. Apply creative and critical thinking to solve interior environment problems from a human-cantered approach and apply this knowledge to design solutions.

PSO2. Demonstrate preparation for global design practice by incorporating cultural norms of user populations and applying that knowledge to design solutions that support globally diverse end users.

PSO3. Demonstrate effective visual, verbal, and written communication.

PSO4. Apply ethical and professional practices.

PSO5. Demonstrate social responsibility by designing sustainable interior environments that support indoor environmental quality and improve the quality of life for occupants.

PSO6. Engage in integrative professional design practice by contributing interior architecture and design expertise to collaborative design teams.

Note: - Correlation levels 1, 2 and 3 as defined below:

1: Slight (Low), 2: Moderate (Medium) and 3: Substantial (High)

If there is no correlation, put "-"

	PROGRAMME ARTICULATION MATRIX											TIOI	N MA	ATRIX	(
SEM	SUBJECT CODE	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12	PO 13	PO 14	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5	PSO 6
	BID101	3	3	3	3	2	1	2	3	3	1	1	3	3	1	3	3	-	-	2	-
	BID102	2	2	3	2	2	1	-		1	2	2	2	-	1	1	3	-	-	-	-
	BID103	2	2	1	-	3	1	2	3	3	2	1	1	2	2	3	3	1	-	-	-
- 1	BID104	1	1	1	2	-	-	-	2	-	-	-	2	-	-	1	1	-	-	-	-
	BID105	3	2	3	2	1	1	2	3	1	2	-	3	-	1	3	3	-	-	2	-
	BID106	-	1	-	-	-	-	3	2	-	-	-	-	-	1	1	1	-	-	-	-
	BID107	3	2	3	3	1	1	3	-	3	3	-	3	2	3	3	3	3	-	-	-
	BID201	3	2	3	3	2	2	2	3	3	1	1	3	3	1	3	3	-	-	2	-
	BID202	3	-	3	2	2	2	-	1	1	1	3	3	2	1	1	2	-	-	-	-
	BID203	2	2	1	1	3	2	2	3	3	2	1	2	2	1	3	3	1	-	2	-
П	BID204	1	3	1	-	-	-	-	1	1	-	-	2	-	1	1	1	-	-	-	-
	BID205	1	-	3	3	1	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-
	BID206	1	1	-	-	-	-	3	3	3	-	-	-	-	-	1	3	-	-	-	-
	BID207	3	-	1	3	1	1	-	1	3	3	3	3	3	3	3	3	3	-	-	-
	BID301	3	3	3	3	2	2	2	3	3	1	1	2	3	1	3	3	-	-	2	-
	BID302	2	-	3	2	2	2	-	1	1	1	2	2	2	1	1	1	-	-	-	-
	BID303	2	2	2	2	-	3	2	-	1	-	-	-	2	-	1	1	-	-	-	-
Ш	BID304	3	3	-	-	3	-	-	3	3	-	-	-	-	-	1	1	-	-	-	-
	BID305	1	-	3	3	1	2	-	-	-	-	-	-	-	-	1	-	-	-	-	-
	BID306	1	1	-	-	2	-	3	3	3	-	-	-	-	-	-	-	-	-	-	-
	BID307	1	3	1	-	3	-	-	3	3	-	-	-	-	3	-	-	-	-	2	-
	BID401	3	3	3	3	2	2	2	3	3	2	1	2	3	1	3	3	-	-	2	-
	BID402	2	1	3	2	2	2	-	1	-	2	1	2	3	1	1	1	-	-	2	-
	BID403	2	2	2	3	1	2	1	1	-	-	-	-	2	-	3	1	-	-	2	-
IV	BID404	3	-	2	3	1	2	1	1	-	1	2	2	2	-	1	1	-	-	2	-
	BID405	3	1	1	1	1	1	-	3	3	3	2	2	1	1	3	3	-	-	-	-
	BID406	3	3	3	3	3	2	3	2	3	3	2	3	-	-	1	3	-	-	2	-
	BID407	3	2	3	3	2	2	2	2	3	3	-	-	-	1	1	3	-	-	-	-
	BID501	3	3	3	3	2	2	2	3	3	3	1	2	3	1	3	1	-	-	2	-
	BID502	2	1	3	2	2	2	1	1	-	1	1	2	3	1	1	1	-	-	-	-
V	BID503	2	1	2	3	-	3	1	1	-	-	3	-	2	3	3	1	-	-	2	-
V	BID504	2	1	1	3	-	3	-	-	-	-	3	-	2	3	3	1	-	-	2	-
	BID505	1	1	-	-	1	-	3	3	3	-	-	1	-	3	1	1	3	-	-	-
	BID506	3	3	3	3	2	2	3	3	2	3	3	3	3	1	3	3	-	-	2	-
	BID601	3	3	3	3	2	2	2	3	3	3	3	1	3	1	3	3	-	-	2	-
	BID602	1	-	3	3	2	2	2	3	3	-	2	1	-	-	3	3	3	-	-	-
	BID603	3	3	2	2	1	1	1	3	3	1	2	2	2	3	3	3	-	-	-	-
VI	BID604	3	2	3	3	2	2	2	3	3	3	2	3	3	-	3	3	-	-	2	-
	BID605	2	-	1	3	-	-	-	-	-	-	-	-	-	3	3	-	-	-	-	-
	BID606	3	2	3	3	1	2	2	3	3	-	3	-	-	-	3	2	-	-	-	-
	BID607	2	3	3	3	1	2	2	3	3	1	-	-	-	3	3	2	-	-	-	-
VII	BID701	3	3	3	3	2	3	ı	3	2	1	-	3	3	3	3	ı	-	-	2	-
VIII	BID 801	3	3	3	3	2	2	2	3	3	1	3	2	3	3	3	3	-	-	2	-

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BID 802	-	-	-	-	1	1	-	1	-	-	-	-	3	3	2	3	3	3	-	3
BID 803	1	-	2	1	1	2	-	2	1	-	1	-	2	3	2	1	2	-	-	-
BID 804	3	1	2	2	2	1	-	2	2	1	-	2	-	-	-	1	-	-	-	-
BID 805	1	3	1	1	2	1	2	1	2	1	1	-	2	1	2	-	-	-	-	-

DEPARTMENT OF ARCHITECTURE & PLANNING

Course Handout

Course: Drawing Techniques II

Course Code: BID 204, Crédits: 03, Session: 2020-2021 (Even Sem.), Class: BID 1st Year

Faculty Name: Ar. Manish Kumar Chitranshi

FF. Introduction: The course will use a mix of drawings, sketching & hands on exercise. Participants are encouraged to engage in active interaction through classroom participation

GG. Course Outcomes: At the end of the course, students will be able to:

CO1: The drawing techniques and rendering techniques, which would help them to make design more represent- able and readable on paper in two dimensional and three-dimensional spaces.

CO2: The objective of this course is to provide a clear understanding about the drawing techniques and rendering techniques, which would help them to make design more represent- able and readable on paper in two dimensional and three-dimensional space.

HH. Programme Outcomes:

- **PO1. Design Knowledge:** Incorporate a global perspective when making design decisions, based on sustainable, socio-economic, and cultural contexts.
- PO2. Problem Analysis: Apply theories of human behaviour to human-centered design solutions.
- **PO3. Design/Development of Solutions:** Apply the design process to generate creative solutions to complex problems optimizing the human experience within the interior environment. Apply theory, psychology, and methodology of color to designs of the interior environment.
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II. Programme Specific Outcomes:

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- **PSO2.** Demonstrate preparation for global design practice by incorporating cultural norms of user populations and applying that knowledge to design solutions that support globally diverse end users.
- **PSO3.** Demonstrate effective visual, verbal, and written communication.
- **PSO4.** Apply ethical and professional practices.
- **PSO5.** Demonstrate social responsibility by designing sustainable interior environments that support indoor environmental quality and improve the quality of life for occupants.
- **PSO6.** Engage in integrative professional design practice by contributing interior architecture and design expertise to collaborative design teams.

Assessment Plan:

Component of	Description	Code	Weightage
Evaluation			%
Continuous Internal	Mid Term	СТ	10%
Evaluation	Seminar/Quiz/ Assignment	S/Q/A	15%
Attendance	A minimum of 75% Attendance is required to be maintained by a studentto be qualified for taking up the End Semester examination. The allowance of 25% includes all types of leaves including medical leaves.	A	5%
End Semester	End Semester	EE	70%
Examination	(Viva-Voce)		
Total			100%

JJ. Syllabus

Module I: Perspective

Perspective view – one point and two-point, Perspective of Interiors

Module II: Shades and shadows

Shades and shadows / Coloring of Perspective with Rendering, Different material

and mediums of Rendering

Module II: Free hand perspectives

Free hand perspectives.

Examination Scheme:

Components	Attendance	Mid-Term	Assignment	EE
Weightage (%)	5	10	15	70

CT: Class Test, A: Assignment, S/V/Q: Seminar/Exam/Quiz, EE: End Semester Examination; A: Attendance

KK. Suggested Text/Reference Books:

- [1] A VisualDictionary of Architecture, Francis D.K. Ching
- [2] Creative Interiors (Design of Enclosed Space), Shashi Jain
- [3] Interior design illustrated, FrancisD.K.Ching
- [4] Home Plumbing (The David & Charles Manual of), Ernest Hall
- [5] House Book (The Complete Guide to Home Design), Terence Conran
- [6] Architecture: Form, Space and Order, Francis D.K. Ching

References:

- Window Fashion, Charles T. Randall
- Illustration + Perspectives (In Pantone Colors), Eiji Mitooka
- Elements of Architecture, Meiss Pieree Von

Lecture Plan

Lecture	Topics	Mode of Delivery	Correspon ding CO	Mode of Assessing CO
166.	Perspective view - one point and two-point, Perspective of Interiors	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam

167.	Perspective view - one point and two-point,	Lecture	CO1	Mid Term-
	Perspective of Interiors			1, Quiz & End Sem
				Exam
168.	Perspective view - one	Lecture	CO1	Mid Term-
	point and two-point,			1, Quiz &
	Perspective of Interiors			End Sem
				Exam
169.	Perspective view – one point and	Lecture	CO1	Mid Term-
	two-point, Perspective of Interiors			1, Quiz &
				End Sem
				Exam
170.	Perspective view - one	Lecture	CO1	Mid Term-
	point and two-point,			1, Quiz &
	Perspective of Interiors			End Sem
				Exam
171.	Perspective view - one	Lecture	CO1	Mid Term-
	point and two-point,			1, Quiz &
	Perspective of Interiors			End Sem
				Exam
172.	Perspective view – one point and	Lecture	CO1	Mid Term-
	two-point, Perspective of Interiors			1, Quiz &
				End Sem
				Exam
173.	Perspective view – one point and	Lecture	CO1	Mid Term-
	two-point, Perspective of Interiors			1, Quiz &
				End Sem
				Exam
174.	Perspective view – one point and	Lecture	CO1	Mid Term-
	two-point, Perspective of Interiors			1, Quiz &
				End Sem
				Exam
175.	Perspective view – one point and	Lecture	CO1	Mid Term-
	two-point, Perspective of Interiors			1, Quiz &
				End Sem
				Exam
176.	Perspective view – one point and	Lecture	CO1	Mid Term-
	two-point, Perspective of Interiors			1, Quiz &
				End Sem
				Exam
177.	Perspective view – one point and	Lecture	CO1	Mid Term-
	two-point, Perspective of Interiors			1, Quiz &
				End Sem
				Exam
178.	Shades and shadows / Coloring of	Lecture	CO1	Mid Term-
	Perspective with Rendering,			1, Quiz &
	Different material and mediums of			End Sem
	Rendering			Exam
179.	Shades and shadows / Coloring of	Lecture	CO1	Mid Term-
	Perspective with Rendering,			

	Different material and mediums of Rendering			1, Quiz & End Sem
				Exam
180.	Shades and shadows / Coloring of	Lecture	CO1	Mid Term-
	Perspective with Rendering,			1, Quiz &
	Different material and mediums of			End Sem
	Rendering			Exam
181.	Shades and shadows / Coloring of	Lecture	CO1	Mid Term-
	Perspective with Rendering,			1, Quiz &
	Different material and mediums of			End Sem
	Rendering			Exam
182.	Shades and shadows / Coloring of	Lecture	CO1	Mid Term-
	Perspective with Rendering,			1, Quiz &
	Different material and mediums of			End Sem
	Rendering			Exam
183.	Shades and shadows / Coloring of	Lecture	CO1	Mid Term-
	Perspective with Rendering,			1, Quiz &
	Different material and mediums of			End Sem
	Rendering			Exam
184.	Shades and shadows / Coloring of	Lecture	CO1	Mid Term-
10	Perspective with Rendering,	Lectare	001	1, Quiz &
	Different material and mediums of			End Sem
	Rendering			Exam
185.	Shades and shadows / Coloring of	Lecture	CO1	Mid Term-
105.	Perspective with Rendering,	Lecture	601	1, Quiz &
	Different material and mediums of			End Sem
	Rendering			Exam
186.	Shades and shadows / Coloring of	Lecture	CO1	Mid Term-
100.	Perspective with Rendering,	Lectare	001	2, Quiz &
	Different material and mediums of			End Sem
	Rendering			Exam
187.	Shades and shadows / Coloring of	Lecture	CO1	Mid Term-
107.	Perspective with Rendering,	Lecture	601	2, Quiz &
	Different material and mediums of			End Sem
	Rendering			Exam
188.	Shades and shadows / Coloring of	Lecture	CO1	Mid Term-
188.	Perspective with Rendering,	Lecture	(01	2, Quiz &
	Different material and mediums of			End Sem
	Rendering			Exam
189.	Shades and shadows / Coloring of	Lecture	CO1	Mid Term-
103.	Perspective with Rendering,	LECTULE	(01	2, Quiz &
	Different material and mediums of			End Sem
	Rendering			
100	Shades and shadows / Coloring of	Locture	603	Exam Mid Torm
190.	Perspective with Rendering,	Lecture	CO2	Mid Term-
	Different material and mediums of			2, Quiz &
	Rendering			End Sem
404	-	11	602	Exam
191.	Shades and shadows / Coloring of Perspective with Rendering,	Lecture	CO2	Mid Term-
	r erspective with nemuering,			2, Quiz &

	Different material and mediums of Rendering			End Sem Exam
192.	Shades and shadows / Coloring of Perspective with Rendering, Different material and mediums of Rendering	Lecture	CO2	Mid Term- 2, Quiz & End Sem Exam
193.	Shades and shadows / Coloring of Perspective with Rendering, Different material and mediums of Rendering	Lecture	CO2	Mid Term- 2, Quiz & End Sem Exam
194.	Shades and shadows / Coloring of Perspective with Rendering, Different material and mediums of Rendering	Lecture	CO2	Mid Term- 2, Quiz & End Sem Exam
195.	Shades and shadows / Coloring of Perspective with Rendering, Different material and mediums of Rendering	Lecture	CO2	Mid Term- 2, Quiz & End Sem Exam
196.	Free hand perspectives.	Lecture	CO2	Mid Term- 2, Quiz & End Sem Exam
197.	Free hand perspectives.	Lecture	CO2	Mid Term- 2, Quiz & End Sem Exam
198.	Free hand perspectives.	Lecture	CO2	Mid Term- 2, Quiz & End Sem Exam
199.	Free hand perspectives.	Lecture	CO2	Mid Term- 2, Quiz & End Sem Exam
200.	Free hand perspectives.	Lecture	CO2	Mid Term- 2, Quiz & End Sem Exam
201.	Free hand perspectives.	Lecture	CO2	Mid Term- 2, Quiz & End Sem Exam
202.	Free hand perspectives.	Lecture	CO2	Quiz & End Sem Exam
203.	Free hand perspectives.	Lecture	CO2	Quiz & End Sem Exam

204.	Free hand perspectives.	Lecture	CO2	Quiz &
				End Sem
				Exam
205.	Free hand perspectives.	Lecture	CO2	Quiz &
				End Sem
				Exam
206.	Free hand perspectives.	Lecture	CO2	Quiz &
				End Sem
				Exam
207.	Free hand perspectives.	Lecture	CO2	Quiz &
				End Sem
				Exam
208.	Free hand perspectives.	Lecture	CO2	Quiz &
				End Sem
				Exam
209.	Free hand perspectives.	Lecture	CO2	Quiz &
				End Sem
				Exam
210.	Free hand perspectives.	Lecture	CO2	Quiz &
				End Sem
				Exam

LL. Course Articulation Matrix (Mapping of COs with POs)

СО	STATEMENT		COF	RREL		N W			GRA	MM	E				RELAT GRAM		/ITH	
														SPEC	IFIC C	UTCO	MES	
		Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	PS	PS	PS	PS	PS
		0	0	0	0	0	0	0	0	0	0	0		01	02	О3	04	05
		1	2	3	4	5	6	7	8	9	1	1	1 2					
CO 01	techniques and rendering techniques, which would help them to make design more represent- able and readable on paper in two dimensional and three-dimensional spaces.	1	3	1	-	-	-	-	1	1	-	-	2	-	1	1	1	
CO 02	The objective of this course is to provide a clear understanding about the drawing techniques and rendering																	

techniques, which									
would help them to									
make design more									
represent- able and									
readable on paper in									
two dimensional and									
three-dimensional									
space.									

Sample Question Paper

	•	School of Archited -SEMESTER (SEM		•			
		Class: BID II Se	mester				
Subject Name: BID Drawing Technique		Time: 2 Hrs			Ma	x. Marks: 10)
Levels of the questions as per Blooms Taxonomy	Remembering	Understanding	Applying	Analyz	zing	Evaluating	Creating
Question Mapping	Q.1,4	Q.2,3	Q.4	Q.2,5,	6		

Student will be able to

CO1: List the broad perceptive of cloud architecture and model.

CO2: Apply different cloud programming models as per need.

CO Map	Question No.	Question	Marks
CO1	Q.1	Explain in brief the cloud computing concept.	3
CO1	Q.2a	What are the essential characteristics of cloud computing?	3
	Q.2b	How is cloud computing requirements and cloud servicerequirement services related to each other?	3
CO1	Q.3	Sketch NIST Cloud Computing Reference Architecture and depictits elements	6
CO3	Q.4	Explain the significance of Cloud Reference Model	3
CO3	Q.5a	Elaborate different cloud types with example.	3
COS	Q.5b	Write characteristics of private cloud.	3
CO3	Q 6	How virtualization is applied in cloud computing scenario?	6

Attainments		Rubric
Level	1	IF 60% of students secure more than 60% marks then level 1
Level	2	IF 70% of students secure more than 60% marks then level 2
Level	3	IF 80% of students secure more than 60% marks then level 3

Course outcome: Based on internal and external assessment the level of Course outcome attainment of the course BID/Course code BID 204 is level 2 for the academic year 2020-2021.



AMITY UNIVERSITY MADHYA PRADESH, GWALIOR AMITY SCHOOL OF ARCHITECTURE AND PLANNING DEPARTMENT OF ARCHITECTURE AND PLANNING

PROGRAMME OUTCOMES AND PROGRAMME SPECIFIC OUTCOMES Bachelor of Interior Design (BID), Academic Year – 2020-2021

Program Outcomes:

- **PO1. Design Knowledge:** Incorporate a global perspective when making design decisions, based on sustainable, socio-economic, and cultural contexts.
- **PO2. Problem Analysis:** Apply theories of human behaviour to human-centered design solutions.
- **PO3.** Design/Development of Solutions: Apply the design process to generate creative solutions to complex problems optimizing the human experience within the interior environment. Apply theory, psychology, and methodology of color to designs of the interior environment.
- **PO4. Individual and Team Work:** Collaborate in multi-disciplinary teams respecting a variety of points of view and perspectives that enrich the process and product of the team.
- **PO5. Communication:** Communicate complex ideas clearly to specialists and non-specialists through appropriate oral, written, and representational media.
- **PO6. Life Long Learning:** Exemplify accepted standards of professionalism and business practice including a commitment to engage in lifelong learning.
- **PO7. Context and Society:** Analyze interiors, architecture, the decorative arts, and art within a historical and cultural context to inform contemporary design solutions that relate with the society for whom the design solution is to be provided.
- **PO8. Synthesis of Concepts:** Synthesize theories and concepts of spatial definition and organization into multi-dimensional design solutions.
- **PO9. Modern Technique usage:** Specify furniture, fixtures, and equipment's of finish materials to meet the design criteria for a variety of interior spaces.
- **PO10. Environment and Sustainability:** Apply principles of lighting, acoustics, thermal comfort, and indoor air quality as required to enhance the health, safety, welfare, and performance of building occupants for overall sustainable development of the individuals.
- **PO11. Ethics:** Comply with laws, codes, and standards that impact fire safety and life safety.

PO12. Project/Construction Management: Produce construction drawings and documents using industry standards for a variety of interior spaces. Employ environment-behaviour research methodologies to address open-ended problems in interior design.

Program Specific Outcome:

As part of the school's charter and mission, Amity School of Architecture and Planning is providing a vibrant planning environment, ensuring its under-graduates are not only valued by the planning practice, but are also able to:

PSO1. Demonstrate critical thinking as they identify, analyze, and solve interior architecture and design problems through completion of interior design studio projects. Apply creative and critical thinking to solve interior environment problems from a human-cantered approach and apply this knowledge to design solutions.

PSO2. Demonstrate preparation for global design practice by incorporating cultural norms of user populations and applying that knowledge to design solutions that support globally diverse end users.

PSO3. Demonstrate effective visual, verbal, and written communication.

PSO4. Apply ethical and professional practices.

PSO5. Demonstrate social responsibility by designing sustainable interior environments that support indoor environmental quality and improve the quality of life for occupants.

PSO6. Engage in integrative professional design practice by contributing interior architecture and design expertise to collaborative design teams.

Note: - Correlation levels 1, 2 and 3 as defined below:

1: Slight (Low), 2: Moderate (Medium) and 3: Substantial (High)

If there is no correlation, put "-"

						P	ROG	RAN	1ME	ARTI	CULA	TIOI	N MA	ATRIX	(
SEM	SUBJECT CODE	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12	PO 13	PO 14	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5	PSO 6
	BID101	3	3	3	3	2	1	2	3	3	1	1	3	3	1	3	3	-	-	2	-
	BID102	2	2	3	2	2	1	-		1	2	2	2	-	1	1	3	-	-	-	-
	BID103	2	2	1	-	3	1	2	3	3	2	1	1	2	2	3	3	1	-	-	-
- 1	BID104	1	1	1	2	-	-	-	2	-	-	-	2	-	-	1	1	-	-	-	-
	BID105	3	2	3	2	1	1	2	3	1	2	-	3	-	1	3	3	-	-	2	-
	BID106	-	1	-	-	-	-	3	2	-	-	-	-	-	1	1	1	-	-	-	-
	BID107	3	2	3	3	1	1	3	-	3	3	-	3	2	3	3	3	3	-	-	-
	BID201	3	2	3	3	2	2	2	3	3	1	1	3	3	1	3	3	-	-	2	-
	BID202	3	-	3	2	2	2	-	1	1	1	3	3	2	1	1	2	-	-	-	-
	BID203	2	2	1	1	3	2	2	3	3	2	1	2	2	1	3	3	1	-	2	-
П	BID204	1	3	1	-	-	-	-	1	1	-	-	2	-	1	1	1	-	-	-	-
	BID205	1	-	3	3	1	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-
	BID206	1	1	-	-	-	-	3	3	3	-	-	-	-	-	1	3	-	-	-	-
	BID207	3	-	1	3	1	1	-	1	3	3	3	3	3	3	3	3	3	-	-	-
	BID301	3	3	3	3	2	2	2	3	3	1	1	2	3	1	3	3	-	-	2	-
	BID302	2	-	3	2	2	2	-	1	1	1	2	2	2	1	1	1	-	-	-	-
	BID303	2	2	2	2	-	3	2	-	1	-	-	-	2	-	1	1	-	-	-	-
Ш	BID304	3	3	-	-	3	-	-	3	3	-	-	-	-	-	1	1	-	-	-	-
	BID305	1	-	3	3	1	2	-	-	-	-	-	-	-	-	1	-	-	-	-	-
	BID306	1	1	-	-	2	-	3	3	3	-	-	-	-	-	-	-	-	-	-	-
	BID307	1	3	1	-	3	-	-	3	3	-	-	-	-	3	-	-	-	-	2	-
	BID401	3	3	3	3	2	2	2	3	3	2	1	2	3	1	3	3	-	-	2	-
	BID402	2	1	3	2	2	2	-	1	-	2	1	2	3	1	1	1	-	-	2	-
	BID403	2	2	2	3	1	2	1	1	-	-	-	-	2	-	3	1	-	-	2	-
IV	BID404	3	-	2	3	1	2	1	1	-	1	2	2	2	-	1	1	-	-	2	-
	BID405	3	1	1	1	1	1	-	3	3	3	2	2	1	1	3	3	-	-	-	-
	BID406	3	3	3	3	3	2	3	2	3	3	2	3	-	-	1	3	-	-	2	-
	BID407	3	2	3	3	2	2	2	2	3	3	-	-	-	1	1	3	-	-	-	-
	BID501	3	3	3	3	2	2	2	3	3	3	1	2	3	1	3	1	-	-	2	-
	BID502	2	1	3	2	2	2	1	1	-	1	1	2	3	1	1	1	-	-	-	-
V	BID503	2	1	2	3	-	3	1	1	-	-	3	-	2	3	3	1	-	-	2	-
V	BID504	2	1	1	3	-	3	-	-	-	-	3	-	2	3	3	1	-	-	2	-
	BID505	1	1	-	-	1	-	3	3	3	-	-	1	-	3	1	1	3	-	-	-
	BID506	3	3	3	3	2	2	3	3	2	3	3	3	3	1	3	3	-	-	2	-
	BID601	3	3	3	3	2	2	2	3	3	3	3	1	3	1	3	3	-	-	2	-
	BID602	1	-	3	3	2	2	2	3	3	-	2	1	-	-	3	3	3	-	-	-
	BID603	3	3	2	2	1	1	1	3	3	1	2	2	2	3	3	3	-	-	-	-
VI	BID604	3	2	3	3	2	2	2	3	3	3	2	3	3	-	3	3	-	-	2	-
	BID605	2	-	1	3	-	-	-	-	-	-	-	-	-	3	3	-	-	-	-	-
	BID606	3	2	3	3	1	2	2	3	3	-	3	-	-	-	3	2	-	-	-	-
	BID607	2	3	3	3	1	2	2	3	3	1	-	-	-	3	3	2	-	-	-	-
VII	BID701	3	3	3	3	2	3	ı	3	2	1	-	3	3	3	3	ı	-	-	2	-
VIII	BID 801	3	3	3	3	2	2	2	3	3	1	3	2	3	3	3	3	-	-	2	-

			i						i											
BID 802	-	-	-	-	1	1	-	1	-	-	-	-	3	3	2	3	3	3	-	3
BID 803	1	-	2	1	1	2	-	2	1	-	1	-	2	3	2	1	2	-	-	-
BID 804	3	1	2	2	2	1	-	2	2	1	-	2	-	-	-	1	-	-	-	-
BID 805	1	3	1	1	2	1	2	1	2	1	1	-	2	1	2	-	-	-	-	-

DEPARTMENT OF ARCHITECTURE & PLANNING

Course Handout

Course: Computer Applications - I

Course Code: BID 205, Crédits: 02, Session: 2020-2021 (Even Sem.), Class: BID 1st Year

Faculty Name: Ar. Manish Kumar Chitranshi

MM. Introduction: The course will use a mix of computer drawings and tutorial. Participants are encouraged to engage in active interaction through classroom participation.

NN. Course Outcomes: At the end of the course, students will be able to:

CO1: Students should be able to make drawings by using various computer hardware and software used in interior designing.

CO2: The objective of the course is to provide knowledge about the various computer and software used in interior designing.

OO. Programme Outcomes:

- **PO1. Design Knowledge:** Incorporate a global perspective when making design decisions, based on sustainable, socio-economic, and cultural contexts.
- **PO2. Problem Analysis:** Apply theories of human behaviour to human-centered design solutions.
- **PO3. Design/Development of Solutions:** Apply the design process to generate creative solutions to complex problems optimizing the human experience within the interior environment. Apply theory, psychology, and methodology of color to designs of the interior environment.
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- **PO10.** Environment and Sustainability: Apply principles of lighting, acoustics, thermal comfort, and indoor air quality as required to enhance the health, safety, welfare, and performance of building occupants for overall sustainable development of the individuals.
- **PO11. Ethics:** Comply with laws, codes, and standards that impact fire safety and life safety.
- **PO12. Project/Construction Management:** Produce construction drawings and documents using industry standards for a variety of interior spaces. Employ environment-behaviour research methodologies to address open-ended problems in interior design.

PP. Programme Specific Outcomes:

As part of the school's charter and mission, Amity School of Architecture and Planning is providing a vibrant planning environment, ensuring its under-graduates are not only valued by the planning practice, but are also able to:

- **PSO1.** Demonstrate critical thinking as they identify, analyze, and solve interior architecture and design problems through completion of interior design studio projects. Apply creative and critical thinking to solve interior environment problems from a human-cantered approach and apply this knowledge to design solutions.
- **PSO2.** Demonstrate preparation for global design practice by incorporating cultural norms of user populations and applying that knowledge to design solutions that support globally diverse end users.
- **PSO3.** Demonstrate effective visual, verbal, and written communication.
- **PSO4.** Apply ethical and professional practices.
- **PSO5.** Demonstrate social responsibility by designing sustainable interior environments that support indoor environmental quality and improve the quality of life for occupants.
- **PSO6.** Engage in integrative professional design practice by contributing interior architecture and design expertise to collaborative design teams.

Assessment Plan:

Component of	Description	Code	Weightage
Evaluation			%
Continuous Internal	Mid Term	СТ	10%
Evaluation	Seminar/Quiz/ Assignment	S/Q/A	15%
Attendance	A minimum of 75% Attendance is required to be maintained by a studentto be qualified for taking up the End Semester examination. The allowance of 25% includes all types of leaves including medical leaves.	A	5%
End Semester	End Semester	VV	70%
Examination	(Viva-Voce)		
Total			100%

QQ. Syllabus

Module I: Introduction

Two-dimensional drafting work to be handled in detail on Auto Cad. Complete Drafting, Editing and modification work to be done and presentations be made

Module II: Shapes and Figures

Introduction to Auto CAD for making simple figures and shapes, Introduction to Coral Draw and Photoshop software and their application.

Module III: : Use of photo editing Software

Photo editing as well as preparation of 2-D presentations on Photoshop/ Corel Draw.

Examination Scheme:

Components	Attendance	Mid-Term	Assignment	VV
Weightage (%)	5	10	15	70

CT: Class Test, A: Assignment, S/V/Q: Seminar/Exam/Quiz, EE: End Semester Examination; A: Attendance

RR. Suggested Text/Reference Books:

- 1] A Visual Dictionary of Architecture, Francis D.K. Ching
- [2] Creative Interiors (Design of Enclosed Space), Shashi Jain
- [3] Computers in Interior Design, A.K. Sinha

References:

• Architecture and computer

Lecture Plan

Lecture	Topics	Mode of Delivery	Correspon ding CO	Mode of Assessing CO
211.	Two-dimensional drafting work to be handled in detail on Auto Cad. Complete Drafting, Editing and modification work to be done and presentations be made.	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
212.	Two-dimensional drafting work to be handled in detail on Auto Cad. Complete Drafting, Editing and modification work to be done and presentations	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam

	be made.			
213.	Two-dimensional drafting work to be handled in detail on Auto Cad. Complete Drafting, Editing	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
	and modification work to be done and presentations be made.			
214.	Two-dimensional drafting work to be handled in detail on Auto Cad. Complete Drafting, Editing and modification work to be done and presentations be made.	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
215.	Two-dimensional drafting work to be handled in detail on Auto Cad. Complete Drafting, Editing and modification work to be done and presentations be made.	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
216.	Two-dimensional drafting work to be handled in detail on Auto Cad. Complete Drafting, Editing and modification work to be done and presentations be made.	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
217.	Two-dimensional drafting work to be handled in detail on Auto Cad. Complete Drafting, Editing and modification work to be done and presentations be made.	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
218.	Two-dimensional drafting work to be handled in detail on Auto Cad. Complete Drafting, Editing and modification work to be done and presentations be made.	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
219.	Two-dimensional drafting work to be handled in detail on Auto Cad. Complete Drafting, Editing and modification work to be done and presentations be made.	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
220.	Two-dimensional drafting work to be handled in detail on Auto Cad. Complete Drafting, Editing and modification work to be done and presentations be made.	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
221.	Introduction to Auto CAD for making simple figures and shapes, Introduction to Coral Draw and Photoshop software and their application.	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
222.	Introduction to Auto CAD for making simple figures and shapes, Introduction to Coral Draw and	Lecture	CO1	Mid Term- 1, Quiz & End Sem

	Photoshop software and their application.			Exam
223.	Introduction to Auto CAD for making simple figures and shapes, Introduction to Coral Draw and Photoshop software and their application.	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
224.	Introduction to Auto CAD for making simple figures and shapes, Introduction to Coral Draw and Photoshop software and their application.	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
225.	Introduction to Auto CAD for making simple figures and shapes, Introduction to Coral Draw and Photoshop software and their application.	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
226.	Introduction to Auto CAD for making simple figures and shapes, Introduction to Coral Draw and Photoshop software and their application.	Lecture	CO2	Mid Term- 1, Quiz & End Sem Exam
227.	Introduction to Auto CAD for making simple figures and shapes, Introduction to Coral Draw and Photoshop software and their application.	Lecture	CO2	Mid Term- 1, Quiz & End Sem Exam
228.	Introduction to Auto CAD for making simple figures and shapes, Introduction to Coral Draw and Photoshop software and their application.	Lecture	CO2	Mid Term- 1, Quiz & End Sem Exam
229.	Introduction to Auto CAD for making simple figures and shapes, Introduction to Coral Draw and Photoshop software and their application.	Lecture	CO2	Mid Term- 1, Quiz & End Sem Exam
230.	Introduction to Auto CAD for making simple figures and shapes, Introduction to Coral Draw and Photoshop software and their application.	Lecture	CO2	Mid Term- 1, Quiz & End Sem Exam
231.	Photo editing as well as preparation of 2-D presentations on Photoshop/ Corel Draw	Lecture	CO2	Mid Term- 2, Quiz & End Sem Exam
232.	Photo editing as well as preparation of 2-D presentations on Photoshop/ Corel Draw	Lecture	CO2	Mid Term- 2, Quiz & End Sem Exam
233.	Photo editing as well as preparation of 2-D presentations on Photoshop/ Corel Draw	Lecture	CO2	Mid Term- 2, Quiz & End Sem Exam

234.	Photo editing as well as preparation of 2-D presentations on Photoshop/ Corel Draw	Lecture	CO2	Mid Term- 2, Quiz & End Sem Exam
235.	Photo editing as well as preparation of 2-D presentations on Photoshop/ Corel Draw	Lecture	CO2	Mid Term- 2, Quiz & End Sem Exam
236.	Photo editing as well as preparation of 2-D presentations on Photoshop/ Corel Draw	Lecture	CO2	Mid Term- 2, Quiz & End Sem Exam
237.	Photo editing as well as preparation of 2-D presentations on Photoshop/ Corel Draw	Lecture	CO2	Mid Term- 2, Quiz & End Sem Exam
238.	Photo editing as well as preparation of 2-D presentations on Photoshop/ Corel Draw	Lecture	CO2	Mid Term- 2, Quiz & End Sem Exam
239.	Photo editing as well as preparation of 2-D presentations on Photoshop/ Corel Draw	Lecture	CO2	Mid Term- 2, Quiz & End Sem Exam
240.	Photo editing as well as preparation of 2-D presentations on Photoshop/ Corel Draw	Lecture	CO2	Mid Term- 2, Quiz & End Sem Exam

SS. Course Articulation Matrix (Mapping of COs with POs)

СО	STATEMENT		CORRELATION WITH PROGRAMME OUTCOMES						CORRELATION WITH PROGRAMME SPECIFIC OUTCOMES									
		P O 1	P O 2	P O 3	P O 4	P O 5	P O 6	P O 7	P O 8	P O 9	P O 1	P O 1		PS O1	PS O2	PS O3	PS 04	PS 05
CO 01	Students should be able to make drawings by using various computer hardware and software used in interior designing.	-	-	3	3	1	1	2	-	-	-	-	-	-	-	-	_	-

CO 02	The objective of the										l
	course is to provide										l
	knowledge about										l
	the various										l
	computer and										l
	software used in										l
	interior designing.										l

Sample Question Paper

Amity School of Architecture & Planning I MID-SEMESTER (SEM –II) 2020-2021									
Class: BID II Semester									
Subject Name: BID Computer Applica		Time: 2 Hrs			Max. Marks: 10				
Levels of the questions as per Blooms Taxonomy	Remembering	Understanding	Applying	Analyz	ing	Evaluating	Creating		
Question Mapping	Q.1,4	Q.2,3	Q.4	Q.2,5,0	6				

Student will be able to

CO1: List the broad perceptive of cloud architecture and model.

CO2: Apply different cloud programming models as per need.

00 = 17 tp p 17 cm		8	г
CO Map	Question No.	Question	Marks
CO1	Q.1	Explain in brief the cloud computing concept.	3
CO1	Q.2a	What are the essential characteristics of cloud computing?	3
	Q.2b	How is cloud computing requirements and cloud servicerequirement services related to each other?	3
CO1	Q.3	Sketch NIST Cloud Computing Reference Architecture and depictits elements	6
CO2	Q.4	Explain the significance of Cloud Reference Model	3
603	Q.5a	Elaborate different cloud types with example.	3
CO2	Q.5b	Write characteristics of private cloud.	3
CO2	Q6	How virtualization is applied in cloud computing scenario?	6

Attainments		Rubric
Level	1	IF 60% of students secure more than 60% marks then level 1
Level	2	IF 70% of students secure more than 60% marks then level 2
Level	3	IF 80% of students secure more than 60% marks then level 3

Course outcome: Based on internal and external assessment the level of Course outcome attainment of the course BID/Course code BID 205 is level 3 for the academic year 2020-2021.



AMITY UNIVERSITY MADHYA PRADESH, GWALIOR AMITY SCHOOL OF ARCHITECTURE AND PLANNING DEPARTMENT OF ARCHITECTURE AND PLANNING

PROGRAMME OUTCOMES AND PROGRAMME SPECIFIC OUTCOMES Bachelor of Interior Design (BID), Academic Year – 2020-2021

Program Outcomes:

- **PO1. Design Knowledge:** Incorporate a global perspective when making design decisions, based on sustainable, socio-economic, and cultural contexts.
- **PO2. Problem Analysis:** Apply theories of human behaviour to human-centered design solutions.
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PSO2. Demonstrate preparation for global design practice by incorporating cultural norms of user populations and applying that knowledge to design solutions that support globally diverse end users.

PSO3. Demonstrate effective visual, verbal, and written communication.

PSO4. Apply ethical and professional practices.

PSO5. Demonstrate social responsibility by designing sustainable interior environments that support indoor environmental quality and improve the quality of life for occupants.

PSO6. Engage in integrative professional design practice by contributing interior architecture and design expertise to collaborative design teams.

Note: - Correlation levels 1, 2 and 3 as defined below:

1: Slight (Low), 2: Moderate (Medium) and 3: Substantial (High)

If there is no correlation, put "-"

						P	ROG	RAN	1ME	ARTI	CULA	TIOI	N MA	ATRIX	(
SEM	SUBJECT CODE	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12	PO 13	PO 14	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5	PSO 6
	BID101	3	3	3	3	2	1	2	3	3	1	1	3	3	1	3	3	-	-	2	-
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	BID103	2	2	1	-	3	1	2	3	3	2	1	1	2	2	3	3	1	-	-	-
- 1	BID104	1	1	1	2	-	-	-	2	-	-	-	2	-	-	1	1	-	-	-	-
	BID105	3	2	3	2	1	1	2	3	1	2	-	3	-	1	3	3	-	-	2	-
	BID106	-	1	-	-	-	-	3	2	-	-	-	-	-	1	1	1	-	-	-	-
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	BID205	1	-	3	3	1	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-
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VII	BID701	3	3	3	3	2	3	1	3	2	1	-	3	3	3	3	ı	-	-	2	-
VIII	BID 801	3	3	3	3	2	2	2	3	3	1	3	2	3	3	3	3	-	-	2	-

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BID 802	-	-	-	-	1	1	-	1	-	-	-	-	3	3	2	3	3	3	-	3
BID 803	1	-	2	1	1	2	-	2	1	-	1	-	2	3	2	1	2	-	-	-
BID 804	3	1	2	2	2	1	-	2	2	1	-	2	-	-	-	1	-	-	-	-
BID 805	1	3	1	1	2	1	2	1	2	1	1	-	2	1	2	-	-	-	-	-

DEPARTMENT OF ARCHITECTURE & PLANNING

Course Handout

Course: : History of Interior Design – II

Course Code: BID 206, Crédits: 02, Session: 2020-2021 (Even Sem.), Class: BID 1st Year

Faculty Name: Ar. Manish Kumar Chitranshi

TT. Introduction: The course will use a mix of presentation, sketching and case study. Participants are encouraged to engage in active interaction through classroom participation

UU. Course Outcomes: At the end of the course, students will be able to:

CO1: Familiarize with the different culture, society, and their style of living, which affects the internal part of their buildings over different periods.

CO2: The objective of the course is to introduce the students with the changes occurred in the past with the time. Familiarize with the different culture, society and their style of living, which effects the internal part of their buildings over different periods.

VV.Programme Outcomes:

- **PO1. Design Knowledge:** Incorporate a global perspective when making design decisions, based on sustainable, socio-economic, and cultural contexts.
- **PO2. Problem Analysis:** Apply theories of human behaviour to human-centered design solutions.
- **PO3. Design/Development of Solutions:** Apply the design process to generate creative solutions to complex problems optimizing the human experience within the interior environment. Apply theory, psychology, and methodology of color to designs of the interior environment.
- **PO4. Individual and Team Work:** Collaborate in multi-disciplinary teams respecting a variety of points of view and perspectives that enrich the process and product of the team.
- **PO5. Communication:** Communicate complex ideas clearly to specialists and non-specialists through appropriate oral, written, and representational media.
- **PO6. Life Long Learning:** Exemplify accepted standards of professionalism and business practice including a commitment to engage in lifelong learning.
- **PO7. Context and Society:** Analyze interiors, architecture, the decorative arts, and art within a historical and cultural context to inform contemporary design solutions that relate with the society for whom the design solution is to be provided.
- **PO8. Synthesis of Concepts:** Synthesize theories and concepts of spatial definition and organization into multi-dimensional design solutions.
- PO9. Modern Technique usage: Specify furniture, fixtures, and equipment's of finish materials to

meet the design criteria for a variety of interior spaces.

- **PO10.** Environment and Sustainability: Apply principles of lighting, acoustics, thermal comfort, and indoor air quality as required to enhance the health, safety, welfare, and performance of building occupants for overall sustainable development of the individuals.
- **PO11. Ethics:** Comply with laws, codes, and standards that impact fire safety and life safety.
- **PO12. Project/Construction Management:** Produce construction drawings and documents using industry standards for a variety of interior spaces. Employ environment-behaviour research methodologies to address open-ended problems in interior design.

WW. Programme Specific Outcomes:

As part of the school's charter and mission, Amity School of Architecture and Planning is providing a vibrant planning environment, ensuring its under-graduates are not only valued by the planning practice, but are also able to:

- **PSO1.** Demonstrate critical thinking as they identify, analyze, and solve interior architecture and design problems through completion of interior design studio projects. Apply creative and critical thinking to solve interior environment problems from a human-cantered approach and apply this knowledge to design solutions.
- **PSO2.** Demonstrate preparation for global design practice by incorporating cultural norms of user populations and applying that knowledge to design solutions that support globally diverse end users.
- **PSO3.** Demonstrate effective visual, verbal, and written communication.
- **PSO4.** Apply ethical and professional practices.
- **PSO5.** Demonstrate social responsibility by designing sustainable interior environments that support indoor environmental quality and improve the quality of life for occupants.
- **PSO6.** Engage in integrative professional design practice by contributing interior architecture and design expertise to collaborative design teams.

Assessment Plan:

Component of	Description	Code	Weightage
Evaluation			%
Continuous Internal	Mid Term	СТ	10%
Evaluation	Seminar/Quiz/ Assignment	S/Q/A	15%
Attendance	A minimum of 75% Attendance is required to be maintained by a studentto be qualified for taking up the End Semester examination. The allowance of 25% includes all types of leaves including medical leaves.	A	5%
End Semester	End Semester	EE	70%

Examination	(Viva-Voce)	
Total		100%

XX. Syllabus

Module I: THE DARK AGES

Early Christian ,Byzantine ,Romanesque ,Gothic interiors

Module II: ISLAMIC AND ASIAN TRADITION

Mosque ,Palaces ,Islamic influence in India ,Japanese and Chinese interiors .

Module III: : RENAISSANCE

Early renaissance, High renaissance, Mannerism

,Baroque and Rococo

Examination Scheme:

Components	Attendance	Mid-Term	Assignment	EE
Weightage (%)	5	10	15	70

CT: Class Test, A: Assignment, S/V/Q: Seminar/Exam/Quiz, EE: End Semester Examination; A: Attendance

YY. Suggested Text/Reference Books:

- [1] The History of Arch. in India, Chrictophes Tadgell
- [2] Interior design&space planning, Dechiara Pabero Zelnik
- [3] Interior design illustrated, Francis D.K. Ching

References:

- Islamic Architecture in Interior, Satish Grover
- The BestInterior India, Anuradha Mahindra
- Indian Interior, Angelika Taschen

Lecture Plan

Lecture	Topics	Mode of Delivery	Correspon ding CO	Mode of Assessing CO
241.	Early Christian ,Byzantine ,Romanesque ,Gothic interiors	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
242.	Early Christian ,Byzantine ,Romanesque ,Gothic interiors	Lecture	CO1	Mid Term- 1, Quiz & End Sem

				Exam
243.	Early Christian ,Byzantine	Lecture	CO1	Mid Term-
	,Romanesque ,Gothic			1, Quiz &
	interiors			End Sem
				Exam
244.	Early Christian ,Byzantine	Lecture	CO1	Mid Term-
	,Romanesque ,Gothic interiors			1, Quiz &
				End Sem
				Exam
245.	Early Christian ,Byzantine	Lecture	CO1	Mid Term-
243.	,Romanesque ,Gothic	Lecture	601	1, Quiz &
	interiors			End Sem
				Exam
246.	Early Christian ,Byzantine	Lecture	CO1	Mid Term-
240.	,Romanesque ,Gothic	Lecture	(01	
	interiors			1, Quiz &
				End Sem
				Exam
247.	Early Christian ,Byzantine	Lecture	CO1	Mid Term-
	,Romanesque ,Gothic interiors			1, Quiz &
				End Sem
				Exam
248.	Early Christian ,Byzantine	Lecture	CO1	Mid Term-
	,Romanesque ,Gothic interiors			1, Quiz &
				End Sem
				Exam
249.	Early Christian ,Byzantine	Lecture	CO1	Mid Term-
	,Romanesque ,Gothic interiors			1, Quiz &
				End Sem
				Exam
250.	Mosque ,Palaces ,Islamic influence	Lecture	CO1	Mid Term-
	in India ,Japanese and Chinese			1, Quiz &
	interiors .			End Sem
				Exam
251.	Mosque ,Palaces ,Islamic influence	Lecture	CO1	Mid Term-
231.	in India ,Japanese and Chinese	Lecture	601	1, Quiz &
	interiors .			End Sem
				Exam
252.	Mosque ,Palaces ,Islamic influence	Locturo	CO1	Mid Term-
252.	in India ,Japanese and Chinese	Lecture	101	
	interiors .			1, Quiz &
				End Sem
252				Exam
253.	Mosque ,Palaces ,Islamic influence	Lecture	CO1	Mid Term-
	in India ,Japanese and Chinese interiors .			1, Quiz &
	interiors.			End Sem
				Exam
254.	Mosque ,Palaces ,Islamic influence	Lecture	CO1	Mid Term-
	in India ,Japanese and Chinese			1, Quiz &
	interiors .			End Sem
				Exam

255.	Mosque ,Palaces ,Islamic influence	Lecture	CO1	Mid Term-
	in India ,Japanese and Chinese			1, Quiz &
	interiors .			End Sem
				Exam
256.	Mosque ,Palaces ,Islamic influence	Lecture	CO2	Mid Term-
	in India ,Japanese and Chinese			1, Quiz &
	interiors .			End Sem
				Exam
257.	Mosque ,Palaces ,Islamic influence	Lecture	CO2	Mid Term-
	in India ,Japanese and Chinese			1, Quiz &
	interiors .			End Sem
				Exam
258.	Mosque ,Palaces ,Islamic influence	Lecture	CO2	Mid Term-
	in India ,Japanese and Chinese			1, Quiz &
	interiors .			End Sem
				Exam
259.	Early renaissance ,High	Lecture	CO2	Mid Term-
	renaissance ,Mannerism			1, Quiz &
	·			End Sem
				Exam
260.	,Baroque and Rococo	Lecture	CO2	Mid Term-
200.	, baroque and Rococo	Lecture	CO2	1, Quiz &
				End Sem
261.	Forth renaissance High	Lookiiio	CO2	Exam
201.	Early renaissance ,High renaissance ,Mannerism	Lecture	CO2	Mid Term-
	Terraissance , warmensm			2, Quiz & End Sem
262.	Donosius and Donosis	Lastina	602	Exam
262.	,Baroque and Rococo	Lecture	CO2	Mid Term-
				2, Quiz &
				End Sem
2.52				Exam
263.	Early renaissance ,High	Lecture	CO2	Mid Term-
	renaissance ,Mannerism			2, Quiz &
				End Sem
				Exam
264.	,Baroque and Rococo	Lecture	CO2	Mid Term-
				2, Quiz &
				End Sem
				Exam
265.	Early renaissance ,High	Lecture	CO2	Mid Term-
	renaissance ,Mannerism			2, Quiz &
				End Sem
				Exam
266.	,Baroque and Rococo	Lecture	CO2	Mid Term-
				2, Quiz &
				End Sem
				Exam
267.	Early renaissance ,High	Lecture	CO2	Mid Term-
	renaissance ,Mannerism	<u> </u>		

				2, Quiz & End Sem Exam
268.	,Baroque and Rococo	Lecture	CO2	Mid Term- 2, Quiz & End Sem Exam
269.	Early renaissance ,High renaissance ,Mannerism	Lecture	CO2	Mid Term- 2, Quiz & End Sem Exam
270.	,Baroque and Rococo	Lecture	CO2	Mid Term- 2, Quiz & End Sem Exam

ZZ. Course Articulation Matrix (Mapping of COs with POs)

СО	STATEMENT		COF	RREL		N W		PRO ES	GRA	MMI	Ē			PRO	RELAT GRAM CIFIC O	ME		
		P O 1	P O 2	P O 3	P O 4	P O 5	P O 6	P O 7	P O 8	P O 9	P O 1	P O 1	0 1	PS O1	PS O2	PS O3	PS 04	PS 05
	: Familiarize with the different culture, society, and their style of living, which affects the internal part of their buildings over different periods.		1	-	-	-	-	3	3	3	-	-	-	-	-	1	3	-
CO 02	The objective of the course is to introduce the students with the changes occurred in the past with the time. Familiarize with the different culture, society and their style of living, which effects the internal part of their buildings over different periods.																	

Sample Question Paper

Amity School of Architecture & Planning I MID-SEMESTER (SEM -II) 2020-2021 Class: BID II Semester Subject Name: BID 205 Time: 2 Hrs Max. Marks: 10 History of interior design - II Analyzing Levels of the Remembering Understanding **Applying** Evaluating Creating questions as per Blooms Taxonomy

Q.4

Q.2,5,6

Student will be able to

Question

Mapping

CO1: List the broad perceptive of cloud architecture and model.

Q.2,3

CO2: Apply different cloud programming models as per need.

Q.1,4

СО Мар	Question No.	Question	Marks
CO1	Q.1	Explain in brief the cloud computing concept.	3
CO1	Q.2a	What are the essential characteristics of cloud computing?	3
	Q.2b	How is cloud computing requirements and cloud servicerequirement services related to each other?	3
CO1	Q.3	Sketch NIST Cloud Computing Reference Architecture and depictits elements	6
CO2	Q.4	Explain the significance of Cloud Reference Model	3
CO2	Q.5a	Elaborate different cloud types with example.	3
CO2	Q.5b	Write characteristics of private cloud.	3
CO2	Q 6	How virtualization is applied in cloud computing scenario?	6

Attainments	Rubric

Level	1	IF 60% of students secure more than 60% marks then level 1
Level	2	IF 70% of students secure more than 60% marks then level 2
Level	3	IF 80% of students secure more than 60% marks then level 3

Course outcome: Based on internal and external assessment the level of Course outcome attainment of the course BID /Course code BID 206 is level 2 for the academic year 2020-2021.



AMITY UNIVERSITY MADHYA PRADESH, GWALIOR AMITY SCHOOL OF ARCHITECTURE AND PLANNING DEPARTMENT OF ARCHITECTURE AND PLANNING

PROGRAMME OUTCOMES AND PROGRAMME SPECIFIC OUTCOMES Bachelor of Interior Design (BID), Academic Year – 2020-2021

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PSO6. Engage in integrative professional design practice by contributing interior architecture and design expertise to collaborative design teams.

Note: - Correlation levels 1, 2 and 3 as defined below:

1: Slight (Low), 2: Moderate (Medium) and 3: Substantial (High)

If there is no correlation, put "-"

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- 1	BID104	1	1	1	2	-	-	-	2	-	-	-	2	-	-	1	1	-	-	-	-
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	BID303	2	2	2	2	-	3	2	-	1	-	-	-	2	-	1	1	-	-	-	-
Ш	BID304	3	3	-	-	3	-	-	3	3	-	-	-	-	-	1	1	-	-	-	-
	BID305	1	-	3	3	1	2	-	-	-	-	-	-	-	-	1	-	-	-	-	-
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	BID403	2	2	2	3	1	2	1	1	-	-	-	-	2	-	3	1	-	-	2	-
IV	BID404	3	-	2	3	1	2	1	1	-	1	2	2	2	-	1	1	-	-	2	-
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	BID406	3	3	3	3	3	2	3	2	3	3	2	3	-	-	1	3	-	-	2	-
	BID407	3	2	3	3	2	2	2	2	3	3	-	-	-	1	1	3	-	-	-	-
	BID501	3	3	3	3	2	2	2	3	3	3	1	2	3	1	3	1	-	-	2	-
	BID502	2	1	3	2	2	2	1	1	-	1	1	2	3	1	1	1	-	-	-	-
V	BID503	2	1	2	3	-	3	1	1	-	-	3	-	2	3	3	1	-	-	2	-
V	BID504	2	1	1	3	-	3	-	-	-	-	3	-	2	3	3	1	-	-	2	-
	BID505	1	1	-	-	1	-	3	3	3	-	-	1	-	3	1	1	3	-	-	-
	BID506	3	3	3	3	2	2	3	3	2	3	3	3	3	1	3	3	-	-	2	-
	BID601	3	3	3	3	2	2	2	3	3	3	3	1	3	1	3	3	-	-	2	-
	BID602	1	-	3	3	2	2	2	3	3	-	2	1	-	-	3	3	3	-	-	-
	BID603	3	3	2	2	1	1	1	3	3	1	2	2	2	3	3	3	-	-	-	-
VI	BID604	3	2	3	3	2	2	2	3	3	3	2	3	3	-	3	3	-	-	2	-
	BID605	2	-	1	3	-	-	-	-	-	-	-	-	-	3	3	-	-	-	-	-
	BID606	3	2	3	3	1	2	2	3	3	-	3	-	-	-	3	2	-	-	-	-
	BID607	2	3	3	3	1	2	2	3	3	1	-	-	-	3	3	2	-	-	-	-
VII	BID701	3	3	3	3	2	3	1	3	2	1	-	3	3	3	3	ı	-	-	2	-
VIII	BID 801	3	3	3	3	2	2	2	3	3	1	3	2	3	3	3	3	-	-	2	-

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BID 802	-	-	-	-	1	1	-	1	-	-	-	-	3	3	2	3	3	3	-	3
BID 803	1	-	2	1	1	2	-	2	1	-	1	-	2	3	2	1	2	-	-	-
BID 804	3	1	2	2	2	1	-	2	2	1	-	2	-	-	-	1	-	-	-	-
BID 805	1	3	1	1	2	1	2	1	2	1	1	-	2	1	2	-	-	-	-	-

DEPARTMENT OF ARCHITECTURE & PLANNING

Course Handout

Course: : Workshop – I (Serigraphy & Color)

Course Code: BID 207, Crédits: 02, Session: 2020-2021 (Even Sem.), Class: BID 1st Year

Faculty Name: Ar. Manish Kumar Chitranshi

AAA. Introduction: The course will use a mix of hands on workshop, sketching and case study & market study. Participants are encouraged to engage in active interaction through classroom participation Assessment/Examination Scheme:

BBB. Course Outcomes: At the end of the course, students will be able to:

CO1: The objective of the course is to provide a clear understanding about the
Color theory / color psychology in interior design .This course will cover the
fundamentals of interior design starting with basic colors, what basic colors are
(from primary, secondary and tertiary colors), which would help them to
understand how different colors affect different spaces, some winning color
combinations, how to build your color palette from any item, and how to choose
the perfect shade of paint for your space.

CO2: An understanding about the Color theory / color psychology in interior design, fundamentals of interior design and their use in different spaces. An understanding to build the color palette from any item, and to choose the perfect shade of paint for your space. Use of color schemes, textures and patterns to the surfaces and use of serigraphy in interior spaces and furniture.

CCC. Programme Outcomes:

- **PO1. Design Knowledge:** Incorporate a global perspective when making design decisions, based on sustainable, socio-economic, and cultural contexts.
- **PO2. Problem Analysis:** Apply theories of human behaviour to human-centered design solutions.
- **PO3. Design/Development of Solutions:** Apply the design process to generate creative solutions to complex problems optimizing the human experience within

- the interior environment. Apply theory, psychology, and methodology of color to designs of the interior environment.
- **PO4. Individual and Team Work:** Collaborate in multi-disciplinary teams respecting a variety of points of view and perspectives that enrich the process and product of the team.
- **PO5. Communication:** Communicate complex ideas clearly to specialists and non-specialists through appropriate oral, written, and representational media.
- **PO6. Life Long Learning:** Exemplify accepted standards of professionalism and business practice including a commitment to engage in lifelong learning.
- **PO7. Context and Society:** Analyze interiors, architecture, the decorative arts, and art within a historical and cultural context to inform contemporary design solutions that relate with the society for whom the design solution is to be provided.
- **PO8. Synthesis of Concepts:** Synthesize theories and concepts of spatial definition and organization into multi-dimensional design solutions.
- **PO9. Modern Technique usage:** Specify furniture, fixtures, and equipment's of finish materials to meet the design criteria for a variety of interior spaces.
- **PO10. Environment and Sustainability:** Apply principles of lighting, acoustics, thermal comfort, and indoor air quality as required to enhance the health, safety, welfare, and performance of building occupants for overall sustainable development of the individuals.
- **PO11. Ethics:** Comply with laws, codes, and standards that impact fire safety and life safety.
- **PO12. Project/Construction Management:** Produce construction drawings and documents using industry standards for a variety of interior spaces. Employ environment-behaviour research methodologies to address open-ended problems in interior design.

DDD. Programme Specific Outcomes:

As part of the school's charter and mission, Amity School of Architecture and Planning is providing a vibrant planning environment, ensuring its undergraduates are not only valued by the planning practice, but are also able to:

- **PSO1.** Demonstrate critical thinking as they identify, analyze, and solve interior architecture and design problems through completion of interior design studio projects. Apply creative and critical thinking to solve interior environment problems from a human-cantered approach and apply this knowledge to design solutions.
- **PSO2.** Demonstrate preparation for global design practice by incorporating

cultural norms of user populations and applying that knowledge to design solutions that support globally diverse end users.

PSO3. Demonstrate effective visual, verbal, and written communication.

PSO4. Apply ethical and professional practices.

PSO5. Demonstrate social responsibility by designing sustainable interior environments that support indoor environmental quality and improve the quality of life for occupants.

PSO6. Engage in integrative professional design practice by contributing interior architecture and design expertise to collaborative design teams.

Assessment Plan:

Component	Description	Code	Weightage
of Evaluation			%
Continuous Internal	Mid Term	СТ	10%
Evaluation	Seminar/Quiz/ Assignment	S/Q/A	15%
Attendance	A minimum of 75% Attendance is required to be maintained by a studentto be qualified for taking up the End Semester examination. The allowance of 25% includes all types of leaves including medical leaves.	A	5%
End Semester Examination	End Semester (Viva-Voce)	EE	70%
Total	,		100%

EEE. Syllabus

Module I: Color theory / color psychology

understanding about the Color theory / color psychology in interior design. fundamentals of interior design starting with basic colors.

Module II: Color Palette

Making of color Palette, color combinations for particular theme in interior space.

Module III: : Serigraphy

Serigraphy in Interior Spaces & Furniture, Drawings solids, voids

Examination Scheme:

Components	Attendance	Mid-Term	Assignment	EE
Weightage (%)	5	10	15	70

CT: Class Test, A: Assignment, S/V/Q: Seminar/Exam/Quiz, EE: End Semester Examination; A: Attendance

FFF. Suggested Text/Reference Books:

- [1] The History of Arch. in India, Chrictophes Tadgell
- [2] Interior design&space planning, Dechiara Pabero Zelnik
- [3] Interior design illustrated, Francis D.K. Ching

References:

- Islamic Architecture in Interior, Satish Grover
- The BestInterior India, Anuradha Mahindra
- Indian Interior, Angelika Tasche

Lecture Plan

Lecture	Topics	Mode of Delivery	Correspon ding CO	Mode of Assessing CO
271.	understanding about the Color theory / color psychology in interior design. fundamentals of interior design starting with basic colors.	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
272.	understanding about the Color theory / color psychology in interior design. fundamentals of interior design starting with basic colors.	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
273.	understanding about the Color theory / color psychology in interior design. fundamentals of interior design starting with basic colors.	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
274.	understanding about the Color theory / color psychology in	Lecture	CO1	Mid Term- 1, Quiz &

	interior design. fundamentals of interior design starting with basic colors.			End Sem Exam
275.	understanding about the Color theory / color psychology in interior design. fundamentals of interior design starting with basic colors.	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
276.	understanding about the Color theory / color psychology in interior design. fundamentals of interior design starting with basic colors.	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
277.	understanding about the Color theory / color psychology in interior design. fundamentals of interior design starting with basic colors.	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
278.	understanding about the Color theory / color psychology in interior design. fundamentals of interior design starting with basic colors.	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
279.	understanding about the Color theory / color psychology in interior design. fundamentals of interior design starting with basic colors.	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
280.	understanding about the Color theory / color psychology in interior design. fundamentals of interior design starting with basic colors.	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
281.	understanding about the Color theory / color psychology in interior design. fundamentals of interior design starting with basic colors.	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
282.	understanding about the Color theory / color psychology in interior design. fundamentals of interior design starting with basic colors.	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
283.	Making of color Palette, color combinations for particular theme in interior space.	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam

284.	Making of color Palette, color	Lecture	CO1	Mid Term-
	combinations for particular theme			1, Quiz &
	in interior space.			End Sem
				Exam
285.	Making of color Palette, color	Lecture	CO1	Mid Term-
	combinations for particular theme			1, Quiz &
	in interior space.			End Sem
				Exam
286.	Making of color Palette, color	Lecture	CO2	Mid Term-
	combinations for particular theme			1, Quiz &
	in interior space.			End Sem
				Exam
287.	Making of color Palette, color	Lecture	CO2	Mid Term-
	combinations for particular theme			1, Quiz &
	in interior space.			End Sem
				Exam
288.	Making of color Palette, color	Lecture	CO2	Mid Term-
200.	combinations for particular theme	Lecture	502	1, Quiz &
	in interior space.			End Sem
	,			Exam
200	Making of color Palette, color	Locturo	603	
289.	Making of color Palette, color combinations for particular theme	Lecture	CO2	Mid Term-
	in interior space.			1, Quiz &
	in interior space.			End Sem
				Exam
290.	Making of color Palette, color	Lecture	CO2	Mid Term-
	combinations for particular theme in interior space.			1, Quiz &
	in interior space.			End Sem
				Exam
291.	Making of color Palette, color	Lecture	CO2	Mid Term-
	combinations for particular theme			2, Quiz &
	in interior space.			End Sem
				Exam
292.	Making of color Palette, color	Lecture	CO2	Mid Term-
	combinations for particular theme			2, Quiz &
	in interior space.			End Sem
				Exam
293.	Making of color Palette, color	Lecture	CO2	Mid Term-
	combinations for particular theme			2, Quiz &
	in interior space.			End Sem
				Exam
294.	Serigraphy in Interior Spaces &	Lecture	CO2	Mid Term-
	Furniture, Drawings solids, voids			2, Quiz &
				End Sem
				Exam
295.	Serigraphy in Interior Spaces &	Lecture	CO2	Mid Term-
233.	Furniture, Drawings solids, voids	Lecture	102	
	. armeare, Drawings solids, voids			2, Quiz &

				End Sem Exam
296.	Serigraphy in Interior Spaces & Furniture, Drawings solids, voids	Lecture	CO2	Mid Term- 2, Quiz & End Sem Exam
297.	Serigraphy in Interior Spaces & Furniture, Drawings solids, voids	Lecture	CO2	Mid Term- 2, Quiz & End Sem Exam
298.	Serigraphy in Interior Spaces & Furniture, Drawings solids, voids	Lecture	CO2	Mid Term- 2, Quiz & End Sem Exam
299.	Serigraphy in Interior Spaces & Furniture, Drawings solids, voids	Lecture	CO2	Mid Term- 2, Quiz & End Sem Exam
300.	Serigraphy in Interior Spaces & Furniture, Drawings solids, voids	Lecture	CO2	Mid Term- 2, Quiz & End Sem Exam

GGG. Course Articulation Matrix (Mapping of COs with POs)

СО	STATEMENT		CORRELATION WITH PROGRAMME OUTCOMES											CORRELATION WITH PROGRAMME SPECIFIC OUTCOMES				
		P O 1	P O 2	P O 3	P O 4	P O 5	P O 6	P O 7	P O 8	P O 9	P O 1	P O 1	P O 1 2	PS O1	PS O2	PS O3	PS 04	PS 05
CO 01	The objective of the course is to provide a clear understanding about the Color theory / color psychology in interior design .This course will cover the fundamentals of interior design starting with basic colors, what basic colors are (from primary, secondary and tertiary colors), which would help	3	-	1	3	1	1	-	1	3	3	3	3	3	3	3	3	3

	them to understand how different colors affect different spaces, some winning color combinations, how to build your color palette from any item, and how to choose the perfect shade of paint for your space.									
CO 02	An understanding about the Color theory / color psychology in interior design, fundamentals of interior design and their use in different spaces. An understanding to build the color palette from any item, and to choose the perfect shade of paint for your space. Use of color schemes, textures and patterns to the surfaces and use of serigraphy in interior spaces and furniture.									

Sample Question Paper

	Amity School of Architecture & Planning I MID-SEMESTER (SEM –II) 2020-2021													
Class: BID II Semester														
Subject Name: BID 207 Time: 2 Hrs Max. Marks: 10 Workshop - I (Serigraphy & Color)														
Levels of the questions as per Blooms Taxonomy	Remembering	Understanding	Applying	Analyz	ing	Evaluating	Creating							
Question Q.1,4 Q.2,3 Q.4 Q.2,5,6 Mapping														

Student will be able to

CO1: List the broad perceptive of cloud architecture and model. CO2: Apply different cloud programming models as per need.

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CO Map	Question No.	Question	Marks					
CO1	Q.1	Explain in brief the cloud computing concept.	3					
CO1	Q.2a	What are the essential characteristics of cloud computing?	3					
	Q.2b	How is cloud computing requirements and cloud servicerequirement services related to each other?	3					
CO1	Q.3	Sketch NIST Cloud Computing Reference Architecture and depictits elements	6					
CO2	Q.4	Explain the significance of Cloud Reference Model	3					
CO2	Q.5a	Elaborate different cloud types with example.	3					
CO2	Q.5b	Write characteristics of private cloud.	3					
CO2	Q6	How virtualization is applied in cloud computing scenario?	6					

Attainments		Rubric					
Level	1	IF 60% of students secure more than 60% marks then level 1					
Level	2	IF 70% of students secure more than 60% marks then level 2					
Level	3	IF 80% of students secure more than 60% marks then level 3					

Course outcome: Based on internal and external assessment the level of Course outcome attainment of the course BID/Course code BID 207 is level 1 for the academic year 2020-2021.



AMITY UNIVERSITY MADHYA PRADESH, GWALIOR AMITY SCHOOL OF ARCHITECTURE AND PLANNING DEPARTMENT OF ARCHITECTURE AND PLANNING

PROGRAMME OUTCOMES AND PROGRAMME SPECIFIC OUTCOMES Bachelor of Interior Design (BID), Academic Year – 2021-22

Program Outcomes:

- **PO1. Design Knowledge:** Incorporate a global perspective when making design decisions, based on sustainable, socio-economic, and cultural contexts.
- PO2. Problem Analysis: Apply theories of human behaviour to human-centered design solutions.
- **PO3.** Design/Development of Solutions: Apply the design process to generate creative solutions to complex problems optimizing the human experience within the interior environment. Apply theory, psychology, and methodology of color to designs of the interior environment.
- **PO4. Individual and Team Work:** Collaborate in multi-disciplinary teams respecting a variety of points of view and perspectives that enrich the process and product of the team.
- **PO5. Communication:** Communicate complex ideas clearly to specialists and non-specialists through appropriate oral, written, and representational media.
- **PO6. Life Long Learning:** Exemplify accepted standards of professionalism and business practice including a commitment to engage in lifelong learning.
- **PO7. Context and Society:** Analyze interiors, architecture, the decorative arts, and art within a historical and cultural context to inform contemporary design solutions that relate with the society for whom the design solution is to be provided.
- **PO8. Synthesis of Concepts:** Synthesize theories and concepts of spatial definition and organization into multi-dimensional design solutions.
- **PO9. Modern Technique usage:** Specify furniture, fixtures, and equipment's of finish materials to meet the design criteria for a variety of interior spaces.
- **PO10.** Environment and Sustainability: Apply principles of lighting, acoustics, thermal comfort, and indoor air quality as required to enhance the health, safety, welfare, and performance of building occupants for overall sustainable development of the individuals.
- PO11. Ethics: Comply with laws, codes, and standards that impact fire safety and life safety.

PO12. Project/Construction Management: Produce construction drawings and documents using industry standards for a variety of interior spaces. Employ environment-behaviour research methodologies to address open-ended problems in interior design.

Program Specific Outcome:

As part of the school's charter and mission, Amity School of Architecture and Planning is providing a vibrant planning environment, ensuring its under-graduates are not only valued by the planning practice, but are also able to:

PSO1. Demonstrate critical thinking as they identify, analyze, and solve interior architecture and design problems through completion of interior design studio projects. Apply creative and critical thinking to solve interior environment problems from a human-cantered approach and apply this knowledge to design solutions.

PSO2. Demonstrate preparation for global design practice by incorporating cultural norms of user populations and applying that knowledge to design solutions that support globally diverse end users.

PSO3. Demonstrate effective visual, verbal, and written communication.

PSO4. Apply ethical and professional practices.

PSO5. Demonstrate social responsibility by designing sustainable interior environments that support indoor environmental quality and improve the quality of life for occupants.

PSO6. Engage in integrative professional design practice by contributing interior architecture and design expertise to collaborative design teams.

Note: - Correlation levels 1, 2 and 3 as defined below:

1: Slight (Low), 2: Moderate (Medium) and 3: Substantial (High)

If there is no correlation, put "-"

PROGRAMME ARTICULATION MATRIX																					
SEM	SUBJECT CODE	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12	PO 13	PO 14	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5	PSO 6
	BID101	3	3	3	3	2	1	2	3	3	1	1	3	3	1	3	3	-	-	2	-
	BID102	2	2	3	2	2	1	-		1	2	2	2	-	1	1	3	-	-	-	-
	BID103	2	2	1	-	3	1	2	3	3	2	1	1	2	2	3	3	1	-	-	-
I	BID104	1	1	1	2	-	-	-	2	-	-	-	2	-	-	1	1	-	-	-	-
	BID105	3	2	3	2	1	1	2	3	1	2	-	3	-	1	3	3	-	-	2	-
	BID106	-	1	-	-	-	-	3	2	-	-	-	-	-	1	1	1	-	-	-	-
	BID107	3	2	3	3	1	1	3	-	3	3	-	3	2	3	3	3	3	-	-	-
	BID201	3	2	3	3	2	2	2	3	3	1	1	3	3	1	3	3	-	-	2	-
	BID202	3	1	3	2	2	2	-	1	1	1	3	3	2	1	1	2	-	-	-	-
	BID203	2	2	1	1	3	2	2	3	3	2	1	2	2	1	3	3	1	-	2	-
П	BID204	1	3	1	-	-	-	-	1	1	-	-	2	-	1	1	1	-	-	-	-
	BID205	-	1	3	3	1	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-
	BID206	-	1	-	-	-	-	3	3	3	-	-	-	-	-	1	3	-	-	-	-
	BID207	3	-	1	3	1	1	-	1	3	3	3	3	3	3	3	3	3	-	-	-
	BID301	3	3	3	3	2	2	2	3	3	1	1	2	3	1	3	3	-	-	2	-
	BID302	2	-	3	2	2	2	-	1	1	1	2	2	2	1	1	1	-	-	-	-
	BID303	2	2	2	2	-	3	2	-	1	-	-	-	2	-	1	1	-	-	-	-
Ш	BID304	3	3	-	-	3	-	-	3	3	-	-	-	-	-	1	1	-	-	-	-
	BID305	-	1	3	3	1	2	-	-	-	-	-	-	-	-	1	-	-	-	-	-
	BID306	-	1	-	-	2	-	3	3	3	-	-	-	-	-	-	-	-	-	-	-
	BID307	1	3	1	-	3	-	-	3	3	-	-	-	-	3	-	-	-	-	2	-
	BID401	3	3	3	3	2	2	2	3	3	2	1	2	3	1	3	3	-	-	2	-
	BID402	2	1	3	2	2	2	-	1	-	2	1	2	3	1	1	1	-	-	2	-
	BID403	2	2	2	3	1	2	1	1	-	-	-	-	2	-	3	1	-	-	2	-
IV	BID404	3	1	2	3	1	2	1	1	-	1	2	2	2	-	1	1	-	-	2	-
	BID405	3	1	1	1	1	1	-	3	3	3	2	2	1	1	3	3	-	-	-	-
	BID406	3	3	3	3	3	2	3	2	3	3	2	3	-	-	1	3	-	-	2	-
	BID407	3	2	3	3	2	2	2	2	3	3	-	-	-	1	1	3	-	-	-	-
	BID501	3	3	3	3	2	2	2	3	3	3	1	2	3	1	3	1	-	-	2	-
	BID502	2	1	3	2	2	2	-	1	-	1	1	2	3	1	1	1	-	-	-	-
V	BID503	2	1	2	3	-	3	-	1	-	-	3	-	2	3	3	1	-	-	2	-
V	BID504	2	1	1	3	-	3	-	-	-	-	3	-	2	3	3	1	-	-	2	-
	BID505	1	1	ı	-	1	-	3	3	3	-	-	1	-	3	1	1	3	-	-	-
	BID506	3	3	3	3	2	2	3	3	2	3	3	3	3	1	3	3	-	-	2	-
	BID601	3	3	3	3	2	2	2	3	3	3	3	1	3	1	3	3	-	-	2	-
	BID602	1	-	3	3	2	2	2	3	3	-	2	1	-	-	3	3	3	-	-	-
	BID603	3	3	2	2	1	1	1	3	3	1	2	2	2	3	3	3	-	-	-	-
VI	BID604	3	2	3	3	2	2	2	3	3	3	2	3	3	-	3	3	-	-	2	-
	BID605	2	-	1	3	-	-	-	-	-	-	-	-	-	3	3	-	-	-	-	-
	BID606	3	2	3	3	1	2	2	3	3	-	3	-	-	-	3	2	-	-	-	-
	BID607	2	3	3	3	1	2	2	3	3	1	-	-	-	3	3	2	-	-	-	-
VII	BID701	3	3	3	3	2	3	-	3	2	1	-	3	3	3	3	ı	-	-	2	-
VIII	BID 801	3	3	3	3	2	2	2	3	3	1	3	2	3	3	3	3	-	-	2	-

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BID 803	1	-	2	1	1	2	-	2	1	-	1	-	2	3	2	1	2	-	-	-
BID 804	3	1	2	2	2	1	-	2	2	1	-	2	-	-	-	1	-	-	-	-
BID 805	1	3	1	1	2	1	2	1	2	1	1	-	2	1	2	-	-	-	-	-

DEPARTMENT OF ARCHITECTURE & PLANNING

Course Handout

Course: Interior Design Studio - I

Course Code: BID 101, Crédits: 05, Session: 2021-22(Odd Sem.), Class: BID 1st Year

Faculty Name: Ar. Manish Kumar Chitranshi

A. Introduction: The course is to provide a clear understanding about the design procedures and techniques of interior design of spaces with different activities and uses, using different standards, materials, and technologies. The course will use a mix of drawings, case study and sketching & hands on exercise. Participants are encouraged to engage in active interaction through classroom participation

B. Course Outcomes: At the end of the course, students will be able to:

CO1: The design procedures and techniques of interior design of spaces with different activities and uses, using different standards, materials, and technologies.

CO2: The visual design in an interior space with color schemes, textures, light, shadow etc.

CO3: The exercise to be executed in this course enable the students to design the space interiors for a two-storey building with the required services, infrastructure, furniture layout, circulation, open-built and exterior-interior relationship in and around the plot boundaries.

C. Programme Outcomes:

- **PO1. Design Knowledge:** Incorporate a global perspective when making design decisions, based on sustainable, socio-economic, and cultural contexts.
- **PO2. Problem Analysis:** Apply theories of human behaviour to human-centered design solutions.
- **PO3. Design/Development of Solutions:** Apply the design process to generate creative solutions to complex problems optimizing the human experience within the interior environment. Apply theory, psychology, and methodology of color to designs of the interior environment.

- **PO4. Individual and Team Work:** Collaborate in multi-disciplinary teams respecting a variety of points of view and perspectives that enrich the process and product of the team.
- **PO5. Communication:** Communicate complex ideas clearly to specialists and non-specialists through appropriate oral, written, and representational media.
- **PO6. Life Long Learning:** Exemplify accepted standards of professionalism and business practice including a commitment to engage in lifelong learning.
- **PO7. Context and Society:** Analyze interiors, architecture, the decorative arts, and art within a historical and cultural context to inform contemporary design solutions that relate with the society for whom the design solution is to be provided.
- **PO8. Synthesis of Concepts:** Synthesize theories and concepts of spatial definition and organization into multi-dimensional design solutions.
- **PO9. Modern Technique usage:** Specify furniture, fixtures, and equipment's of finish materials to meet the design criteria for a variety of interior spaces.
- **PO10. Environment and Sustainability:** Apply principles of lighting, acoustics, thermal comfort, and indoor air quality as required to enhance the health, safety, welfare, and performance of building occupants for overall sustainable development of the individuals.
- **PO11. Ethics:** Comply with laws, codes, and standards that impact fire safety and life safety.
- **PO12. Project/Construction Management:** Produce construction drawings and documents using industry standards for a variety of interior spaces. Employ environment-behaviour research methodologies to address open-ended problems in interior design.

D. Programme Specific Outcomes:

As part of the school's charter and mission, Amity School of Architecture and Planning is providing a vibrant planning environment, ensuring its undergraduates are not only valued by the planning practice, but are also able to:

- **PSO1.** Demonstrate critical thinking as they identify, analyze, and solve interior architecture and design problems through completion of interior design studio projects. Apply creative and critical thinking to solve interior environment problems from a human-cantered approach and apply this knowledge to design solutions.
- **PSO2.** Demonstrate preparation for global design practice by incorporating cultural norms of user populations and applying that knowledge to design solutions that support globally diverse end users.

PSO3. Demonstrate effective visual, verbal, and written communication.

PSO4. Apply ethical and professional practices.

PSO5. Demonstrate social responsibility by designing sustainable interior environments that support indoor environmental quality and improve the quality of life for occupants.

PSO6. Engage in integrative professional design practice by contributing interior architecture and design expertise to collaborative design teams.

Assessment Plan:

Component	Description	Code	Weightage
of Evaluation			%
Continuous Internal	Mid Term	СТ	10%
Evaluation	Seminar/Quiz/	S/Q/A	15%
	Assignment		
Attendance	A minimum of 75%	Α	5%
	Attendance is required to be		
	maintained by a studentto be		
	qualified for taking up the End		
	Semester examination. The		
	allowance of 25% includes all		
	types of leaves		
	including medical leaves.		
End Semester	End Semester	VV	70%
Examination	(Viva-Voce)		
Total			100%

E. Syllabus

Module I: Design problem

Introduction to design problem with the methodology to proceed with the concept, Case studies and data collection through primary and secondary sources, Formulation of concept with client's requirements.

Module II: Design aspects

Design the interior keeping in view – the basic structural requirements, finishes, furniture layout, basic services (teaching parallel in BID 1207, Building Services and Fixtures -water supply and sanitation)

Module III: Design Exercise

Design the interiors for a space with a floor area of appx. 300sqm. – 400 sqm in a two storey structure with open courtyards in or around the built structure for 12 - 15 occupants (living

or floating) on a plot size of minimum 500sqm. Design should be presented in 3D drawings (perspectives, axonometric, isometric views) rendered with textures, colors, patterns etc.

Examination Scheme:

Components	Attendance	Mid-Term	Assignment	VV
Weightage (%)	5	10	15	70

CT: Class Test, A: Assignment, S/V/Q: Seminar/Viva/Quiz, EE: End Semester Examination; A: Attendance

F. Suggested Text/Reference Books:

- A Visual Dictionary of Architecture, Francis D.K. Ching [2] Creative Interiors (Design of Enclosed Space), Shashi Jain [3] Commercial Interior Perspectives, Graphic Sha (Editor) [4] Design with Wood, Carol Soucek King
- Drywall (Pro Tips for Hanging & Finishing), John D. Wagner
- Graphic Interiors (Space Designed by Graphic Artists), Corina Dean [7]
 Interior design illustrated, Francis D.K. Ching
- Graphic Interiors (Space Designed by Graphic Artists), Corina Dean
- Home Plumbing (The David & Charles Manual of), Ernest Hall
- House Book (The Complete Guide to Home Design), Terence Conran [12]
 Illustration + Perspectives (In Pantone Colors), Eiji Mitooka
- Elements of Architecture, Meiss Pieree Von
- Architecture: Form, Space and Order, Francis D.K. Ching

References:

- A.J. Metric Handbook, Jan Bilwa and Leslie Fair weather
- Architectural Graphic standards, Boaz Joseph
- The Curtain Book, Mitchll Beazlty
- Interior Design Visual, Maureen Mitton 2nd Edition
- 100 Bright Ideas For color, Sue Rose
- Window Fashion, Charles T. Randall
- Illustration + Perspectives (In Pantone Colors), Eiji Mitooka
- Elements of Architecture, Meiss Pieree Von
- Architecture: Form, Space and Order, Francis D.K. Ching

G. Lecture Plan

Lecture	Topics	Mode of	Correspon ding CO	Mode of Assessing
		Delivery		СО
1.	Design problem Introduction	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
2.	Design problem Introduction	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam

	B. d	1 1	601	na: d =
3.	Design problem	Lecture	CO1	Mid Term-
	Introduction			1, Quiz &
				End Sem
				Exam
4.	Design problem Introduction	Lecture	CO1	Mid Term-
				1, Quiz &
				End Sem
				Exam
5.	Design problem	Lecture	CO1	Mid Term-
	Introduction			1, Quiz &
				End Sem
				Exam
6.	Introduction to design	Lecture	CO1	Mid Term-
0.	problem with the	Lecture	601	1, Quiz &
	methodology to proceed			End Sem
	with the concept			
7.	Introduction to design	Locture	CO1	Exam Mid Term-
/.	problem with the	Lecture	COI	
	methodology to proceed			1, Quiz &
	with the concept			End Sem
	•			Exam
8.	Introduction to design	Lecture	CO1	Mid Term-
	problem with the			1, Quiz &
	methodology to proceed with the concept			End Sem
	with the concept			Exam
9.	Introduction to design	Lecture	CO1	Mid Term-
	problem with the			1, Quiz &
	methodology to proceed			End Sem
	with the concept			Exam
10.	Introduction to design	Lecture	CO1	Mid Term-
	problem with the			1, Quiz &
	methodology to proceed			End Sem
	with the concept			Exam
11.	Introduction to design	Lecture	CO1	Mid Term-
	problem with the			1, Quiz &
	methodology to proceed			End Sem
	with the concept			Exam
12.	Introduction to design	Lecture	CO1	Mid Term-
12.	problem with the	Lecture		1, Quiz &
	methodology to proceed			End Sem
	with the concept			End Sem Exam
12	·	l o strong	601	
13.	Introduction to design problem with the	Lecture	CO1	Mid Term-
	methodology to proceed			1, Quiz &
	with the concept			End Sem
				Exam
14.	Introduction to design	Lecture	CO1	Mid Term-
	problem with the			1, Quiz &

	methodology to proceed			End Sem
	with the concept			Exam
15.	Introduction to design problem with the methodology to proceed with the concept	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
16.	Case studies and data collection through primary and secondary sources	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
17.	Case studies and data collection through primary and secondary sources	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
18.	Case studies and data collection through primary and secondary sources	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
19.	Case studies and data collection through primary and secondary sources	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
20.	Case studies and data collection through primary and secondary sources	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
21.	Case studies and data collection through primary and secondary sources	Lecture	CO1	Mid Term- 2, Quiz & End Sem Exam
22.	Case studies and data collection through primary and secondary sources	Lecture	CO1	Mid Term- 2, Quiz & End Sem Exam
23.	Case studies and data collection through primary and secondary sources	Lecture	CO1	Mid Term- 2, Quiz & End Sem Exam
24.	Case studies and data collection through primary and secondary sources	Lecture	CO1	Mid Term- 2, Quiz & End Sem Exam
25.	Case studies and data collection through primary and secondary sources	Lecture	CO1	Mid Term- 2, Quiz & End Sem Exam

2.0	Design the interior because	Lootiiro	CO2	Mid Tames
26.	Design the interior keeping	Lecture	CO2	Mid Term-
	in view – the basic			2, Quiz &
	structural requirements,			End Sem
	finishes, furniture layout,			Exam
	basic services			
27.	Design the interior keeping	Lecture	CO2	Mid Term-
	in view – the basic			2, Quiz &
	structural requirements,			End Sem
	finishes, furniture layout,			Exam
	basic services			
28.	Design the interior keeping	Lecture	CO2	Mid Term-
	in view – the basic			2, Quiz &
	structural requirements,			End Sem
	finishes, furniture layout,			Exam
	basic services			
29.	Design the interior keeping	Lecture	CO2	Mid Term-
	in view – the basic			2, Quiz &
	structural requirements,			End Sem
	finishes, furniture layout,			Exam
	basic services			
30.	Design the interior keeping	Lecture	CO2	Mid Term-
	in view – the basic			2, Quiz &
	structural requirements,			End Sem
	finishes, furniture layout,			Exam
	basic services			
31.	Design the interior keeping	Lecture	CO2	Mid Term-
	in view – the basic			2, Quiz &
	structural requirements,			End Sem
	finishes, furniture layout,			Exam
	basic services			
32.	Design the interior keeping	Lecture	CO2	Mid Term-
	in view – the basic			2, Quiz &
	structural requirements,			End Sem
	finishes, furniture layout,			Exam
	basic services			E/GIII
33.	Design the interior keeping	Lecture	CO2	Mid Term-
	in view – the basic	2000010		2, Quiz &
	structural requirements,			End Sem
	finishes, furniture layout,			Exam
	basic services			LAGIII
34.	Design the interior keeping	Lecture	CO2	Mid Term-
J4.	in view – the basic	Lecture	102	2, Quiz &
	structural requirements,			End Sem
				Exam
	finishes, furniture layout, basic services			EXAIII
25		Lootura	603	Mid Towns
35.	Design the interior keeping	Lecture	CO2	Mid Term-

		1		20:0
	in view – the basic			2, Quiz &
	structural requirements,			End Sem
	finishes, furniture layout,			Exam
	basic services			
36.	Design the interiors for a	Lecture	CO2	Mid Term-
	space with a floor area of			2, Quiz &
	appx. 300sqm. – 400 sqm			End Sem
	in a two storey structure			Exam
	with open courtyards in or			
	around the built structure			
	for 12 - 15 occupants (living			
	or floating) on a plot size of			
27	minimum 500sqm.		602	0 : 0
37.	Design the interiors for a	Lecture	CO2	Quiz &
	space with a floor area of			End Sem
	appx. 300sqm. – 400 sqm			Exam
	in a two storey structure			
	with open courtyards in or			
	around the built structure			
	for 12 - 15 occupants (living			
	or floating) on a plot size of			
	minimum 500sqm.			
38.	Design the interiors for a	Lecture	CO2	Quiz &
	space with a floor area of			End Sem
	appx. 300sqm. – 400 sqm			Exam
	in a two storey structure			
	with open courtyards in or			
	around the built structure			
	for 12 - 15 occupants (living			
	or floating) on a plot size of			
	minimum 500sqm.			
20	•	Lastings	603	Oui- 0
39.	Design the interiors for a	Lecture	CO2	Quiz &
	space with a floor area of			End Sem
	appx. 300sqm. – 400 sqm			Exam
	in a two storey structure			
	with open courtyards in or			
	around the built structure			
	for 12 - 15 occupants (living			
	or floating) on a plot size of			
	minimum 500sqm.			
40.	Design the interiors for a	Lecture	CO2	Quiz &
	space with a floor area of			End Sem
	appx. 300sqm. – 400 sqm			Exam
	in a two storey structure			
	with open courtyards in or			
	around the built structure			
	around the built structure			

	T -			
	for 12 - 15 occupants (living			
	or floating) on a plot size of			
	minimum 500sqm.			
41.	Design the interiors for a	Lecture	CO2	Quiz &
	space with a floor area of			End Sem
	appx. 300sqm. – 400 sqm			Exam
	in a two storey structure			
	with open courtyards in or			
	around the built structure			
	for 12 - 15 occupants (living			
	or floating) on a plot size of			
	minimum 500sqm.			
42.	Design the interiors for a	Lecture	CO2	Quiz &
72.	space with a floor area of	Lecture	COZ	End Sem
	appx. 300sqm. – 400 sqm			Exam
	in a two storey structure			LXdIII
	with open courtyards in or			
	around the built structure			
	for 12 - 15 occupants (living			
	or floating) on a plot size of			
4.2	minimum 500sqm.	11	602	0 : 0
43.	Design the interiors for a	Lecture	CO2	Quiz &
	space with a floor area of			End Sem
	appx. 300sqm. – 400 sqm			Exam
	in a two storey structure			
	with open courtyards in or			
	around the built structure			
	for 12 - 15 occupants (living			
	or floating) on a plot size of			
	minimum 500sqm.			
44.	Design the interiors for a	Lecture	CO2	Quiz &
	space with a floor area of			End Sem
	appx. 300sqm. – 400 sqm			Exam
	in a two storey structure			
	with open courtyards in or			
	around the built structure			
	for 12 - 15 occupants (living			
	or floating) on a plot size of			
	minimum 500sqm.			
45.	Design the interiors for a	Lecture	CO2	Quiz &
	space with a floor area of			End Sem
	appx. 300sqm. – 400 sqm			Exam
	in a two storey structure			
	with open courtyards in or			
	around the built structure			
	for 12 - 15 occupants (living			
L				l

	or floating) on a plot size of			
46.	minimum 500sqm. Design should be presented in 3D drawings (perspectives, axonometric, isometric views) rendered with textures, colors,	Lecture	CO2	Quiz & End Sem Exam
47.	patterns etc. Design should be presented in 3D drawings (perspectives, axonometric, isometric views) rendered with textures, colors, patterns etc.	Lecture	CO2	Quiz & End Sem Exam
48.	Design should be presented in 3D drawings (perspectives, axonometric, isometric views) rendered with textures, colors, patterns etc.	Lecture	CO2	Quiz & End Sem Exam
49.	Design should be presented in 3D drawings (perspectives, axonometric, isometric views) rendered with textures, colors, patterns etc.	Lecture	CO2	Quiz & End Sem Exam
50.	Design should be presented in 3D drawings (perspectives, axonometric, isometric views) rendered with textures, colors, patterns etc.	Lecture	CO2	Quiz & End Sem Exam
51.	Design should be presented in 3D drawings (perspectives, axonometric, isometric views) rendered with textures, colors, patterns etc.	Lecture	CO3	Quiz & End Sem Exam
52.	Design should be presented in 3D drawings (perspectives, axonometric, isometric views) rendered with textures, colors, patterns etc.	Lecture	CO3	Quiz & End Sem Exam
53.	Design should be presented in 3D drawings (perspectives, axonometric, isometric views) rendered with textures, colors, patterns etc.	Lecture	CO3	Quiz & End Sem Exam

		1.	T	1
54.	Design should be presented in 3D drawings (perspectives, axonometric, isometric views) rendered with textures, colors, patterns etc.	Lecture	CO3	Quiz & End Sem Exam
55.	Design should be presented in 3D drawings (perspectives, axonometric, isometric views) rendered with textures, colors, patterns etc.	Lecture	CO3	Quiz & End Sem Exam
56.	Design should be presented in 3D drawings (perspectives, axonometric, isometric views) rendered with textures, colors, patterns etc.	Lecture	CO3	Quiz & End Sem Exam
57.	Design should be presented in 3D drawings (perspectives, axonometric, isometric views) rendered with textures, colors, patterns etc.	Lecture	CO3	Quiz & End Sem Exam
58.	Design should be presented in 3D drawings (perspectives, axonometric, isometric views) rendered with textures, colors, patterns etc.	Lecture	CO3	Quiz & End Sem Exam
59.	Design should be presented in 3D drawings (perspectives, axonometric, isometric views) rendered with textures, colors, patterns etc.	Lecture	CO3	Quiz & End Sem Exam
60.	Design should be presented in 3D drawings (perspectives, axonometric, isometric views) rendered with textures, colors, patterns etc.	Lecture	CO3	Quiz & End Sem Exam
61.	Design should be presented in 3D drawings (perspectives, axonometric, isometric views) rendered with textures, colors, patterns etc.	Lecture	CO3	Quiz & End Sem Exam
62.	Design should be presented in 3D drawings (perspectives, axonometric, isometric views) rendered with textures, colors, patterns etc.	Lecture	CO3	Quiz & End Sem Exam

63.	Design should be presented in 3D drawings (perspectives, axonometric, isometric views)	Lecture	CO3	Quiz & End Sem Exam
	rendered with textures, colors, patterns etc.			
64.	Design should be presented in 3D drawings (perspectives, axonometric, isometric views) rendered with textures, colors, patterns etc.	Lecture	CO3	Quiz & End Sem Exam
65.	Design should be presented in 3D drawings (perspectives, axonometric, isometric views) rendered with textures, colors, patterns etc.	Lecture	CO3	Quiz & End Sem Exam
66.	Design should be presented in 3D drawings (perspectives, axonometric, isometric views) rendered with textures, colors, patterns etc.	Lecture	CO3	Quiz & End Sem Exam
67.	Design should be presented in 3D drawings (perspectives, axonometric, isometric views) rendered with textures, colors, patterns etc.	Lecture	CO3	Quiz & End Sem Exam
68.	Design should be presented in 3D drawings (perspectives, axonometric, isometric views) rendered with textures, colors, patterns etc.	Lecture	CO3	Quiz & End Sem Exam
69.	Design should be presented in 3D drawings (perspectives, axonometric, isometric views) rendered with textures, colors, patterns etc.	Lecture	CO3	Quiz & End Sem Exam
70.	Design should be presented in 3D drawings (perspectives, axonometric, isometric views) rendered with textures, colors, patterns etc.	Lecture	CO3	Quiz & End Sem Exam
71.	Design should be presented in 3D drawings (perspectives, axonometric, isometric views) rendered with textures, colors, patterns etc.	Lecture	CO3	Quiz & End Sem Exam

72.	Design should be presented in 3D drawings (perspectives, axonometric, isometric views) rendered with textures, colors, patterns etc.	Lecture	CO3	Quiz & End Sem Exam
73.	Design should be presented in 3D drawings (perspectives, axonometric, isometric views) rendered with textures, colors, patterns etc.	Lecture	CO3	Quiz & End Sem Exam
74.	Design should be presented in 3D drawings (perspectives, axonometric, isometric views) rendered with textures, colors, patterns etc.	Lecture	CO3	Quiz & End Sem Exam
75.	Design should be presented in 3D drawings (perspectives, axonometric, isometric views) rendered with textures, colors, patterns etc.	Lecture	CO3	Quiz & End Sem Exam

H. Course Articulation Matrix (Mapping of COs with POs)

СО	STATEMENT		COF	RREL			/ITH COM	PRO ES	GRA	MM	E			CORRELATION WITH PROGRAMME SPECIFIC OUTCOMES					
		P O 1	P O 2	P O 3	P O 4	P O 5	P O 6	P O 7	P O 8	P O 9	P O 1	P O 1	P O 1	PS O1	PS O2	PS O3	PS 04	PS 05	
CO 01	Apply knowledge of construction material, methods, and process to transform idea in to design;	3	2	3	3	2	2	2	3	3	1	1	3	3	1	3	3	-	
CO 02	Develop the design for all kind of wooden material, Staircase, door, window, glazed window and partition, paneling and storage cabinet;																		

CO 03	Compare different									
	design suiting the									
	purpose/function and									
	principles of design;									

Sample Question Paper

Amity School of Architecture & Planning I MID-SEMESTER (SEM –II) 2021-22														
Class: BID II Semester														
Subject Name: BID 201 Time: 2 Hrs Max. Marks: 10 Interior Design Studio – II														
Levels of the questions as per Blooms Taxonomy	Remembering	Understanding	Applying	Analyz	zing	Evaluating	Creating							
Question Mapping	Q.1,4	Q.2,3	Q.4	Q.2,5,	6									

Student will be able to

CO1: List the broad perceptive of cloud architecture and model.

CO2: Apply different cloud programming models as per need.

CO Map	Question No.	Question	Marks
CO1	Q.1	Explain in brief the cloud computing concept.	3
CO1	Q.2a	What are the essential characteristics of cloud computing?	3
	Q.2b	How is cloud computing requirements and cloud servicerequirement services related to each other?	3
CO1	Q.3	Sketch NIST Cloud Computing Reference Architecture and depictits elements	6
CO2	Q.4	Explain the significance of Cloud Reference Model	3
603	Q.5a	Elaborate different cloud types with example.	3
CO2	Q.5b	Write characteristics of private cloud.	3
CO2	Q6	How virtualization is applied in cloud computing scenario?	6

Attainments		Rubric
Level	1	IF 60% of students secure more than 60% marks then level 1
Level	2	IF 70% of students secure more than 60% marks then level 2
Level	3	IF 80% of students secure more than 60% marks then level 3

Course outcome: Based on internal and external assessment the level of Course outcome attainment of the course BID /Course code 201 is level 2 for the academic year 2021-2022.

AMITY UNIVERSITY MADHYA PRADESH, GWALIOR AMITY SCHOOL OF ARCHITECTURE AND PLANNING DEPARTMENT OF ARCHITECTURE AND PLANNING

PROGRAMME OUTCOMES AND PROGRAMME SPECIFIC OUTCOMES Bachelor of Interior Design (BID), Academic Year – 2021-22

Program Outcomes:

- **PO1. Design Knowledge:** Incorporate a global perspective when making design decisions, based on sustainable, socio-economic, and cultural contexts.
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PO12. Project/Construction Management: Produce construction drawings and documents using industry standards for a variety of interior spaces. Employ environment-behaviour research methodologies to address open-ended problems in interior design.

Program Specific Outcome:

As part of the school's charter and mission, Amity School of Architecture and Planning is providing a vibrant planning environment, ensuring its under-graduates are not only valued by the planning practice, but are also able to:

PSO1. Demonstrate critical thinking as they identify, analyze, and solve interior architecture and design problems through completion of interior design studio projects. Apply creative and critical thinking to solve interior environment problems from a human-cantered approach and apply this knowledge to design solutions.

PSO2. Demonstrate preparation for global design practice by incorporating cultural norms of user populations and applying that knowledge to design solutions that support globally diverse end users.

PSO3. Demonstrate effective visual, verbal, and written communication.

PSO4. Apply ethical and professional practices.

PSO5. Demonstrate social responsibility by designing sustainable interior environments that support indoor environmental quality and improve the quality of life for occupants.

PSO6. Engage in integrative professional design practice by contributing interior architecture and design expertise to collaborative design teams.

Note: - Correlation levels 1, 2 and 3 as defined below:

1: Slight (Low), 2: Moderate (Medium) and 3: Substantial (High)

If there is no correlation, put "-"

						P	ROG	RAN	1ME	ARTI	CULA	TIOI	N MA	ATRIX	(
SEM	SUBJECT CODE	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12	PO 13	PO 14	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5	PSO 6
	BID101	3	3	3	3	2	1	2	3	3	1	1	3	3	1	3	3	-	-	2	-
	BID102	2	2	3	2	2	1	-		1	2	2	2	-	1	1	3	-	-	-	-
	BID103	2	2	1	-	3	1	2	3	3	2	1	1	2	2	3	3	1	-	-	-
- 1	BID104	1	1	1	2	-	-	-	2	-	-	-	2	-	-	1	1	-	-	-	-
	BID105	3	2	3	2	1	1	2	3	1	2	-	3	-	1	3	3	-	-	2	-
	BID106	-	1	-	-	-	-	3	2	-	-	-	-	-	1	1	1	-	-	-	-
	BID107	3	2	3	3	1	1	3	-	3	3	-	3	2	3	3	3	3	-	-	-
	BID201	3	2	3	3	2	2	2	3	3	1	1	3	3	1	3	3	-	-	2	-
	BID202	3	-	3	2	2	2	-	1	1	1	3	3	2	1	1	2	-	-	-	-
	BID203	2	2	1	1	3	2	2	3	3	2	1	2	2	1	3	3	1	-	2	-
П	BID204	1	3	1	-	-	-	-	1	1	-	-	2	-	1	1	1	-	-	-	-
	BID205	1	-	3	3	1	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-
	BID206	1	1	-	-	-	-	3	3	3	-	-	-	-	-	1	3	-	-	-	-
	BID207	3	-	1	3	1	1	-	1	3	3	3	3	3	3	3	3	3	-	-	-
	BID301	3	3	3	3	2	2	2	3	3	1	1	2	3	1	3	3	-	-	2	-
	BID302	2	-	3	2	2	2	-	1	1	1	2	2	2	1	1	1	-	-	-	-
	BID303	2	2	2	2	-	3	2	-	1	-	-	-	2	-	1	1	-	-	-	-
Ш	BID304	3	3	-	-	3	-	-	3	3	-	-	-	-	-	1	1	-	-	-	-
	BID305	1	-	3	3	1	2	-	-	-	-	-	-	-	-	1	-	-	-	-	-
	BID306	1	1	-	-	2	-	3	3	3	-	-	-	-	-	-	-	-	-	-	-
	BID307	1	3	1	-	3	-	-	3	3	-	-	-	-	3	-	-	-	-	2	-
	BID401	3	3	3	3	2	2	2	3	3	2	1	2	3	1	3	3	-	-	2	-
	BID402	2	1	3	2	2	2	-	1	-	2	1	2	3	1	1	1	-	-	2	-
	BID403	2	2	2	3	1	2	1	1	-	-	-	-	2	-	3	1	-	-	2	-
IV	BID404	3	-	2	3	1	2	1	1	-	1	2	2	2	-	1	1	-	-	2	-
	BID405	3	1	1	1	1	1	-	3	3	3	2	2	1	1	3	3	-	-	-	-
	BID406	3	3	3	3	3	2	3	2	3	3	2	3	-	-	1	3	-	-	2	-
	BID407	3	2	3	3	2	2	2	2	3	3	-	-	-	1	1	3	-	-	-	-
	BID501	3	3	3	3	2	2	2	3	3	3	1	2	3	1	3	1	-	-	2	-
	BID502	2	1	3	2	2	2	1	1	-	1	1	2	3	1	1	1	-	-	-	-
V	BID503	2	1	2	3	-	3	1	1	-	-	3	-	2	3	3	1	-	-	2	-
V	BID504	2	1	1	3	-	3	-	-	-	-	3	-	2	3	3	1	-	-	2	-
	BID505	1	1	-	-	1	-	3	3	3	-	-	1	-	3	1	1	3	-	-	-
	BID506	3	3	3	3	2	2	3	3	2	3	3	3	3	1	3	3	-	-	2	-
	BID601	3	3	3	3	2	2	2	3	3	3	3	1	3	1	3	3	-	-	2	-
	BID602	1	-	3	3	2	2	2	3	3	-	2	1	-	-	3	3	3	-	-	-
	BID603	3	3	2	2	1	1	1	3	3	1	2	2	2	3	3	3	-	-	-	-
VI	BID604	3	2	3	3	2	2	2	3	3	3	2	3	3	-	3	3	-	-	2	-
	BID605	2	-	1	3	-	-	-	-	-	-	-	-	-	3	3	-	-	-	-	-
	BID606	3	2	3	3	1	2	2	3	3	-	3	-	-	-	3	2	-	-	-	-
	BID607	2	3	3	3	1	2	2	3	3	1	-	-	-	3	3	2	-	-	-	-
VII	BID701	3	3	3	3	2	3	ı	3	2	1	-	3	3	3	3	ı	-	-	2	-
VIII	BID 801	3	3	3	3	2	2	2	3	3	1	3	2	3	3	3	3	-	-	2	-

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BID 802	-	-	-	-	1	1	-	1	-	-	-	-	3	3	2	3	3	3	-	3
BID 803	1	-	2	1	1	2	-	2	1	-	1	-	2	3	2	1	2	-	-	-
BID 804	3	1	2	2	2	1	-	2	2	1	-	2	-	-	-	1	-	-	-	-
BID 805	1	3	1	1	2	1	2	1	2	1	1	-	2	1	2	-	-	-	-	-

DEPARTMENT OF ARCHITECTURE & PLANNING

Course Handout

Course: Interior Design Studio – II

Course Code: BID 201, Crédits: 05, Session: 2021-22(Odd Sem.), Class: BID 1st Year

Faculty Name: Ar. Manish Kumar Chitranshi

A. Introduction: The course is to provide a clear understanding about the design procedures and techniques of interior design of spaces with different activities and uses, using different standards, materials, and technologies. The course will use a mix of drawings, case study and sketching & hands on exercise. Participants are encouraged to engage in active interaction through classroom participation

B. Course Outcomes: At the end of the course, students will be able to:

CO1: The design procedures and techniques of interior design of spaces with different activities and uses, using different standards, materials, and technologies.

CO2: The visual design in an interior space with color schemes, textures, light, shadow etc.

CO3: The exercise to be executed in this course enable the students to design the space interiors for a two-storey building with the required services, infrastructure, furniture layout, circulation, openbuilt and exterior-interior relationship in and around the plot boundaries.

C. Programme Outcomes:

- **PO1. Design Knowledge:** Incorporate a global perspective when making design decisions, based on sustainable, socio-economic, and cultural contexts.
- PO2. Problem Analysis: Apply theories of human behaviour to human-centered design solutions.
- **PO3. Design/Development of Solutions:** Apply the design process to generate creative solutions to complex problems optimizing the human experience within the interior environment. Apply theory, psychology, and methodology of color to designs of the interior environment.
- **PO4. Individual and Team Work:** Collaborate in multi-disciplinary teams respecting a variety of points of view and perspectives that enrich the process and product of the team.
- **PO5. Communication:** Communicate complex ideas clearly to specialists and non-specialists through appropriate oral, written, and representational media.
- **PO6. Life Long Learning:** Exemplify accepted standards of professionalism and business practice including a commitment to engage in lifelong learning.
- **PO7. Context and Society:** Analyze interiors, architecture, the decorative arts, and art within a historical and cultural context to inform contemporary design solutions that relate with the society for whom the design solution is to be provided.
- PO8. Synthesis of Concepts: Synthesize theories and concepts of spatial definition and organization

into multi-dimensional design solutions.

- **PO9. Modern Technique usage:** Specify furniture, fixtures, and equipment's of finish materials to meet the design criteria for a variety of interior spaces.
- **PO10. Environment and Sustainability:** Apply principles of lighting, acoustics, thermal comfort, and indoor air quality as required to enhance the health, safety, welfare, and performance of building occupants for overall sustainable development of the individuals.
- **PO11. Ethics:** Comply with laws, codes, and standards that impact fire safety and life safety.
- **PO12. Project/Construction Management:** Produce construction drawings and documents using industry standards for a variety of interior spaces. Employ environment-behaviour research methodologies to address open-ended problems in interior design.

D. Programme Specific Outcomes:

As part of the school's charter and mission, Amity School of Architecture and Planning is providing a vibrant planning environment, ensuring its under-graduates are not only valued by the planning practice, but are also able to:

- **PSO1.** Demonstrate critical thinking as they identify, analyze, and solve interior architecture and design problems through completion of interior design studio projects. Apply creative and critical thinking to solve interior environment problems from a human-cantered approach and apply this knowledge to design solutions.
- **PSO2.** Demonstrate preparation for global design practice by incorporating cultural norms of user populations and applying that knowledge to design solutions that support globally diverse end users.
- **PSO3.** Demonstrate effective visual, verbal, and written communication.
- **PSO4.** Apply ethical and professional practices.
- **PSO5.** Demonstrate social responsibility by designing sustainable interior environments that support indoor environmental quality and improve the quality of life for occupants.
- **PSO6.** Engage in integrative professional design practice by contributing interior architecture and design expertise to collaborative design teams.

Assessment Plan:

Component of	Description	Code	Weightage
Evaluation			%
Continuous Internal	Mid Term	СТ	10%
Evaluation	Seminar/Quiz/ Assignment	S/Q/A	15%
Attendance	A minimum of 75% Attendance is required to be maintained by a studentto be qualified for taking up the End Semester examination. The allowance of 25%	A	5%

	includes all types of leaves including medical leaves.		
End Semester	End Semester	VV	70%
Examination	(Viva-Voce)		
Total			100%

E. Syllabus

Module I: Design problem

Introduction to design problem with the methodology to proceed with the concept, Case studies and data collection through primary and secondary sources, Formulation of concept with client's requirements.

Module II: Design aspects

Design the interior keeping in view – the basic structural requirements, finishes, furniture layout, basic services (teaching parallel in BID 1207, Building Services and Fixtures -water supply and sanitation)

Module III: Design Exercise

Design the interiors for a space with a floor area of appx. 300sqm. – 400 sqm in a two storey structure with open courtyards in or around the built structure for 12 - 15 occupants (living or floating) on a plot size of minimum 500sqm. Design should be presented in 3D drawings (perspectives, axonometric, isometric views) rendered with textures, colors, patterns etc. **Examination Scheme:**

Components	Attendance	Mid-Term	Assignment	VV
Weightage (%)	5	10	15	70

CT: Class Test, A: Assignment, S/V/Q: Seminar/Viva/Quiz, EE: End Semester Examination; A: Attendance

F. Suggested Text/Reference Books:

- A Visual Dictionary of Architecture, Francis D.K. Ching [2] Creative Interiors (Design of Enclosed Space), Shashi Jain [3] Commercial Interior Perspectives, Graphic Sha (Editor) [4] Design with Wood, Carol Soucek King
- Drywall (Pro Tips for Hanging & Finishing), John D. Wagner
- Graphic Interiors (Space Designed by Graphic Artists), Corina Dean [7] Interior design illustrated, Francis D.K. Ching
- Graphic Interiors (Space Designed by Graphic Artists), Corina Dean
- Home Plumbing (The David & Charles Manual of), Ernest Hall
- House Book (The Complete Guide to Home Design), Terence Conran [12] Illustration + Perspectives (In Pantone Colors), Eiji Mitooka
- Elements of Architecture, Meiss Pieree Von
- Architecture: Form, Space and Order, Francis D.K. Ching

References:

- A.J. Metric Handbook, Jan Bilwa and Leslie Fair weather
- Architectural Graphic standards, Boaz Joseph
- The Curtain Book, Mitchll Beazlty
- Interior Design Visual, Maureen Mitton 2nd Edition
- 100 Bright Ideas For color, Sue Rose
- Window Fashion, Charles T. Randall
- Illustration + Perspectives (In Pantone Colors), Eiji Mitooka
- Elements of Architecture, Meiss Pieree Von

• Architecture: Form, Space and Order, Francis D.K. Ching

G. Lecture Plan

Lecture	Topics	Mode	Correspon	Mode of
		of	ding CO	Assessing
		Delivery		СО
1.	Design problem	Lecture	CO1	Mid Term-
	Introduction			1, Quiz &
				End Sem
				Exam
2.	Design problem	Lecture	CO1	Mid Term-
	Introduction			1, Quiz &
				End Sem
				Exam
3.	Design problem	Lecture	CO1	Mid Term-
	Introduction			1, Quiz &
				End Sem
				Exam
4.	Design problem Introduction	Lecture	CO1	Mid Term-
				1, Quiz &
				End Sem
				Exam
5.	Design problem	Lecture	CO1	Mid Term-
	Introduction			1, Quiz &
				End Sem
				Exam
6.	Introduction to design	Lecture	CO1	Mid Term-
	problem with the methodology to proceed			1, Quiz &
	with the concept			End Sem
	·			Exam
7.	Introduction to design	Lecture	CO1	Mid Term-
	problem with the methodology to proceed			1, Quiz &
	with the concept			End Sem
	·			Exam
8.	Introduction to design problem with the	Lecture	CO1	Mid Term-
	methodology to proceed			1, Quiz &
	with the concept			End Sem
	Introduction to design	Lastina	601	Exam
9.	problem with the	Lecture	CO1	Mid Term-
	methodology to proceed			1, Quiz & End Sem
	with the concept			
10.	Introduction to design	Locture	CO1	Exam Mid Term-
10.	problem with the	Lecture	CO1	
	methodology to proceed			1, Quiz & End Sem
	with the concept			Exam
11.	Introduction to design	Lecture	CO1	Mid Term-
11.	problem with the	Lecture		1, Quiz &
	methodology to proceed			End Sem
	with the concept			Exam
				LAGIII

12.	Introduction to design	Lecture	CO1	Mid Term-
12.	problem with the	Lectare		1, Quiz &
	methodology to proceed			End Sem
	with the concept			Exam
13.	Introduction to design	Lecture	CO1	Mid Term-
	problem with the	2233.2		1, Quiz &
	methodology to proceed			End Sem
	with the concept			Exam
14.	Introduction to design	Lecture	CO1	Mid Term-
	problem with the			1, Quiz &
	methodology to proceed			End Sem
	with the concept			Exam
15.	Introduction to design	Lecture	CO1	Mid Term-
	problem with the			1, Quiz &
	methodology to proceed with the concept			End Sem
	·			Exam
16.	Case studies and data	Lecture	CO1	Mid Term-
	collection through primary			1, Quiz &
	and secondary sources			End Sem
				Exam
17.	Case studies and data	Lecture	CO1	Mid Term-
	collection through primary			1, Quiz &
	and secondary sources			End Sem
10		<u>.</u>	001	Exam
18.	Case studies and data	Lecture	CO1	Mid Term-
	collection through primary			1, Quiz &
	and secondary sources			End Sem
19.	Case studies and data	Lecture	CO1	Exam Mid Term-
19.		Lecture	101	
	collection through primary			1, Quiz & End Sem
	and secondary sources			Exam
20.	Case studies and data	Lecture	CO1	Mid Term-
20.	collection through primary	Lecture		1, Quiz &
	and secondary sources			End Sem
	3000			Exam
21.	Case studies and data	Lecture	CO1	Mid Term-
	collection through primary			2, Quiz &
	and secondary sources			End Sem
	,			Exam
22.	Case studies and data	Lecture	CO1	Mid Term-
	collection through primary			2, Quiz &
	and secondary sources			End Sem
				Exam
23.	Case studies and data	Lecture	CO1	Mid Term-
	collection through primary			2, Quiz &
	and secondary sources			End Sem
				Exam
24.	Case studies and data	Lecture	CO1	Mid Term-

	collection through primary			2, Quiz &
	and secondary sources			End Sem
	and secondary sources			Exam
25.	Case studies and data	Locturo	CO1	Mid Term-
25.		Lecture	(01	
	collection through primary			2, Quiz &
	and secondary sources			End Sem
2.5				Exam
26.	Design the interior keeping	Lecture	CO2	Mid Term-
	in view – the basic			2, Quiz &
	structural requirements,			End Sem
	finishes, furniture layout,			Exam
	basic services			
27.	Design the interior keeping	Lecture	CO2	Mid Term-
	in view – the basic			2, Quiz &
	structural requirements,			End Sem
	finishes, furniture layout,			Exam
	basic services			
28.	Design the interior keeping	Lecture	CO2	Mid Term-
	in view – the basic			2, Quiz &
	structural requirements,			End Sem
	finishes, furniture layout,			Exam
	basic services			
29.	Design the interior keeping	Lecture	CO2	Mid Term-
	in view – the basic			2, Quiz &
	structural requirements,			End Sem
	finishes, furniture layout,			Exam
	basic services			
30.	Design the interior keeping	Lecture	CO2	Mid Term-
	in view – the basic			2, Quiz &
	structural requirements,			End Sem
	finishes, furniture layout,			Exam
	basic services			
31.	Design the interior keeping	Lecture	CO2	Mid Term-
	in view – the basic			2, Quiz &
	structural requirements,			End Sem
	finishes, furniture layout,			Exam
	basic services			
32.	Design the interior keeping	Lecture	CO2	Mid Term-
	in view – the basic			2, Quiz &
	structural requirements,			End Sem
	finishes, furniture layout,			Exam
	basic services			
33.	Design the interior keeping	Lecture	CO2	Mid Term-
	in view – the basic			2, Quiz &
	structural requirements,			End Sem
	finishes, furniture layout,			Exam
	basic services			
34.	Design the interior keeping	Lecture	CO2	Mid Term-
	in view – the basic			2, Quiz &
	structural requirements,			End Sem
<u> </u>	· · · · · · · · · · · · · · · · · · ·	1	1	

	finishes, furniture layout,			Exam
	basic services			
35.	Design the interior keeping	Lecture	CO2	Mid Term-
	in view – the basic			2, Quiz &
	structural requirements,			End Sem
	finishes, furniture layout,			Exam
	basic services			
36.	Design the interiors for a	Lecture	CO2	Mid Term-
	space with a floor area of			2, Quiz &
	appx. 300sqm. – 400 sqm			End Sem
	in a two storey structure			Exam
	with open courtyards in or			
	around the built structure			
	for 12 - 15 occupants (living			
	or floating) on a plot size of			
37.	minimum 500sqm. Design the interiors for a	Lecture	CO2	Quiz &
37.	space with a floor area of	Lecture	CO2	End Sem
	appx. 300sqm. – 400 sqm			Exam
	in a two storey structure			LXdIII
	with open courtyards in or			
	around the built structure			
	for 12 - 15 occupants (living			
	or floating) on a plot size of			
	minimum 500sqm.			
38.	Design the interiors for a	Lecture	CO2	Quiz &
	space with a floor area of			End Sem
	appx. 300sqm. – 400 sqm			Exam
	in a two storey structure			
	with open courtyards in or			
	around the built structure			
	for 12 - 15 occupants (living			
	or floating) on a plot size of			
	minimum 500sqm.	.	000	0 : 0
39.	Design the interiors for a	Lecture	CO2	Quiz &
	space with a floor area of			End Sem
	appx. 300sqm. – 400 sqm			Exam
	in a two storey structure			
	with open courtyards in or around the built structure			
	for 12 - 15 occupants (living			
	or floating) on a plot size of			
	minimum 500sqm.			
40.	Design the interiors for a	Lecture	CO2	Quiz &
	space with a floor area of	2000010	332	End Sem
	appx. 300sqm. – 400 sqm			Exam
	in a two storey structure			
	with open courtyards in or			
	around the built structure			
	for 12 - 15 occupants (living			
1	1 1 0	1		

	or floating) on a plot size of minimum 500sqm.			
41.	Design the interiors for a space with a floor area of appx. 300sqm. – 400 sqm in a two storey structure with open courtyards in or around the built structure for 12 - 15 occupants (living or floating) on a plot size of minimum 500sqm.	Lecture	CO2	Quiz & End Sem Exam
42.	Design the interiors for a space with a floor area of appx. 300sqm. – 400 sqm in a two storey structure with open courtyards in or around the built structure for 12 - 15 occupants (living or floating) on a plot size of minimum 500sqm.	Lecture	CO2	Quiz & End Sem Exam
43.	Design the interiors for a space with a floor area of appx. 300sqm. – 400 sqm in a two storey structure with open courtyards in or around the built structure for 12 - 15 occupants (living or floating) on a plot size of minimum 500sqm.	Lecture	CO2	Quiz & End Sem Exam
44.	Design the interiors for a space with a floor area of appx. 300sqm. – 400 sqm in a two storey structure with open courtyards in or around the built structure for 12 - 15 occupants (living or floating) on a plot size of minimum 500sqm.	Lecture	CO2	Quiz & End Sem Exam
45.	Design the interiors for a space with a floor area of appx. 300sqm. – 400 sqm in a two storey structure with open courtyards in or around the built structure for 12 - 15 occupants (living or floating) on a plot size of minimum 500sqm.	Lecture	CO2	Quiz & End Sem Exam
46.	Design should be presented in 3D drawings (perspectives, axonometric,	Lecture	CO2	Quiz & End Sem Exam

47.	isometric views) rendered with textures, colors, patterns etc. Design should be presented in 3D drawings (perspectives, axonometric, isometric views) rendered with textures, colors,	Lecture	CO2	Quiz & End Sem Exam
48.	patterns etc. Design should be presented in 3D drawings (perspectives, axonometric, isometric views) rendered with textures, colors, patterns etc.	Lecture	CO2	Quiz & End Sem Exam
49.	Design should be presented in 3D drawings (perspectives, axonometric, isometric views) rendered with textures, colors, patterns etc.	Lecture	CO2	Quiz & End Sem Exam
50.	Design should be presented in 3D drawings (perspectives, axonometric, isometric views) rendered with textures, colors, patterns etc.	Lecture	CO2	Quiz & End Sem Exam
51.	Design should be presented in 3D drawings (perspectives, axonometric, isometric views) rendered with textures, colors, patterns etc.	Lecture	CO3	Quiz & End Sem Exam
52.	Design should be presented in 3D drawings (perspectives, axonometric, isometric views) rendered with textures, colors, patterns etc.	Lecture	CO3	Quiz & End Sem Exam
53.	Design should be presented in 3D drawings (perspectives, axonometric, isometric views) rendered with textures, colors, patterns etc.	Lecture	CO3	Quiz & End Sem Exam
54.	Design should be presented in 3D drawings (perspectives, axonometric, isometric views) rendered with textures, colors, patterns etc.	Lecture	CO3	Quiz & End Sem Exam

55.	Design should be presented in	Lecture	CO3	Quiz &
	3D drawings (perspectives, axonometric, isometric views) rendered with textures, colors, patterns etc.			End Sem Exam
56.	Design should be presented in 3D drawings (perspectives, axonometric, isometric views) rendered with textures, colors, patterns etc.	Lecture	CO3	Quiz & End Sem Exam
57.	Design should be presented in 3D drawings (perspectives, axonometric, isometric views) rendered with textures, colors, patterns etc.	Lecture	CO3	Quiz & End Sem Exam
58.	Design should be presented in 3D drawings (perspectives, axonometric, isometric views) rendered with textures, colors, patterns etc.	Lecture	CO3	Quiz & End Sem Exam
59.	Design should be presented in 3D drawings (perspectives, axonometric, isometric views) rendered with textures, colors, patterns etc.	Lecture	CO3	Quiz & End Sem Exam
60.	Design should be presented in 3D drawings (perspectives, axonometric, isometric views) rendered with textures, colors, patterns etc.	Lecture	CO3	Quiz & End Sem Exam
61.	Design should be presented in 3D drawings (perspectives, axonometric, isometric views) rendered with textures, colors, patterns etc.	Lecture	CO3	Quiz & End Sem Exam
62.	Design should be presented in 3D drawings (perspectives, axonometric, isometric views) rendered with textures, colors, patterns etc.	Lecture	CO3	Quiz & End Sem Exam
63.	Design should be presented in 3D drawings (perspectives, axonometric, isometric views) rendered with textures, colors, patterns etc.	Lecture	CO3	Quiz & End Sem Exam

64.	Design should be presented in 3D drawings (perspectives, axonometric, isometric views) rendered with textures, colors, patterns etc.	Lecture	CO3	Quiz & End Sem Exam
65.	Design should be presented in 3D drawings (perspectives, axonometric, isometric views) rendered with textures, colors, patterns etc.	Lecture	CO3	Quiz & End Sem Exam
66.	Design should be presented in 3D drawings (perspectives, axonometric, isometric views) rendered with textures, colors, patterns etc.	Lecture	CO3	Quiz & End Sem Exam
67.	Design should be presented in 3D drawings (perspectives, axonometric, isometric views) rendered with textures, colors, patterns etc.	Lecture	CO3	Quiz & End Sem Exam
68.	Design should be presented in 3D drawings (perspectives, axonometric, isometric views) rendered with textures, colors, patterns etc.	Lecture	CO3	Quiz & End Sem Exam
69.	Design should be presented in 3D drawings (perspectives, axonometric, isometric views) rendered with textures, colors, patterns etc.	Lecture	CO3	Quiz & End Sem Exam
70.	Design should be presented in 3D drawings (perspectives, axonometric, isometric views) rendered with textures, colors, patterns etc.	Lecture	CO3	Quiz & End Sem Exam
71.	Design should be presented in 3D drawings (perspectives, axonometric, isometric views) rendered with textures, colors, patterns etc.	Lecture	CO3	Quiz & End Sem Exam
72.	Design should be presented in 3D drawings (perspectives, axonometric, isometric views) rendered with textures, colors, patterns etc.	Lecture	CO3	Quiz & End Sem Exam

73.	Design should be presented in 3D drawings (perspectives, axonometric, isometric views) rendered with textures, colors, patterns etc.	Lecture	CO3	Quiz & End Sem Exam
74.	Design should be presented in 3D drawings (perspectives, axonometric, isometric views) rendered with textures, colors, patterns etc.	Lecture	CO3	Quiz & End Sem Exam
75.	Design should be presented in 3D drawings (perspectives, axonometric, isometric views) rendered with textures, colors, patterns etc.	Lecture	CO3	Quiz & End Sem Exam

H. Course Articulation Matrix (Mapping of COs with POs)

СО	STATEMENT	P O	COF P O	P O	OUTCOMES S P P P P P P P P P P P P	PRO	RELAT GRAM CIFIC O PS O2	ME	MES	PS OF								
		1	2	3	4	5	6	7	8	9	1 0	1	1 2	01	02	03	04	
CO 01	Apply knowledge of construction material, methods, and process to transform idea in to design;	3	2	3	3	2	2	2	3	3	1	1	3	3	1	3	3	-
CO 02	Develop the design for all kind of wooden material, Staircase, door, window, glazed window and partition, paneling and storage cabinet;																	
CO 03	Compare different design suiting the purpose/function and principles of design;																	

Sample Question Paper

Amity School of Architecture & Planning I MID-SEMESTER (SEM –II) 2021-22 Class: BID II Semester Subject Name: BID 201 Time: 2 Hrs Max. Marks: 10 Interior Design Studio – II Analyzing Evaluating Creating Levels of the Remembering Understanding **Applying** questions as per Blooms Taxonomy Question Q.1,4 Q.2,3 Q.4 Q.2,5,6 Mapping

Student will be able to

CO1: List the broad perceptive of cloud architecture and model.

CO2: Apply different cloud programming models as per need.

CO Map	Question No.	Question	Marks
CO1	Q.1	Explain in brief the cloud computing concept.	3
CO1	Q.2a	What are the essential characteristics of cloud computing?	3
	Q.2b	How is cloud computing requirements and cloud servicerequirement services related to each other?	3
CO1	Q.3	Sketch NIST Cloud Computing Reference Architecture and depictits elements	6
CO2	Q.4	Explain the significance of Cloud Reference Model	3
603	Q.5a	Elaborate different cloud types with example.	3
CO2	Q.5b	Write characteristics of private cloud.	3
CO2	Q 6	How virtualization is applied in cloud computing scenario?	6

Attainments		Rubric
Level	1	IF 60% of students secure more than 60% marks then level 1
Level	2	IF 70% of students secure more than 60% marks then level 2

Level	3	IF 80% of students secure more than 60% marks then level 3

Course outcome: Based on internal and external assessment the level of Course outcome attainment of the course BID /Course code 201 is level 2 for the academic year 2021-2022.

AMITY UNIVERSITY MADHYA PRADESH, GWALIOR AMITY SCHOOL OF ARCHITECTURE AND PLANNING DEPARTMENT OF ARCHITECTURE AND PLANNING

PROGRAMME OUTCOMES AND PROGRAMME SPECIFIC OUTCOMES Bachelor of Interior Design (BID), Academic Year – 2021-22

Program Outcomes:

- **PO1. Design Knowledge:** Incorporate a global perspective when making design decisions, based on sustainable, socio-economic, and cultural contexts.
- PO2. Problem Analysis: Apply theories of human behaviour to human-centered design solutions.
- **PO3.** Design/Development of Solutions: Apply the design process to generate creative solutions to complex problems optimizing the human experience within the interior environment. Apply theory, psychology, and methodology of color to designs of the interior environment.
- **PO4. Individual and Team Work:** Collaborate in multi-disciplinary teams respecting a variety of points of view and perspectives that enrich the process and product of the team.
- **PO5. Communication:** Communicate complex ideas clearly to specialists and non-specialists through appropriate oral, written, and representational media.
- **PO6. Life Long Learning:** Exemplify accepted standards of professionalism and business practice including a commitment to engage in lifelong learning.
- **PO7. Context and Society:** Analyze interiors, architecture, the decorative arts, and art within a historical and cultural context to inform contemporary design solutions that relate with the society for whom the design solution is to be provided.
- **PO8. Synthesis of Concepts:** Synthesize theories and concepts of spatial definition and organization into multi-dimensional design solutions.
- **PO9. Modern Technique usage:** Specify furniture, fixtures, and equipment's of finish materials to meet the design criteria for a variety of interior spaces.
- **PO10.** Environment and Sustainability: Apply principles of lighting, acoustics, thermal comfort, and indoor air quality as required to enhance the health, safety, welfare, and performance of building occupants for overall sustainable development of the individuals.
- PO11. Ethics: Comply with laws, codes, and standards that impact fire safety and life safety.

PO12. Project/Construction Management: Produce construction drawings and documents using industry standards for a variety of interior spaces. Employ environment-behaviour research methodologies to address open-ended problems in interior design.

Program Specific Outcome:

As part of the school's charter and mission, Amity School of Architecture and Planning is providing a vibrant planning environment, ensuring its under-graduates are not only valued by the planning practice, but are also able to:

PSO1. Demonstrate critical thinking as they identify, analyze, and solve interior architecture and design problems through completion of interior design studio projects. Apply creative and critical thinking to solve interior environment problems from a human-cantered approach and apply this knowledge to design solutions.

PSO2. Demonstrate preparation for global design practice by incorporating cultural norms of user populations and applying that knowledge to design solutions that support globally diverse end users.

PSO3. Demonstrate effective visual, verbal, and written communication.

PSO4. Apply ethical and professional practices.

PSO5. Demonstrate social responsibility by designing sustainable interior environments that support indoor environmental quality and improve the quality of life for occupants.

PSO6. Engage in integrative professional design practice by contributing interior architecture and design expertise to collaborative design teams.

Note: - Correlation levels 1, 2 and 3 as defined below:

1: Slight (Low), 2: Moderate (Medium) and 3: Substantial (High)

If there is no correlation, put "-"

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SEM	SUBJECT CODE	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12	PO 13	PO 14	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5	PSO 6
	BID101	3	3	3	3	2	1	2	3	3	1	1	3	3	1	3	3	-	-	2	-
	BID102	2	2	3	2	2	1	-		1	2	2	2	-	1	1	3	-	-	-	-
	BID103	2	2	1	-	3	1	2	3	3	2	1	1	2	2	3	3	1	-	-	-
- 1	BID104	1	1	1	2	-	-	-	2	-	-	-	2	-	-	1	1	-	-	-	-
	BID105	3	2	3	2	1	1	2	3	1	2	-	3	-	1	3	3	-	-	2	-
	BID106	-	1	-	-	-	-	3	2	-	-	-	-	-	1	1	1	-	-	-	-
	BID107	3	2	3	3	1	1	3	-	3	3	-	3	2	3	3	3	3	-	-	-
	BID201	3	2	3	3	2	2	2	3	3	1	1	3	3	1	3	3	-	-	2	-
	BID202	3	-	3	2	2	2	-	1	1	1	3	3	2	1	1	2	-	-	-	-
	BID203	2	2	1	1	3	2	2	3	3	2	1	2	2	1	3	3	1	-	2	-
П	BID204	1	3	1	-	-	-	-	1	1	-	-	2	-	1	1	1	-	-	-	-
	BID205	1	-	3	3	1	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-
	BID206	1	1	-	-	-	-	3	3	3	-	-	-	-	-	1	3	-	-	-	-
	BID207	3	-	1	3	1	1	-	1	3	3	3	3	3	3	3	3	3	-	-	-
	BID301	3	3	3	3	2	2	2	3	3	1	1	2	3	1	3	3	-	-	2	-
	BID302	2	-	3	2	2	2	-	1	1	1	2	2	2	1	1	1	-	-	-	-
	BID303	2	2	2	2	-	3	2	-	1	-	-	-	2	-	1	1	-	-	-	-
Ш	BID304	3	3	-	-	3	-	-	3	3	-	-	-	-	-	1	1	-	-	-	-
	BID305	1	-	3	3	1	2	-	-	-	-	-	-	-	-	1	-	-	-	-	-
	BID306	1	1	-	-	2	-	3	3	3	-	-	-	-	-	-	-	-	-	-	-
	BID307	1	3	1	-	3	-	-	3	3	-	-	-	-	3	-	-	-	-	2	-
	BID401	3	3	3	3	2	2	2	3	3	2	1	2	3	1	3	3	-	-	2	-
	BID402	2	1	3	2	2	2	-	1	-	2	1	2	3	1	1	1	-	-	2	-
	BID403	2	2	2	3	1	2	1	1	-	-	-	-	2	-	3	1	-	-	2	-
IV	BID404	3	-	2	3	1	2	1	1	-	1	2	2	2	-	1	1	-	-	2	-
	BID405	3	1	1	1	1	1	-	3	3	3	2	2	1	1	3	3	-	-	-	-
	BID406	3	3	3	3	3	2	3	2	3	3	2	3	-	-	1	3	-	-	2	-
	BID407	3	2	3	3	2	2	2	2	3	3	-	-	-	1	1	3	-	-	-	-
	BID501	3	3	3	3	2	2	2	3	3	3	1	2	3	1	3	1	-	-	2	-
	BID502	2	1	3	2	2	2	1	1	-	1	1	2	3	1	1	1	-	-	-	-
V	BID503	2	1	2	3	-	3	1	1	-	-	3	-	2	3	3	1	-	-	2	-
V	BID504	2	1	1	3	-	3	-	-	-	-	3	-	2	3	3	1	-	-	2	-
	BID505	1	1	-	-	1	-	3	3	3	-	-	1	-	3	1	1	3	-	-	-
	BID506	3	3	3	3	2	2	3	3	2	3	3	3	3	1	3	3	-	-	2	-
	BID601	3	3	3	3	2	2	2	3	3	3	3	1	3	1	3	3	-	-	2	-
	BID602	1	-	3	3	2	2	2	3	3	-	2	1	-	-	3	3	3	-	-	-
	BID603	3	3	2	2	1	1	1	3	3	1	2	2	2	3	3	3	-	-	-	-
VI	BID604	3	2	3	3	2	2	2	3	3	3	2	3	3	-	3	3	-	-	2	-
	BID605	2	-	1	3	-	-	-	-	-	-	-	-	-	3	3	-	-	-	-	-
	BID606	3	2	3	3	1	2	2	3	3	-	3	-	-	-	3	2	-	-	-	-
	BID607	2	3	3	3	1	2	2	3	3	1	-	-	-	3	3	2	-	-	-	-
VII	BID701	3	3	3	3	2	3	ı	3	2	1	-	3	3	3	3	ı	-	-	2	-
VIII	BID 801	3	3	3	3	2	2	2	3	3	1	3	2	3	3	3	3	-	-	2	-

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BID 802	-	-	-	-	1	1	-	1	-	-	-	-	3	3	2	3	3	3	-	3
BID 803	1	-	2	1	1	2	-	2	1	-	1	-	2	3	2	1	2	-	-	-
BID 804	3	1	2	2	2	1	-	2	2	1	-	2	-	-	-	1	-	-	-	-
BID 805	1	3	1	1	2	1	2	1	2	1	1	-	2	1	2	-	-	-	-	-

DEPARTMENT OF ARCHITECTURE & PLANNING

Course Handout

Course: MATERIALS & CONSTRUCTION TECHNIQUES-I

Course Code: BID 202, Crédits: 03, Session: 2021-22 (Even Sem.), Class: BID 1st Year

Faculty Name: Ar. Manish Kumar Chitranshi

I. Introduction: The course will use a mix of drawings, case study and sketching & hands on exercise. Participants are encouraged to engage in active interaction through classroom participation. The students should be able to learn: construction properties and cases of traditional building materials used in construction.

J. Course Outcomes: At the end of the course, students will be able to:

CO1: The students should be able to learn: construction properties and cases of traditional building materials used in construction.

CO2: To familiarize the students with construction properties and cases of traditional building materials used in construction.

CO3: To understand the use of these traditional building materials in simple building works.

K. Programme Outcomes:

- **PO1. Design Knowledge:** Incorporate a global perspective when making design decisions, based on sustainable, socio-economic, and cultural contexts.
- PO2. Problem Analysis: Apply theories of human behaviour to human-centered design solutions.
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- **PSO3.** Demonstrate effective visual, verbal, and written communication.
- **PSO4.** Apply ethical and professional practices.
- **PSO5.** Demonstrate social responsibility by designing sustainable interior environments that support indoor environmental quality and improve the quality of life for occupants.
- **PSO6.** Engage in integrative professional design practice by contributing interior architecture and design expertise to collaborative design teams.

Assessment Plan:

Component of	Description	Code	Weightage
Evaluation			%
Continuous Internal	Mid Term	СТ	10%
Evaluation	Seminar/Quiz/ Assignment	S/Q/A	15%
Attendance	A minimum of 75% Attendance is required to be maintained by a studentto be qualified for taking up the End Semester examination. The allowance of 25% includes all types of leaves including medical leaves.	A	5%

End Semester	End Semester	EE	70%
Examination	(Viva-Voce)		
Total			100%

M. Syllabus

Module I: Material

Mud and Clay Products: Mud including stabilized earth, Burnt Brinks, Brick Tiles, Brick Ballest and Surkhi, Stone, Lime, Sand, Surkhi, Cement, Mortar, Concrete: Classification, Availability, Preparation, Characteristics, Manufacturing and Uses.

Module II: Material

Brick Work: Brick work with different materials i.e. mud, clay, glass, concrete, wood, timber, flyash Water Proof Materials: Asphalt, Bitumen, and Synthetic

Module III: Construction

Element of building: Terminology, nomenclature if various parts of building from

foundation to roof.

Brick Works: Brick Terminology, Simple bonds in Brick work. Detail at junctions.

Arches, Brick, Stone, elementary principles, Definition and centering, Corbelling

Coping string Courses, Decorative Brick Work, Brick Jalis. Special Bond, Garden bond

etc.

Module III: Construction

Stone work: Elementary Stone Masonry, Types of Joints, Random, Course and Ashlar Stone Work. Foundation: Need, Design criteria, Foundation for load bearing walls of various thicknesses.

Examination Scheme:

Components	Attendance	Mid-Term	Assignment	EE
Weightage (%)	5	10	15	70

CT: Class Test, A: Assignment, S/V/Q: Seminar/Exam/Quiz, EE: End Semester Examination; A: Attendance [1] A VisualDictionary of Architecture, Francis D.K. Ching

- [2] Interior design illustrated, Francis D.K. Ching
- [3] House Book (The Complete Guide to Home Design), Terence Conran
- [4] Masonry (Concrete, Brick, Stone), Christine Beall
- [5] MetricHandbook (Planning&Design Data) 2nd Ed. Edited By, David Adler

References:

N. • Window Fashion, Charles T. Randall

- O. Illustration + Perspectives (In Pantone Colors), Eiji Mitooka
- **P.** Elements of Architecture, Meiss Pieree Von
- Q. Architecture: Form, Space and Order, Francis D.K. Ching
- R. The Construction of Building Vol- 1 to 5, R. Barry
- **S.** Building Construction, N.L. Arora &, B.R. Gupta
- T. InteriorDetail 1 (Residence), Jeong, Kwang Young
- U. Interior Spaces Vol 6 (A Pictorial Review), Image Publishing Group

Lecture Plan

	Tre Plan	8.01	0	na de C
Lecture	Topics	Mode	Correspon	Mode of
		of	ding CO	Assessing
		Delivery		СО
76.	Mud and Clay Products	Lecture	CO1	Mid Term-
				1, Quiz &
				End Sem
				Exam
77.	Mud and Clay Products	Lecture	CO1	Mid Term-
				1, Quiz &
				End Sem
				Exam
78.	Mud and Clay Products	Lecture	CO1	Mid Term-
				1, Quiz &
				End Sem
				Exam
79.	Mud and Clay Products	Lecture	CO1	Mid Term-
	I waa ana ciay i i caacis			1, Quiz &
				End Sem
				Exam
80.	Mud and Clay Products	Lecture	CO1	Mid Term-
				1, Quiz &
				End Sem
				Exam
81.	Mud and Clay Products	Lecture	CO1	Mid Term-
				1, Quiz &
				End Sem
				Exam
82.	Mud including stabilized earth,	Lecture	CO1	Mid Term-
	Burnt Brinks, Brick Tiles,			1, Quiz &
	Brick Ballest and Surkhi, Stone,			End Sem
	Lime, Sand, Surkhi, Cement,			Exam
	Mortar, Concrete:			27.57.11
	Classification, Availability,			
	Preparation, Characteristics,			
63	Manufacturing and Uses.	Last	604	NAC J.T.
83.	Mud including stabilized earth,	Lecture	CO1	Mid Term-
	Burnt Brinks, Brick Tiles, Brick Ballest and Surkhi, Stone,			1, Quiz &
	Lime, Sand, Surkhi, Cement,			End Sem
	Mortar, Concrete:			Exam
	Classification, Availability,			
	Preparation, Characteristics,			
	Manufacturing and Uses.			

84.	Mud including stabilized earth,	Lecture	CO1	Mid Term-
	Burnt Brinks, Brick Tiles,			1, Quiz &
	Brick Ballest and Surkhi, Stone,			End Sem
	Lime, Sand, Surkhi, Cement,			Exam
	Mortar, Concrete:			
	Classification, Availability,			
	Preparation, Characteristics,			
	Manufacturing and Uses.			
85.	Mud including stabilized earth,	Lecture	CO1	Mid Term-
	Burnt Brinks, Brick Tiles,			1, Quiz &
	Brick Ballest and Surkhi, Stone,			End Sem
	Lime, Sand, Surkhi, Cement,			Exam
	Mortar, Concrete:			
	Classification, Availability,			
	Preparation, Characteristics,			
	Manufacturing and Uses.			
86.	Mud including stabilized earth,	Lecture	CO1	Mid Term-
	Burnt Brinks, Brick Tiles,			1, Quiz &
	Brick Ballest and Surkhi, Stone,			End Sem
	Lime, Sand, Surkhi, Cement,			Exam
	Mortar, Concrete:			
	Classification, Availability,			
	Preparation, Characteristics,			
	Manufacturing and Uses.			
87.	Mud including stabilized earth,	Lecture	CO1	Mid Term-
	Burnt Brinks, Brick Tiles,			1, Quiz &
	Brick Ballest and Surkhi, Stone,			End Sem
	Lime, Sand, Surkhi, Cement,			Exam
	Mortar, Concrete:			
	Classification, Availability,			
	Preparation, Characteristics,			
	Manufacturing and Uses.			
88.	Mud including stabilized earth,	Lecture	CO1	Mid Term-
	Burnt Brinks, Brick Tiles,			1, Quiz &
	Brick Ballest and Surkhi, Stone,			End Sem
	Lime, Sand, Surkhi, Cement,			Exam
	Mortar, Concrete:			
	Classification, Availability,			
	Preparation, Characteristics,			
	Manufacturing and Uses.			
89.	Mud including stabilized earth,	Lecture	CO1	Mid Term-
	Burnt Brinks, Brick Tiles,			1, Quiz &
	Brick Ballest and Surkhi, Stone,			End Sem
	Lime, Sand, Surkhi, Cement,			Exam
	Mortar, Concrete:			
	Classification, Availability,			
	Preparation, Characteristics,			
	Manufacturing and Uses.	1	604	n a: 1 =
90.	Mud including stabilized earth,	Lecture	CO1	Mid Term-
	Burnt Brinks, Brick Tiles,			1, Quiz &
	Brick Ballest and Surkhi, Stone,			End Sem
	Lime, Sand, Surkhi, Cement,			Exam
	Mortar, Concrete:			

	Classification, Availability, Preparation, Characteristics, Manufacturing and Uses.			
91.	Brick Work: Brick work with different materials i.e. mud, clay, glass, concrete, wood, timber, flyash Water Proof Materials: Asphalt, Bitumen, and Synthetic	Lecture	CO2	Mid Term- 1, Quiz & End Sem Exam
92.	Brick Work: Brick work with different materials i.e. mud, clay, glass, concrete, wood,	Lecture	CO2	Mid Term- 1, Quiz & End Sem Exam
93.	timber, flyash Water Proof Materials: Asphalt, Bitumen, and Synthetic	Lecture	CO2	Mid Term- 1, Quiz & End Sem Exam
94.	Brick Work: Brick work with different materials i.e. mud, clay, glass, concrete, wood,	Lecture	CO2	Mid Term- 1, Quiz & End Sem Exam
95.	timber, flyash Water Proof Materials: Asphalt, Bitumen, and Synthetic	Lecture	CO2	Mid Term- 1, Quiz & End Sem Exam
96.	Brick Work: Brick work with different materials i.e. mud, clay, glass, concrete, wood,	Lecture	CO2	Mid Term- 2, Quiz & End Sem Exam
97.	timber, flyash Water Proof Materials: Asphalt, Bitumen, and Synthetic	Lecture	CO2	Mid Term- 2, Quiz & End Sem Exam
98.	Brick Work: Brick work with different materials i.e. mud, clay, glass, concrete, wood,	Lecture	CO2	Mid Term- 2, Quiz & End Sem Exam
99.	timber, flyash Water Proof Materials: Asphalt, Bitumen, and Synthetic	Lecture	CO2	Mid Term- 2, Quiz & End Sem Exam
100.	Brick Work: Brick work with different materials i.e. mud, clay, glass, concrete, wood,	Lecture	CO2	Mid Term- 2, Quiz & End Sem Exam
101.	timber, flyash Water Proof Materials: Asphalt, Bitumen, and Synthetic	Lecture	CO2	Mid Term- 2, Quiz & End Sem Exam

102.	Brick Work: Brick work with different materials i.e. mud, clay, glass, concrete, wood,	Lecture	CO2	Mid Term- 2, Quiz & End Sem Exam
103.	Element of building: Terminology, nomenclature if various parts of building from foundation to roof. Brick Works: Brick Terminology, Simple bonds in Brick work. Detail at junctions. Arches, Brick, Stone, elementary principles, Definition and centering, Corbelling Coping string Courses, Decorative Brick Work, Brick Jalis. Special Bond, Garden bond etc.	Lecture	CO2	Mid Term- 2, Quiz & End Sem Exam
104.	Element of building: Terminology, nomenclature if various parts of building from foundation to roof. Brick Works: Brick Terminology, Simple bonds in Brick work. Detail at junctions. Arches, Brick, Stone, elementary principles, Definition and centering, Corbelling Coping string Courses, Decorative Brick Work, Brick Jalis. Special Bond, Garden bond etc.	Lecture	CO2	Mid Term- 2, Quiz & End Sem Exam
105.	Element of building: Terminology, nomenclature if various parts of building from foundation to roof. Brick Works: Brick Terminology, Simple bonds in Brick work. Detail at junctions. Arches, Brick, Stone,	Lecture	CO2	Mid Term- 2, Quiz & End Sem Exam

	1		_	T
	elementary principles, Definition and centering, Corbelling Coping string Courses, Decorative Brick Work, Brick Jalis. Special Bond, Garden bond etc.			
106.	Element of building: Terminology, nomenclature if various parts of building from foundation to roof. Brick Works: Brick Terminology, Simple bonds in Brick work. Detail at junctions. Arches, Brick, Stone, elementary principles, Definition and centering, Corbelling Coping string Courses, Decorative Brick Work, Brick Jalis. Special Bond, Garden bond etc.	Lecture	CO3	Mid Term- 2, Quiz & End Sem Exam
107.	Element of building: Terminology, nomenclature if various parts of building from foundation to roof. Brick Works: Brick Terminology, Simple bonds in Brick work. Detail at junctions. Arches, Brick, Stone, elementary principles, Definition and centering, Corbelling Coping string Courses, Decorative Brick Work, Brick Jalis. Special Bond, Garden bond etc.	Lecture	CO3	Mid Term- 2, Quiz & End Sem Exam
108.	Element of building: Terminology, nomenclature if various parts of building from foundation to roof. Brick Works: Brick	Lecture	CO3	Mid Term- 2, Quiz & End Sem Exam

	T			1
	Terminology, Simple bonds in Brick work. Detail at junctions. Arches, Brick, Stone, elementary principles, Definition and centering, Corbelling Coping string Courses, Decorative Brick Work, Brick Jalis. Special Bond, Garden bond etc.			
109.	Element of building: Terminology, nomenclature if various parts of building from foundation to roof. Brick Works: Brick Terminology, Simple bonds in Brick work. Detail at junctions. Arches, Brick, Stone, elementary principles, Definition and centering, Corbelling Coping string Courses, Decorative Brick Work, Brick Jalis. Special Bond, Garden bond etc.	Lecture	CO3	Mid Term- 2, Quiz & End Sem Exam
110.	Element of building: Terminology, nomenclature if various parts of building from foundation to roof. Brick Works: Brick Terminology, Simple bonds in Brick work. Detail at junctions. Arches, Brick, Stone, elementary principles, Definition and centering, Corbelling Coping string Courses, Decorative Brick Work, Brick Jalis. Special Bond, Garden bond etc.	Lecture	CO3	Mid Term- 2, Quiz & End Sem Exam
111.	Element of building: Terminology, nomenclature	Lecture	CO3	Mid Term- 2, Quiz &

	if you have name after that is			Final Carra
	if various parts of building from foundation to roof. Brick Works: Brick Terminology, Simple bonds in Brick work. Detail at junctions. Arches, Brick, Stone, elementary principles, Definition and centering, Corbelling Coping string Courses, Decorative Brick Work, Brick Jalis. Special Bond, Garden bond			End Sem Exam
112.	etc. Element of building: Terminology, nomenclature if various parts of building from foundation to roof. Brick Works: Brick Terminology, Simple bonds in Brick work. Detail at junctions. Arches, Brick, Stone, elementary principles, Definition and centering, Corbelling Coping string Courses, Decorative Brick Work, Brick Jalis. Special Bond, Garden bond etc.	Lecture	CO3	Quiz & End Sem Exam
113.	Stone work: Elementary Stone Masonry, Types of Joints, Random, Course and Ashlar Stone Work. Foundation: Need, Design criteria, Foundation for load bearing walls of various thicknesses.	Lecture	CO3	Quiz & End Sem Exam
114.	Stone work: Elementary Stone Masonry, Types of Joints, Random, Course and Ashlar Stone Work. Foundation: Need, Design	Lecture	CO3	Quiz & End Sem Exam

	criteria, Foundation for load bearing walls of various thicknesses.			
115.	Stone work: Elementary Stone Masonry, Types of Joints, Random, Course and Ashlar	Lecture	CO3	Quiz & End Sem Exam
116.	Stone Work.	Lecture	CO3	Quiz & End Sem Exam
117.	Foundation: Need, Design criteria, Foundation for load bearing walls of various	Lecture	CO3	Quiz & End Sem Exam
118.	thicknesses.	Lecture	CO3	Quiz & End Sem Exam
119.	Stone work: Elementary Stone Masonry, Types of Joints, Random, Course and Ashlar	Lecture	CO3	Quiz & End Sem Exam
120.	Stone Work.	Lecture	CO3	Quiz & End Sem Exam

V. Course Articulation Matrix (Mapping of COs with POs)

CO	STATEMENT		COF	RREL		N W DUT(CORRELATION WITH PROGRAMME SPECIFIC OUTCOMES								
		Р											Р	PS	PS	PS	PS	PS
		О	0	0	0	0	0	0	0	0	0	0	О	01	02	03	04	05
		1	2	3	4	5	6	7	8	9	1	1	1					
											0	1	2					
CO 01	The students should																	
	be able to learn:																	
	construction																	
	properties and cases	3	-	3	2	2	2	-	1	1	1	3	3	2	1	1		
	of traditional building																	
	materials used in																	
	construction															2		

CO 02	To familiarize the									
	students									
	with									
	construction									
	properties									
	and cases of									
	traditional									
	building									
	materials									
	used in									
	construction.									
CO 03	To understand the									
	use of these									
	traditional									
	building									
	materials in									
	simple									
	building									
	works.									

Sample Question Paper

Amity School of Architecture & Planning MID-SEMESTER (SEM –II) 2021-22													
Class: BID II Semester													
Subject Name: BID Material & Constru		Time: 2 Hrs			Ma	x. Marks: 10)						
Levels of the questions as per Blooms Taxonomy	Remembering	Understanding	Applying	Analyz	zing	Evaluating	Creating						
Question Mapping Q.1,4 Q.2,3 Q.4 Q.2,5,6													

Student will be able to

CO1: List the broad perceptive of cloud architecture and model.

CO2: Apply different cloud programming models as per need.

CO Map	Question No.	Question	Marks
CO1	Q.1	Explain in brief the cloud computing concept.	3
CO1	Q.2a	What are the essential characteristics of cloud computing?	3
	Q.2b	How is cloud computing requirements and cloud servicerequirement services related to	3

		each other?	
CO2	Q.3	Sketch NIST Cloud Computing Reference Architecture and depictits elements	6
CO2	Q.4	Explain the significance of Cloud Reference Model	3
CO2	Q.5a	Elaborate different cloud types with example.	3
CO3	Q.5b	Write characteristics of private cloud.	3
CO3	Q 6	How virtualization is applied in cloud computing scenario?	6

	Rubric
1	IF 60% of students secure more than 60% marks then level 1
2	IF 70% of students secure more than 60% marks then level 2
3	IF 80% of students secure more than 60% marks then level 3
	2 3

Course outcome: Based on internal and external assessment the level of Course outcome attainment of the course BID/Course code BID 202 Is level 01 for the academic year 2021-2022.





AMITY UNIVERSITY MADHYA PRADESH, GWALIOR

AMITY SCHOOL OF ARCHITECTURE AND PLANNING

DEPARTMENT OF ARCHITECTURE AND PLANNING

PROGRAMME OUTCOMES AND PROGRAMME SPECIFIC OUTCOMES

Bachelor of Interior Design (BID), Academic Year – 2021-22

Program Outcomes:

- **PO1. Design Knowledge:** Incorporate a global perspective when making design decisions, based on sustainable, socio-economic, and cultural contexts.
- PO2. Problem Analysis: Apply theories of human behaviour to human-centered design solutions.
- **PO3.** Design/Development of Solutions: Apply the design process to generate creative solutions to complex problems optimizing the human experience within the interior environment. Apply theory, psychology, and methodology of color to designs of the interior environment.
- **PO4. Individual and Team Work:** Collaborate in multi-disciplinary teams respecting a variety of points of view and perspectives that enrich the process and product of the team.
- **PO5. Communication:** Communicate complex ideas clearly to specialists and non-specialists through appropriate oral, written, and representational media.
- **PO6. Life Long Learning:** Exemplify accepted standards of professionalism and business practice including a commitment to engage in lifelong learning.
- **PO7. Context and Society:** Analyze interiors, architecture, the decorative arts, and art within a historical and cultural context to inform contemporary design solutions that relate with the society for whom the design solution is to be provided.
- **PO8. Synthesis of Concepts:** Synthesize theories and concepts of spatial definition and organization into multi-dimensional design solutions.
- **PO9. Modern Technique usage:** Specify furniture, fixtures, and equipment's of finish materials to meet the design criteria for a variety of interior spaces.
- **PO10. Environment and Sustainability:** Apply principles of lighting, acoustics, thermal comfort, and indoor air quality as required to enhance the health, safety, welfare, and performance of building occupants for overall sustainable development of the individuals.
- **PO11. Ethics:** Comply with laws, codes, and standards that impact fire safety and life safety.
- **PO12. Project/Construction Management:** Produce construction drawings and documents using industry standards for a variety of interior spaces. Employ environment-behaviour research methodologies to address open-ended problems in interior design.

Program Specific Outcome:

As part of the school's charter and mission, Amity School of Architecture and Planning is providing a vibrant planning environment, ensuring its under-graduates are not only valued by the planning practice, but are also able to:

PSO1. Demonstrate critical thinking as they identify, analyze, and solve interior architecture and design problems through completion of interior design studio projects. Apply creative and critical thinking to solve interior environment problems from a human-cantered approach and apply this knowledge to design solutions.

- **PSO2.** Demonstrate preparation for global design practice by incorporating cultural norms of user populations and applying that knowledge to design solutions that support globally diverse end users.
- **PSO3.** Demonstrate effective visual, verbal, and written communication.
- **PSO4.** Apply ethical and professional practices.
- **PSO5.** Demonstrate social responsibility by designing sustainable interior environments that support indoor environmental quality and improve the quality of life for occupants.
- **PSO6.** Engage in integrative professional design practice by contributing interior architecture and design expertise to collaborative design teams.

Note: - Correlation levels 1, 2 and 3 as defined below:

1: Slight (Low), 2: Moderate (Medium) and 3: Substantial (High)

If there is no correlation, put "-"

	PROGRAMME ARTICULATION MATRIX																				
SEM	SUBJECT CODE	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12	PO 13	PO 14	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5	PSO 6
	BID101	3	3	3	3	2	1	2	3	3	1	1	3	3	1	3	3	-	-	2	-
	BID102	2	2	3	2	2	1	-		1	2	2	2	1	1	1	3	-	-	ı	-
	BID103	2	2	1	-	3	1	2	3	3	2	1	1	2	2	3	3	1	-	1	-
- 1	BID104	1	1	1	2	1	-	-	2	-	1	•	2	1	•	1	1	-	-	ı	-
	BID105	3	2	3	2	1	1	2	3	1	2	-	3	-	1	3	3	-	-	2	-
	BID106	-	1	-	-	1	-	3	2	-	1	ı	-	ı	1	1	1	-	-	1	-
	BID107	3	2	3	3	1	1	3	-	3	3	•	3	2	3	3	3	3	-	-	-
	BID201	3	2	3	3	2	2	2	3	3	1	1	3	3	1	3	3	-	-	2	-
	BID202	3	-	3	2	2	2	-	1	1	1	3	3	2	1	1	2	-	-	-	-
Ш	BID203	2	2	1	1	3	2	2	3	3	2	1	2	2	1	3	3	1	-	2	-
	BID204	1	3	1	-	-	-	-	1	1	-	-	2	-	1	1	1	-	-	-	-
	BID205	-	-	3	3	1	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-

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	BID206 BID207	3	1	1	-	-	1	3	3	3	-	-	-	-	2	2	3	-	-	-	-
	BID301	3	3	3	3	2	2	2	3	3	3	3	3	3	3	3	3	3	-	-	-
	BID301	2	-	3	2	2	2	-				2	2		1	1	3	-	-	2	-
	BID302	2	2	2	2	-	3	2	1	1	1	-	-	2	-	1	1	-	-	-	-
	BID303	3	3	-	-	3	-		3	3	_	_	_	_	_	1	1	-	-	-	-
""	BID304	-	-	3	3	1	2	_	-	-	_	_	_	_	_	1	1	_	-	-	_
	BID305	-	1	-	-	2	-	3	3	3	_	_	_	_	_	-	_	-	_	_	_
	BID307	1	3	1	_	3	-	-	3	3	_	_	_	_	3	_	_	-	_	2	_
	BID401	3	3	3	3	2	2	2	3	3	2	1	2	3	1	3	3	-	-	2	_
	BID402	2	1	3	2	2	2	-	1	-	2	1	2	3	1	1	1	-	_	2	_
	BID403	2	2	2	3	1	2	1	1	_	_	_	_	2	_	3	1	_	_	2	_
IV	BID404	3	_	2	3	1	2	1	1	_	1	2	2	2	-	1	1	_	_	2	_
	BID405	3	1	1	1	1	1	-	3	3	3	2	2	1	1	3	3	_	_	-	_
	BID406	3	3	3	3	3	2	3	2	3	3	2	3	-	-	1	3	_	_	2	_
	BID407	3	2	3	3	2	2	2	2	3	3	-	-	-	1	1	3	_	_	_	_
	BID501	3	3	3	3	2	2	2	3	3	3	1	2	3	1	3	1	_	_	2	_
	BID502	2	1	3	2	2	2	-	1	-	1	1	2	3	1	1	1	_	-	-	_
	BID503	2	1	2	3	-	3	-	1	-	-	3	-	2	3	3	1	-	-	2	_
V	BID504	2	1	1	3	-	3	-	-	-	-	3	-	2	3	3	1	-	-	2	-
	BID505	1	1	-	-	1	-	3	3	3	-	-	1	-	3	1	1	3	-	-	-
	BID506	3	3	3	3	2	2	3	3	2	3	3	3	3	1	3	3	-	-	2	-
	BID601	3	3	3	3	2	2	2	3	3	3	3	1	3	1	3	3	-	-	2	-
	BID602	1	-	3	3	2	2	2	3	3	-	2	1	-	-	3	3	3	-	-	-
	BID603	3	3	2	2	1	1	1	3	3	1	2	2	2	3	3	3	-	-	-	-
VI	BID604	3	2	3	3	2	2	2	3	3	3	2	3	3	-	3	3	-	-	2	-
	BID605	2	-	1	3	-	1	1	-	-	-	-	-	-	3	3	-	-	-	-	-
	BID606	3	2	3	3	1	2	2	3	3	-	3	-	-	-	3	2	-	-	-	-
	BID607	2	3	3	3	1	2	2	3	3	1	-	-	-	3	3	2	-	-	-	-
VII	BID701	3	3	3	3	2	3	-	3	2	1	-	3	3	3	3	-	-	-	2	-
	BID 801	3	3	3	3	2	2	2	3	3	1	3	2	3	3	3	3	-	-	2	-
	BID 802	-	-	-	-	1	1	-	1	-	-	-	-	3	3	2	3	3	3	-	3
VIII	BID 803	1	-	2	1	1	2	-	2	1	-	1	-	2	3	2	1	2	-	-	-
	BID 804	3	1	2	2	2	1	-	2	2	1	-	2	-	-	-	1	-	-	-	-
	BID 805	1	3	1	1	2	1	2	1	2	1	1	-	2	1	2	-	-	-	-	-

DEPARTMENT OF ARCHITECTURE & PLANNING

Course Handout

Course: BASIC DESIGN AND VISUAL ART-II

Course Code: BID 203, Crédits: 03, Session: 2021-22 (Even Sem.), Class: BID 1st Year

Faculty Name: Ar. Manish Kumar Chitranshi

W. Introduction: The course will use a mix of drawings, sketching & hands on exercise.

X. Participants are encouraged to engage in active interaction through classroom participation

Y. Course Outcomes: At the end of the course, students will be able to:

CO1: The possible graphic skills used in interior design and provide a wider knowledge to the students about the various levels of graphic drawings. Familiarize with the principles and theories of graphics.

CO2: The possible graphic skills used in interior design and provide a wider knowledge to the students about the various levels of graphic drawings. Familiarize with the principles and theories of graphics.

Z. Programme Outcomes:

- **PO1. Design Knowledge:** Incorporate a global perspective when making design decisions, based on sustainable, socio-economic, and cultural contexts.
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AA.Programme Specific Outcomes:

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- **PSO5.** Demonstrate social responsibility by designing sustainable interior environments that support indoor environmental quality and improve the quality of life for occupants.
- **PSO6.** Engage in integrative professional design practice by contributing interior architecture and design expertise to collaborative design teams.

Assessment Plan:

Component of	Description	Code	Weightage
Evaluation			%
Continuous Internal	Mid Term	СТ	10%
Evaluation	Seminar/Quiz/ Assignment	S/Q/A	15%
Attendance	A minimum of 75% Attendance is required to be maintained by a studentto be qualified for taking up the End Semester examination. The allowance of 25% includes all types of leaves including medical leaves.	A	5%

End Semester	End Semester	VV	70%
Examination	(Viva-Voce)		
Total			100%

BB. Syllabus

Module I: Graphical representation

Graphical representation of furniture, human figures in D2 & D3, Rendering techniques for textures, materials, finishes etc.

Module II: graphics and coloring

Models, 3-D forms: free standing paper models representing motives, shapes

Examination Scheme:

Components	Attendance	Mid-Term	Assignment	VV
Weightage (%)	5	10	15	70

CT: Class Test, A: Assignment, S/V/Q: Seminar/Exam/Quiz, EE: End Semester Examination; A: Attendance

CC. Suggested Text/Reference Books:

- 1] A Visual Dictionary of Architecture, Francis D.K. Ching
- [2] Creative Interiors (Design of Enclosed Space), Shashi Jain
- [3] Interior design illustrated, Francis D.K. Ching
- [4] Home Plumbing (The David & Charles Manual of), Ernest Hall
- [5] House Book (The Complete Guide to Home Design), Terence Conran
- [6] Architecture: Form, Space and Order Francis D.K. Ching

References:

References: • Window Fashion, Charles T. Randall

- Illustration + Perspectives (In Pantone Colors), Eiji Mistook
- Elements of Architecture, Meiss Pieree Von
- Architecture: Form, Space and Order, Francis D.K. Ching

DD. Lecture Plan

Lecture	Topics	Mode of Delivery	Correspon ding CO	Mode of Assessing CO
121.	Graphical representation of furniture, human figures in D2 & D3, Rendering techniques for textures, materials, finishes etc.	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
122.	Graphical representation of furniture, human figures	Lecture	CO1	Mid Term- 1, Quiz &

	in D2 & D3, Rendering techniques for textures, materials, finishes etc.			End Sem Exam
123.	Graphical representation of furniture, human figures in D2 & D3, Rendering techniques for textures, materials, finishes etc.	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
124.	Graphical representation of furniture, human figures in D2 & D3, Rendering techniques for textures, materials, finishes etc.	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
125.	Graphical representation of furniture, human figures in D2 & D3, Rendering techniques for textures, materials, finishes etc.	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
126.	Graphical representation of furniture, human figures in D2 & D3, Rendering techniques for textures, materials, finishes etc.	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
127.	Graphical representation of furniture, human figures in D2 & D3, Rendering techniques for textures, materials, finishes etc.	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
128.	Graphical representation of furniture, human figures in D2 & D3, Rendering techniques for textures, materials, finishes etc.	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
129.	Graphical representation of furniture, human figures in D2 & D3, Rendering techniques for textures, materials, finishes etc.	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
130.	Graphical representation of furniture, human figures in D2 & D3, Rendering techniques for textures, materials, finishes etc.	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
131.	Graphical representation of furniture, human figures in D2 & D3, Rendering techniques for textures, materials, finishes etc.	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
132.	Graphical representation of furniture, human figures in D2 & D3, Rendering techniques for textures, materials, finishes etc.	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
133.	Graphical representation of furniture, human figures in D2 & D3, Rendering techniques for textures, materials, finishes etc.	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
134.	Graphical representation of furniture, human figures in D2 &	Lecture	CO1	Mid Term- 1, Quiz &

	D3, Rendering techniques for textures, materials, finishes etc.			End Sem Exam
135.	Graphical representation of	Lecture	CO1	Mid Term-
155.	furniture, human figures in D2 &	Lecture	601	1, Quiz &
	D3, Rendering techniques for			End Sem
	textures, materials, finishes etc.			Exam
136.	Graphical representation of	Lecture	CO1	Mid Term-
130.	furniture, human figures in D2 &	Lecture	601	1, Quiz &
	D3, Rendering techniques for			End Sem
	textures, materials, finishes etc.			Exam
137.	Graphical representation of	Lecture	CO1	Mid Term-
137.	furniture, human figures in D2 &	Lecture	CO1	1, Quiz &
	D3, Rendering techniques for			End Sem
	textures, materials, finishes etc.			Exam
138.	Graphical representation of	Locturo	601	
138.	furniture, human figures in D2 &	Lecture	CO1	Mid Term-
	D3, Rendering techniques for			1, Quiz &
	textures, materials, finishes etc.			End Sem
120			604	Exam
139.	Graphical representation of	Lecture	CO1	Mid Term-
	furniture, human figures in D2 & D3, Rendering techniques for			1, Quiz &
	textures, materials, finishes etc.			End Sem
				Exam
140.	Graphical representation of	Lecture	CO1	Mid Term-
	furniture, human figures in D2 &			1, Quiz &
	D3, Rendering techniques for textures, materials, finishes etc.			End Sem
				Exam
141.	Graphical representation of	Lecture	CO1	Mid Term-
	furniture, human figures in D2 &			2, Quiz &
	D3, Rendering techniques for textures, materials, finishes etc.			End Sem
				Exam
142.	Graphical representation of	Lecture	CO1	Mid Term-
	furniture, human figures in D2 &			2, Quiz &
	D3, Rendering techniques for			End Sem
	textures, materials, finishes etc.			Exam
143.	Graphical representation of	Lecture	CO1	Mid Term-
	furniture, human figures in D2 &			2, Quiz &
	D3, Rendering techniques for			End Sem
	textures, materials, finishes etc.			Exam
144.	Graphical representation of	Lecture	CO1	Mid Term-
	furniture, human figures in D2 &			2, Quiz &
	D3, Rendering techniques for			End Sem
	textures, materials, finishes etc.			Exam
145.	Models, 3-D forms: free standing	Lecture	CO2	Mid Term-
	paper models representing			2, Quiz &
	motives, shapes			End Sem
				Exam
146.	Models, 3-D forms: free standing	Lecture	CO2	Mid Term-
	paper models representing			2, Quiz &
	motives, shapes			End Sem

				Exam
147.	Models, 3-D forms: free standing	Lecture	CO2	Mid Term-
	paper models representing			2, Quiz &
	motives, shapes			End Sem
				Exam
148.	Models, 3-D forms: free	Lecture	CO2	Mid Term-
	standing paper models			2, Quiz &
	representing motives,			End Sem
	shapes			Exam
149.	Models, 3-D forms: free	Lecture	CO2	Mid Term-
	standing paper models			2, Quiz &
	representing motives,			End Sem
	shapes			Exam
150.	Models, 3-D forms: free	Lecture	CO2	Mid Term-
	standing paper models			2, Quiz &
	representing motives,			End Sem
	shapes			Exam
151.	Models, 3-D forms: free	Lecture	CO2	Mid Term-
101.	standing paper models		302	2, Quiz &
	representing motives,			End Sem
	shapes			Exam
152.	Models, 3-D forms: free	Lecture	CO2	Mid Term-
132.	standing paper models	Lecture	CO2	2, Quiz &
	representing motives,			End Sem
	shapes			Exam
153.	Models, 3-D forms: free	Lecture	CO2	Mid Term-
155.	standing paper models	Lecture	CO2	
	representing motives,			2, Quiz & End Sem
	shapes			Exam
15/	Models, 3-D forms: free	Locturo	CO2	
154.	standing paper models	Lecture	COZ	Mid Term-
	representing motives,			2, Quiz &
	shapes			End Sem
455	Models 2 D forms from	11	602	Exam
155.	Models, 3-D forms: free standing paper models	Lecture	CO2	Mid Term-
	representing motives,			2, Quiz &
	shapes			End Sem
	·			Exam
156.	Models, 3-D forms: free standing paper models	Lecture	CO2	Mid Term-
	representing motives,			2, Quiz &
	shapes			End Sem
	•	1	000	Exam
157.	Models, 3-D forms: free	Lecture	CO2	Quiz &
	standing paper models representing motives,			End Sem
	shapes			Exam
158.	Models, 3-D forms: free	Lecture	CO2	Quiz &
100.	standing paper models		302	End Sem
	representing motives,			Exam
	shapes			LAUIII
159.	Models, 3-D forms: free	Lecture	CO2	Quiz &
159.	standing paper models	Lecture	CO2	Quiz &

	representing motives, shapes			End Sem Exam
160.	Models, 3-D forms: free standing paper models representing motives, shapes	Lecture	CO2	Quiz & End Sem Exam
161.	Models, 3-D forms: free standing paper models representing motives, shapes	Lecture	CO2	Quiz & End Sem Exam
162.	Models, 3-D forms: free standing paper models representing motives, shapes	Lecture	CO2	Quiz & End Sem Exam
163.	Models, 3-D forms: free standing paper models representing motives, shapes	Lecture	CO2	Quiz & End Sem Exam
164.	Models, 3-D forms: free standing paper models representing motives, shapes	Lecture	CO2	Quiz & End Sem Exam
165.	Models, 3-D forms: free standing paper models representing motives, shapes	Lecture	CO2	Quiz & End Sem Exam

EE. Course Articulation Matrix (Mapping of COs with POs)

СО	STATEMENT		CORRELATION WITH PROGRAMME OUTCOMES											CORRELATION WITH PROGRAMME SPECIFIC OUTCOMES				
		P O	P O	P O	P O	P O	P O	P O	P O	P O	P O	P O	P O	PS O1	PS O2	PS O3	PS 04	PS 05
		1	2	3	4	5	6	7	8	9	1	1	1					
CO 01	The possible graphic skills used in interior design and provide a wider knowledge to the students about the various levels of graphic drawings. Familiarize with the principles and theories of graphics.	2	2	1	1	3	2	2	3	3	2	1	2	2	1	3	3	1

CO 02	The possible graphic									
	skills used in interior									
	design and provide a									
	wider knowledge to									
	the students about									
	the various levels of									
	graphic drawings.									
	Familiarize with the									
	principles and									
	theories of graphics.									

Sample Question Paper

	Amity School of Architecture & Planning I MID-SEMESTER (SEM –II) 2021-22									
	Class: BID II Semester									
Subject Name: BID Basic Design & Vis		Time: 2 Hrs			Max. Marks: 10					
Levels of the questions as per Blooms Taxonomy	Remembering	Understanding	Applying	Analyz	zing	Evaluating	Creating			
Question Mapping	Q.1,4	Q.2,3	Q.4	Q.2,5,	6					

Student will be able to

CO1: List the broad perceptive of cloud architecture and model. CO2: Apply different cloud programming models as per need.

CO Map	Question No.	Question	Marks			
CO1	Q.1	Explain in brief the cloud computing concept.	3			
CO1	Q.2a	What are the essential characteristics of cloud computing?	3			
	Q.2b How is cloud computing requirements and cloud servicerequirement services related to each other?					
CO1	Q.3	Sketch NIST Cloud Computing Reference Architecture and depictits elements	6			
CO3	Q.4	Explain the significance of Cloud Reference Model	3			
CO2	Q.5a	Elaborate different cloud types with example.	3			
CO3	Q.5b	Write characteristics of private cloud.	3			

CO3	Q 6	How virtualization is applied in cloud computing	6
		scenario?	

Attainment	S	Rubric
Level	1	IF 60% of students secure more than 60% marks then level 1
Level	2	IF 70% of students secure more than 60% marks then level 2
Level	3	IF 80% of students secure more than 60% marks then level 3

Course outcome: Based on internal and external assessment the level of Course outcome attainment of the course BID /Course code BID 203 is level 2 for the academic year 2021-2022.



AMITY UNIVERSITY MADHYA PRADESH, GWALIOR AMITY SCHOOL OF ARCHITECTURE AND PLANNING DEPARTMENT OF ARCHITECTURE AND PLANNING

PROGRAMME OUTCOMES AND PROGRAMME SPECIFIC OUTCOMES Bachelor of Interior Design (BID), Academic Year – 2021-22

Program Outcomes:

- **PO1. Design Knowledge:** Incorporate a global perspective when making design decisions, based on sustainable, socio-economic, and cultural contexts.
- **PO2. Problem Analysis:** Apply theories of human behaviour to human-centered design solutions.
- **PO3.** Design/Development of Solutions: Apply the design process to generate creative solutions to complex problems optimizing the human experience within the interior environment. Apply theory, psychology, and methodology of color to designs of the interior environment.
- **PO4. Individual and Team Work:** Collaborate in multi-disciplinary teams respecting a variety of points of view and perspectives that enrich the process and product of the team.
- **PO5. Communication:** Communicate complex ideas clearly to specialists and non-specialists through appropriate oral, written, and representational media.
- **PO6. Life Long Learning:** Exemplify accepted standards of professionalism and business practice including a commitment to engage in lifelong learning.
- **PO7. Context and Society:** Analyze interiors, architecture, the decorative arts, and art within a historical and cultural context to inform contemporary design solutions that relate with the society for whom the design solution is to be provided.
- **PO8. Synthesis of Concepts:** Synthesize theories and concepts of spatial definition and organization into multi-dimensional design solutions.
- **PO9. Modern Technique usage:** Specify furniture, fixtures, and equipment's of finish materials to meet the design criteria for a variety of interior spaces.
- **PO10. Environment and Sustainability:** Apply principles of lighting, acoustics, thermal comfort, and indoor air quality as required to enhance the health, safety, welfare, and performance of building occupants for overall sustainable development of the individuals.
- **PO11. Ethics:** Comply with laws, codes, and standards that impact fire safety and life safety.

PO12. Project/Construction Management: Produce construction drawings and documents using industry standards for a variety of interior spaces. Employ environment-behaviour research methodologies to address open-ended problems in interior design.

Program Specific Outcome:

As part of the school's charter and mission, Amity School of Architecture and Planning is providing a vibrant planning environment, ensuring its under-graduates are not only valued by the planning practice, but are also able to:

PSO1. Demonstrate critical thinking as they identify, analyze, and solve interior architecture and design problems through completion of interior design studio projects. Apply creative and critical thinking to solve interior environment problems from a human-cantered approach and apply this knowledge to design solutions.

PSO2. Demonstrate preparation for global design practice by incorporating cultural norms of user populations and applying that knowledge to design solutions that support globally diverse end users.

PSO3. Demonstrate effective visual, verbal, and written communication.

PSO4. Apply ethical and professional practices.

PSO5. Demonstrate social responsibility by designing sustainable interior environments that support indoor environmental quality and improve the quality of life for occupants.

PSO6. Engage in integrative professional design practice by contributing interior architecture and design expertise to collaborative design teams.

Note: - Correlation levels 1, 2 and 3 as defined below:

1: Slight (Low), 2: Moderate (Medium) and 3: Substantial (High)

If there is no correlation, put "-"

						P	ROG	RAN	1ME	ARTI	CULA	TIOI	N MA	ATRIX	(
SEM	SUBJECT CODE	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12	PO 13	PO 14	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5	PSO 6
	BID101	3	3	3	3	2	1	2	3	3	1	1	3	3	1	3	3	-	-	2	-
	BID102	2	2	3	2	2	1	-		1	2	2	2	-	1	1	3	-	-	-	-
	BID103	2	2	1	-	3	1	2	3	3	2	1	1	2	2	3	3	1	-	-	-
- 1	BID104	1	1	1	2	-	-	-	2	-	-	-	2	-	-	1	1	-	-	-	-
	BID105	3	2	3	2	1	1	2	3	1	2	-	3	-	1	3	3	-	-	2	-
	BID106	-	1	-	-	-	-	3	2	-	-	-	-	-	1	1	1	-	-	-	-
	BID107	3	2	3	3	1	1	3	-	3	3	-	3	2	3	3	3	3	-	-	-
	BID201	3	2	3	3	2	2	2	3	3	1	1	3	3	1	3	3	-	-	2	-
	BID202	3	-	3	2	2	2	-	1	1	1	3	3	2	1	1	2	-	-	-	-
	BID203	2	2	1	1	3	2	2	3	3	2	1	2	2	1	3	3	1	-	2	-
П	BID204	1	3	1	-	-	-	-	1	1	-	-	2	-	1	1	1	-	-	-	-
	BID205	1	-	3	3	1	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-
	BID206	1	1	-	-	-	-	3	3	3	-	-	-	-	-	1	3	-	-	-	-
	BID207	3	-	1	3	1	1	-	1	3	3	3	3	3	3	3	3	3	-	-	-
	BID301	3	3	3	3	2	2	2	3	3	1	1	2	3	1	3	3	-	-	2	-
	BID302	2	-	3	2	2	2	-	1	1	1	2	2	2	1	1	1	-	-	-	-
	BID303	2	2	2	2	-	3	2	-	1	-	-	-	2	-	1	1	-	-	-	-
Ш	BID304	3	3	-	-	3	-	-	3	3	-	-	-	-	-	1	1	-	-	-	-
	BID305	1	-	3	3	1	2	-	-	-	-	-	-	-	-	1	-	-	-	-	-
	BID306	1	1	-	-	2	-	3	3	3	-	-	-	-	-	-	-	-	-	-	-
	BID307	1	3	1	-	3	-	-	3	3	-	-	-	-	3	-	-	-	-	2	-
	BID401	3	3	3	3	2	2	2	3	3	2	1	2	3	1	3	3	-	-	2	-
	BID402	2	1	3	2	2	2	-	1	-	2	1	2	3	1	1	1	-	-	2	-
	BID403	2	2	2	3	1	2	1	1	-	-	-	-	2	-	3	1	-	-	2	-
IV	BID404	3	-	2	3	1	2	1	1	-	1	2	2	2	-	1	1	-	-	2	-
	BID405	3	1	1	1	1	1	-	3	3	3	2	2	1	1	3	3	-	-	-	-
	BID406	3	3	3	3	3	2	3	2	3	3	2	3	-	-	1	3	-	-	2	-
	BID407	3	2	3	3	2	2	2	2	3	3	-	-	-	1	1	3	-	-	-	-
	BID501	3	3	3	3	2	2	2	3	3	3	1	2	3	1	3	1	-	-	2	-
	BID502	2	1	3	2	2	2	1	1	-	1	1	2	3	1	1	1	-	-	-	-
V	BID503	2	1	2	3	-	3	1	1	-	-	3	-	2	3	3	1	-	-	2	-
V	BID504	2	1	1	3	-	3	-	-	-	-	3	-	2	3	3	1	-	-	2	-
	BID505	1	1	-	-	1	-	3	3	3	-	-	1	-	3	1	1	3	-	-	-
	BID506	3	3	3	3	2	2	3	3	2	3	3	3	3	1	3	3	-	-	2	-
	BID601	3	3	3	3	2	2	2	3	3	3	3	1	3	1	3	3	-	-	2	-
	BID602	1	-	3	3	2	2	2	3	3	-	2	1	-	-	3	3	3	-	-	-
	BID603	3	3	2	2	1	1	1	3	3	1	2	2	2	3	3	3	-	-	-	-
VI	BID604	3	2	3	3	2	2	2	3	3	3	2	3	3	-	3	3	-	-	2	-
	BID605	2	-	1	3	-	-	-	-	-	-	-	-	-	3	3	-	-	-	-	-
	BID606	3	2	3	3	1	2	2	3	3	-	3	-	-	-	3	2	-	-	-	-
	BID607	2	3	3	3	1	2	2	3	3	1	-	-	-	3	3	2	-	-	-	-
VII	BID701	3	3	3	3	2	3	1	3	2	1	-	3	3	3	3	ı	-	-	2	-
VIII	BID 801	3	3	3	3	2	2	2	3	3	1	3	2	3	3	3	3	-	-	2	-

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BID 802	-	-	-	-	1	1	-	1	-	-	-	-	3	3	2	3	3	3	-	3
BID 803	1	-	2	1	1	2	-	2	1	-	1	-	2	3	2	1	2	-	-	-
BID 804	3	1	2	2	2	1	-	2	2	1	-	2	-	-	-	1	-	-	-	-
BID 805	1	3	1	1	2	1	2	1	2	1	1	-	2	1	2	-	-	-	-	-

DEPARTMENT OF ARCHITECTURE & PLANNING

Course Handout

Course: Drawing Techniques II

Course Code: BID 204, Crédits: 03, Session: 2021-22 (Even Sem.), Class: BID 1st Year

Faculty Name: Ar. Manish Kumar Chitranshi

FF. Introduction: The course will use a mix of drawings, sketching & hands on exercise. Participants are encouraged to engage in active interaction through classroom participation

GG. Course Outcomes: At the end of the course, students will be able to:

CO1: The drawing techniques and rendering techniques, which would help them to make design more represent- able and readable on paper in two dimensional and three-dimensional spaces.

CO2: The objective of this course is to provide a clear understanding about the drawing techniques and rendering techniques, which would help them to make design more represent- able and readable on paper in two dimensional and three-dimensional space.

HH. Programme Outcomes:

- **PO1. Design Knowledge:** Incorporate a global perspective when making design decisions, based on sustainable, socio-economic, and cultural contexts.
- PO2. Problem Analysis: Apply theories of human behaviour to human-centered design solutions.
- **PO3. Design/Development of Solutions:** Apply the design process to generate creative solutions to complex problems optimizing the human experience within the interior environment. Apply theory, psychology, and methodology of color to designs of the interior environment.
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II. Programme Specific Outcomes:

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- **PSO4.** Apply ethical and professional practices.
- **PSO5.** Demonstrate social responsibility by designing sustainable interior environments that support indoor environmental quality and improve the quality of life for occupants.
- **PSO6.** Engage in integrative professional design practice by contributing interior architecture and design expertise to collaborative design teams.

Assessment Plan:

Component of	Description	Code	Weightage
Evaluation			%
Continuous Internal	Mid Term	СТ	10%
Evaluation	Seminar/Quiz/ Assignment	S/Q/A	15%
Attendance	A minimum of 75% Attendance is required to be maintained by a studentto be qualified for taking up the End Semester examination. The allowance of 25% includes all types of leaves including medical leaves.	A	5%
End Semester	End Semester	EE	70%
Examination	(Viva-Voce)		
Total			100%

JJ. Syllabus

Module I: Perspective

Perspective view – one point and two-point, Perspective of Interiors

Module II: Shades and shadows

Shades and shadows / Coloring of Perspective with Rendering, Different material

and mediums of Rendering

Module II: Free hand perspectives

Free hand perspectives.

Examination Scheme:

Components	Attendance	Mid-Term	Assignment	EE
Weightage (%)	5	10	15	70

CT: Class Test, A: Assignment, S/V/Q: Seminar/Exam/Quiz, EE: End Semester Examination; A: Attendance

KK. Suggested Text/Reference Books:

- [1] A VisualDictionary of Architecture, Francis D.K. Ching
- [2] Creative Interiors (Design of Enclosed Space), Shashi Jain
- [3] Interior design illustrated, FrancisD.K.Ching
- [4] Home Plumbing (The David & Charles Manual of), Ernest Hall
- [5] House Book (The Complete Guide to Home Design), Terence Conran
- [6] Architecture: Form, Space and Order, Francis D.K. Ching

References:

- Window Fashion, Charles T. Randall
- Illustration + Perspectives (In Pantone Colors), Eiji Mitooka
- Elements of Architecture, Meiss Pieree Von

Lecture Plan

Lecture	Topics	Mode of Delivery	Correspon ding CO	Mode of Assessing CO
166.	Perspective view - one point and two-point, Perspective of Interiors	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam

167.	Perspective view - one	Lecture	CO1	Mid Term-
	point and two-point,		332	1, Quiz &
	Perspective of Interiors			End Sem
				Exam
168.	Perspective view - one	Lecture	CO1	Mid Term-
108.	point and two-point,	Lecture	601	1, Quiz &
	Perspective of Interiors			End Sem
	·			Exam
169.	D	Locturo	CO1	Mid Term-
109.	Perspective view – one point and two-point, Perspective of Interiors	Lecture	(01	
	two point, i erspective of interiors			1, Quiz & End Sem
170	Porspective view one	Lastina	601	Exam
170.	Perspective view - one point and two-point,	Lecture	CO1	Mid Term-
	Perspective of Interiors			1, Quiz &
	Terspective of interiors			End Sem
				Exam
171.	Perspective view - one	Lecture	CO1	Mid Term-
	point and two-point, Perspective of Interiors			1, Quiz &
	reispective of interiors			End Sem
				Exam
172.	Perspective view – one point and	Lecture	CO1	Mid Term-
	two-point, Perspective of Interiors			1, Quiz &
				End Sem
				Exam
173.	Perspective view – one point and	Lecture	CO1	Mid Term-
	two-point, Perspective of Interiors			1, Quiz &
				End Sem
				Exam
174.	Perspective view – one point and	Lecture	CO1	Mid Term-
	two-point, Perspective of Interiors			1, Quiz &
				End Sem
				Exam
175.	Perspective view – one point and	Lecture	CO1	Mid Term-
	two-point, Perspective of Interiors			1, Quiz &
				End Sem
				Exam
176.	Perspective view – one point and	Lecture	CO1	Mid Term-
	two-point, Perspective of Interiors			1, Quiz &
				End Sem
				Exam
177.	Perspective view – one point and	Lecture	CO1	Mid Term-
	two-point, Perspective of Interiors			
				*
178	Shades and shadows / Coloring of	Lecture	CO1	
170.		LCCCUIC		
	Different material and mediums of			i i
	Rendering			
170	Shades and shadows / Coloring of	Lecture	CO1	
1/3.	_	Lecture	1001	IVIIU ICIIII-
177. 178. 179.	Shades and shadows / Coloring of Perspective with Rendering, Different material and mediums of	Lecture Lecture	CO1 CO1	

	Different material and mediums of Rendering			1, Quiz & End Sem
				Exam
180.	Shades and shadows / Coloring of	Lecture	CO1	Mid Term-
	Perspective with Rendering,			1, Quiz &
	Different material and mediums of			End Sem
	Rendering			Exam
181.	Shades and shadows / Coloring of	Lecture	CO1	Mid Term-
	Perspective with Rendering,			1, Quiz &
	Different material and mediums of			End Sem
	Rendering			Exam
182.	Shades and shadows / Coloring of	Lecture	CO1	Mid Term-
	Perspective with Rendering,			1, Quiz &
	Different material and mediums of			End Sem
	Rendering			Exam
183.	Shades and shadows / Coloring of	Lecture	CO1	Mid Term-
	Perspective with Rendering,		332	1, Quiz &
	Different material and mediums of			End Sem
	Rendering			Exam
184.	Shades and shadows / Coloring of	Lecture	CO1	Mid Term-
10	Perspective with Rendering,	Lecture	001	1, Quiz &
	Different material and mediums of			End Sem
	Rendering			Exam
185.	Shades and shadows / Coloring of	Lecture	CO1	Mid Term-
105.	Perspective with Rendering,	Lecture	601	1, Quiz &
	Different material and mediums of			End Sem
	Rendering			Exam
186.	Shades and shadows / Coloring of	Lecture	CO1	Mid Term-
100.	Perspective with Rendering,	Lecture	601	2, Quiz &
	Different material and mediums of			End Sem
	Rendering			Exam
187.	Shades and shadows / Coloring of	Lecture	CO1	Mid Term-
107.	Perspective with Rendering,	Lecture	601	2, Quiz &
	Different material and mediums of			End Sem
	Rendering			Exam
188.	Shades and shadows / Coloring of	Lecture	CO1	Mid Term-
100.	Perspective with Rendering,	Lecture	1001	2, Quiz &
	Different material and mediums of			End Sem
	Rendering			Exam
189.	Shades and shadows / Coloring of	Lecture	CO1	Mid Term-
103.	Perspective with Rendering,	LECTUIE	1001	2, Quiz &
	Different material and mediums of			End Sem
	Rendering			
100	Shades and shadows / Coloring of	Locture	603	Exam Mid Torm
190.	Perspective with Rendering,	Lecture	CO2	Mid Term-
	Different material and mediums of			2, Quiz &
	Rendering			End Sem
404	-	Last	602	Exam
191.	Shades and shadows / Coloring of Perspective with Rendering,	Lecture	CO2	Mid Term-
	r erspective with nemuering,			2, Quiz &

	Different material and mediums of Rendering			End Sem Exam
192.	Shades and shadows / Coloring of Perspective with Rendering, Different material and mediums of Rendering	Lecture	CO2	Mid Term- 2, Quiz & End Sem Exam
193.	Shades and shadows / Coloring of Perspective with Rendering, Different material and mediums of Rendering	Lecture	CO2	Mid Term- 2, Quiz & End Sem Exam
194.	Shades and shadows / Coloring of Perspective with Rendering, Different material and mediums of Rendering	Lecture	CO2	Mid Term- 2, Quiz & End Sem Exam
195.	Shades and shadows / Coloring of Perspective with Rendering, Different material and mediums of Rendering	Lecture	CO2	Mid Term- 2, Quiz & End Sem Exam
196.	Free hand perspectives.	Lecture	CO2	Mid Term- 2, Quiz & End Sem Exam
197.	Free hand perspectives.	Lecture	CO2	Mid Term- 2, Quiz & End Sem Exam
198.	Free hand perspectives.	Lecture	CO2	Mid Term- 2, Quiz & End Sem Exam
199.	Free hand perspectives.	Lecture	CO2	Mid Term- 2, Quiz & End Sem Exam
200.	Free hand perspectives.	Lecture	CO2	Mid Term- 2, Quiz & End Sem Exam
201.	Free hand perspectives.	Lecture	CO2	Mid Term- 2, Quiz & End Sem Exam
202.	Free hand perspectives.	Lecture	CO2	Quiz & End Sem Exam
203.	Free hand perspectives.	Lecture	CO2	Quiz & End Sem Exam

	F 1		1	
204.	Free hand perspectives.	Lecture	CO2	Quiz &
				End Sem
				Exam
205.	Free hand perspectives.	Lecture	CO2	Quiz &
				End Sem
				Exam
206.	Free hand perspectives.	Lecture	CO2	Quiz &
				End Sem
				Exam
207.	Free hand perspectives.	Lecture	CO2	Quiz &
				End Sem
				Exam
208.	Free hand perspectives.	Lecture	CO2	Quiz &
				End Sem
				Exam
209.	Free hand perspectives.	Lecture	CO2	Quiz &
				End Sem
				Exam
210.	Free hand perspectives.	Lecture	CO2	Quiz &
				End Sem
				Exam

LL. Course Articulation Matrix (Mapping of COs with POs)

СО	STATEMENT		CORRELATION WITH PROGRAMME OUTCOMES													CORRELATION WITH PROGRAMME				
														SPEC	SPECIFIC OUTCOMES					
		Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	PS	PS	PS	PS	PS		
		0	0	0	0	0	0	0	0	0	0	0		01	02	О3	04	05		
		1	2	3	4	5	6	7	8	9	1	1	1 2							
CO 01	techniques and rendering techniques, which would help them to make design more represent- able and readable on paper in two dimensional and three-dimensional spaces.	1	3	1	-	-	-	-	1	1	-	-	2	-	1	1	1			
CO 02	The objective of this course is to provide a clear understanding about the drawing techniques and rendering																			

1									
techniques, which									
would help them to									
make design more									
represent- able and									
readable on paper in									
two dimensional and									
three-dimensional									
space.									

Sample Question Paper

Amity School of Architecture & Planning I MID-SEMESTER (SEM –II) 2021-22													
Class: BID II Semester													
Subject Name: BID Drawing Techniqu		Time: 2 Hrs		Max. Marks: 10									
Levels of the questions as per Blooms Taxonomy	Levels of the questions as per Blooms		Applying	Analyz	ing	Evaluating	Creating						
Question Mapping	Q.1,4	Q.2,3	Q.4	Q.2,5,	6								

Student will be able to

CO1: List the broad perceptive of cloud architecture and model.

CO2: Apply different cloud programming models as per need.

CO Map	Question No.	Question	Marks
CO1	Q.1	Explain in brief the cloud computing concept.	3
CO1	Q.2a	What are the essential characteristics of cloud computing?	3
	Q.2b	How is cloud computing requirements and cloud servicerequirement services related to each other?	3
CO1	Q.3	Sketch NIST Cloud Computing Reference Architecture and depictits elements	6
CO3	Q.4	Explain the significance of Cloud Reference Model	3
CO3	Q.5a	Elaborate different cloud types with example.	3
COS	Q.5b	Write characteristics of private cloud.	3
CO3	Q 6	How virtualization is applied in cloud computing scenario?	6

Attainments		Rubric
Level	1	IF 60% of students secure more than 60% marks then level 1
Level	2	IF 70% of students secure more than 60% marks then level 2
Level	3	IF 80% of students secure more than 60% marks then level 3

Course outcome: Based on internal and external assessment the level of Course outcome attainment of the course BID/Course code BID 204 is level 2 for the academic year 2021-2022.



AMITY UNIVERSITY MADHYA PRADESH, GWALIOR AMITY SCHOOL OF ARCHITECTURE AND PLANNING DEPARTMENT OF ARCHITECTURE AND PLANNING

PROGRAMME OUTCOMES AND PROGRAMME SPECIFIC OUTCOMES Bachelor of Interior Design (BID), Academic Year – 2021-22

Program Outcomes:

- **PO1. Design Knowledge:** Incorporate a global perspective when making design decisions, based on sustainable, socio-economic, and cultural contexts.
- **PO2. Problem Analysis:** Apply theories of human behaviour to human-centered design solutions.
- **PO3.** Design/Development of Solutions: Apply the design process to generate creative solutions to complex problems optimizing the human experience within the interior environment. Apply theory, psychology, and methodology of color to designs of the interior environment.
- **PO4. Individual and Team Work:** Collaborate in multi-disciplinary teams respecting a variety of points of view and perspectives that enrich the process and product of the team.
- **PO5. Communication:** Communicate complex ideas clearly to specialists and non-specialists through appropriate oral, written, and representational media.
- **PO6. Life Long Learning:** Exemplify accepted standards of professionalism and business practice including a commitment to engage in lifelong learning.
- **PO7. Context and Society:** Analyze interiors, architecture, the decorative arts, and art within a historical and cultural context to inform contemporary design solutions that relate with the society for whom the design solution is to be provided.
- **PO8. Synthesis of Concepts:** Synthesize theories and concepts of spatial definition and organization into multi-dimensional design solutions.
- **PO9. Modern Technique usage:** Specify furniture, fixtures, and equipment's of finish materials to meet the design criteria for a variety of interior spaces.
- **PO10. Environment and Sustainability:** Apply principles of lighting, acoustics, thermal comfort, and indoor air quality as required to enhance the health, safety, welfare, and performance of building occupants for overall sustainable development of the individuals.
- **PO11. Ethics:** Comply with laws, codes, and standards that impact fire safety and life safety.

PO12. Project/Construction Management: Produce construction drawings and documents using industry standards for a variety of interior spaces. Employ environment-behaviour research methodologies to address open-ended problems in interior design.

Program Specific Outcome:

As part of the school's charter and mission, Amity School of Architecture and Planning is providing a vibrant planning environment, ensuring its under-graduates are not only valued by the planning practice, but are also able to:

PSO1. Demonstrate critical thinking as they identify, analyze, and solve interior architecture and design problems through completion of interior design studio projects. Apply creative and critical thinking to solve interior environment problems from a human-cantered approach and apply this knowledge to design solutions.

PSO2. Demonstrate preparation for global design practice by incorporating cultural norms of user populations and applying that knowledge to design solutions that support globally diverse end users.

PSO3. Demonstrate effective visual, verbal, and written communication.

PSO4. Apply ethical and professional practices.

PSO5. Demonstrate social responsibility by designing sustainable interior environments that support indoor environmental quality and improve the quality of life for occupants.

PSO6. Engage in integrative professional design practice by contributing interior architecture and design expertise to collaborative design teams.

Note: - Correlation levels 1, 2 and 3 as defined below:

1: Slight (Low), 2: Moderate (Medium) and 3: Substantial (High)

If there is no correlation, put "-"

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SEM	SUBJECT CODE	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12	PO 13	PO 14	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5	PSO 6
	BID101	3	3	3	3	2	1	2	3	3	1	1	3	3	1	3	3	-	-	2	-
	BID102	2	2	3	2	2	1	-		1	2	2	2	-	1	1	3	-	-	-	-
	BID103	2	2	1	-	3	1	2	3	3	2	1	1	2	2	3	3	1	-	-	-
I	BID104	1	1	1	2	-	-	-	2	-	-	-	2	-	-	1	1	-	-	-	-
	BID105	3	2	3	2	1	1	2	3	1	2	-	3	-	1	3	3	-	-	2	-
	BID106	-	1	-	-	-	-	3	2	-	-	-	-	-	1	1	1	-	-	-	-
	BID107	3	2	3	3	1	1	3	-	3	3	-	3	2	3	3	3	3	-	-	-
	BID201	3	2	3	3	2	2	2	3	3	1	1	3	3	1	3	3	-	-	2	-
	BID202	3	-	3	2	2	2	-	1	1	1	3	3	2	1	1	2	-	-	-	-
	BID203	2	2	1	1	3	2	2	3	3	2	1	2	2	1	3	3	1	-	2	-
П	BID204	1	3	1	-	-	-	-	1	1	-	-	2	-	1	1	1	-	-	-	-
	BID205	1	-	3	3	1	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-
	BID206	1	1	-	-	-	-	3	3	3	-	-	-	-	-	1	3	-	-	-	-
	BID207	3	-	1	3	1	1	-	1	3	3	3	3	3	3	3	3	3	-	-	-
	BID301	3	3	3	3	2	2	2	3	3	1	1	2	3	1	3	3	-	-	2	-
	BID302	2	-	3	2	2	2	-	1	1	1	2	2	2	1	1	1	-	-	-	-
	BID303	2	2	2	2	-	3	2	-	1	-	-	-	2	-	1	1	-	-	-	-
Ш	BID304	3	3	-	-	3	-	-	3	3	-	-	-	-	-	1	1	-	-	-	-
	BID305	1	-	3	3	1	2	-	-	-	-	-	-	-	-	1	-	-	-	-	-
	BID306	1	1	-	-	2	-	3	3	3	-	-	-	-	-	-	-	-	-	-	-
	BID307	1	3	1	-	3	-	-	3	3	-	-	-	-	3	-	-	-	-	2	-
	BID401	3	3	3	3	2	2	2	3	3	2	1	2	3	1	3	3	-	-	2	-
	BID402	2	1	3	2	2	2	-	1	-	2	1	2	3	1	1	1	-	-	2	-
	BID403	2	2	2	3	1	2	1	1	-	-	-	-	2	-	3	1	-	-	2	-
IV	BID404	3	-	2	3	1	2	1	1	-	1	2	2	2	-	1	1	-	-	2	-
	BID405	3	1	1	1	1	1	-	3	3	3	2	2	1	1	3	3	-	-	-	-
	BID406	3	3	3	3	3	2	3	2	3	3	2	3	-	-	1	3	-	-	2	-
	BID407	3	2	3	3	2	2	2	2	3	3	-	-	-	1	1	3	-	-	-	-
	BID501	3	3	3	3	2	2	2	3	3	3	1	2	3	1	3	1	-	-	2	-
	BID502	2	1	3	2	2	2	-	1	-	1	1	2	3	1	1	1	-	-	-	-
V	BID503	2	1	2	3	•	3	-	1	-	-	3	-	2	3	3	1	-	-	2	-
V	BID504	2	1	1	3	-	3	-	-	-	-	3	-	2	3	3	1	-	-	2	-
	BID505	1	1	-	-	1	-	3	3	3	-	-	1	-	3	1	1	3	-	-	-
	BID506	3	3	3	3	2	2	3	3	2	3	3	3	3	1	3	3	-	-	2	-
	BID601	3	3	3	3	2	2	2	3	3	3	3	1	3	1	3	3	-	-	2	-
	BID602	1	-	3	3	2	2	2	3	3	-	2	1	-	-	3	3	3	-	-	-
	BID603	3	3	2	2	1	1	1	3	3	1	2	2	2	3	3	3	-	-	-	-
VI	BID604	3	2	3	3	2	2	2	3	3	3	2	3	3	-	3	3	-	-	2	-
	BID605	2	-	1	3	-	-	-	-	-	-	-	-	-	3	3	-	-	-	-	-
	BID606	3	2	3	3	1	2	2	3	3	-	3	-	-	-	3	2	-	-	-	-
	BID607	2	3	3	3	1	2	2	3	3	1	-	-	-	3	3	2	-	-	-	-
VII	BID701	3	3	3	3	2	3	-	3	2	1	-	3	3	3	3	ı	-	-	2	-
VIII	BID 801	3	3	3	3	2	2	2	3	3	1	3	2	3	3	3	3	-	-	2	-

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BID 802	-	-	-	-	1	1	-	1	-	-	-	-	3	3	2	3	3	3	-	3
BID 803	1	-	2	1	1	2	-	2	1	-	1	-	2	3	2	1	2	-	-	-
BID 804	3	1	2	2	2	1	-	2	2	1	-	2	-	-	-	1	-	-	-	-
BID 805	1	3	1	1	2	1	2	1	2	1	1	-	2	1	2	-	-	-	-	-

DEPARTMENT OF ARCHITECTURE & PLANNING

Course Handout

Course: Computer Applications - I

Course Code: BID 205, Crédits: 02, Session: 2021-22 (Even Sem.), Class: BID 1st Year

Faculty Name: Ar. Manish Kumar Chitranshi

MM. Introduction: The course will use a mix of computer drawings and tutorial. Participants are encouraged to engage in active interaction through classroom participation.

NN. Course Outcomes: At the end of the course, students will be able to:

CO1: Students should be able to make drawings by using various computer hardware and software used in interior designing.

CO2: The objective of the course is to provide knowledge about the various computer and software used in interior designing.

OO. Programme Outcomes:

- **PO1. Design Knowledge:** Incorporate a global perspective when making design decisions, based on sustainable, socio-economic, and cultural contexts.
- **PO2. Problem Analysis:** Apply theories of human behaviour to human-centered design solutions.
- **PO3. Design/Development of Solutions:** Apply the design process to generate creative solutions to complex problems optimizing the human experience within the interior environment. Apply theory, psychology, and methodology of color to designs of the interior environment.
- **PO4. Individual and Team Work:** Collaborate in multi-disciplinary teams respecting a variety of points of view and perspectives that enrich the process and product of the team.
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PP. Programme Specific Outcomes:

As part of the school's charter and mission, Amity School of Architecture and Planning is providing a vibrant planning environment, ensuring its under-graduates are not only valued by the planning practice, but are also able to:

- **PSO1.** Demonstrate critical thinking as they identify, analyze, and solve interior architecture and design problems through completion of interior design studio projects. Apply creative and critical thinking to solve interior environment problems from a human-cantered approach and apply this knowledge to design solutions.
- **PSO2.** Demonstrate preparation for global design practice by incorporating cultural norms of user populations and applying that knowledge to design solutions that support globally diverse end users.
- **PSO3.** Demonstrate effective visual, verbal, and written communication.
- **PSO4.** Apply ethical and professional practices.
- **PSO5.** Demonstrate social responsibility by designing sustainable interior environments that support indoor environmental quality and improve the quality of life for occupants.
- **PSO6.** Engage in integrative professional design practice by contributing interior architecture and design expertise to collaborative design teams.

Assessment Plan:

Component of	Description	Code	Weightage
Evaluation			%
Continuous Internal	Mid Term	СТ	10%
Evaluation	Seminar/Quiz/ Assignment	S/Q/A	15%
Attendance	A minimum of 75% Attendance is required to be maintained by a studentto be qualified for taking up the End Semester examination. The allowance of 25% includes all types of leaves including medical leaves.	A	5%
End Semester	End Semester	VV	70%
Examination	(Viva-Voce)		
Total			100%

QQ. Syllabus

Module I: Introduction

Two-dimensional drafting work to be handled in detail on Auto Cad. Complete Drafting, Editing and modification work to be done and presentations be made

Module II: Shapes and Figures

Introduction to Auto CAD for making simple figures and shapes, Introduction to Coral Draw and Photoshop software and their application.

Module III: : Use of photo editing Software

Photo editing as well as preparation of 2-D presentations on Photoshop/ Corel Draw.

Examination Scheme:

Components	Attendance	Mid-Term	Assignment	VV
Weightage (%)	5	10	15	70

CT: Class Test, A: Assignment, S/V/Q: Seminar/Exam/Quiz, EE: End Semester Examination; A: Attendance

RR. Suggested Text/Reference Books:

- 1] A Visual Dictionary of Architecture, Francis D.K. Ching
- [2] Creative Interiors (Design of Enclosed Space), Shashi Jain
- [3] Computers in Interior Design, A.K. Sinha

References:

Architecture and computer

Lecture Plan

Lecture	Topics	Mode of Delivery	Correspon ding CO	Mode of Assessing CO
211.	Two-dimensional drafting work to be handled in detail on Auto Cad. Complete Drafting, Editing and modification work to be done and presentations be made.	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
212.	Two-dimensional drafting work to be handled in detail on Auto Cad. Complete Drafting, Editing and modification work to be done and presentations	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam

	be made.			
213.	Two-dimensional drafting work to be handled in detail on Auto Cad. Complete Drafting, Editing and modification work to	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
	be done and presentations be made.			
214.	Two-dimensional drafting work to be handled in detail on Auto Cad. Complete Drafting, Editing and modification work to be done and presentations be made.	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
215.	Two-dimensional drafting work to be handled in detail on Auto Cad. Complete Drafting, Editing and modification work to be done and presentations be made.	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
216.	Two-dimensional drafting work to be handled in detail on Auto Cad. Complete Drafting, Editing and modification work to be done and presentations be made.	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
217.	Two-dimensional drafting work to be handled in detail on Auto Cad. Complete Drafting, Editing and modification work to be done and presentations be made.	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
218.	Two-dimensional drafting work to be handled in detail on Auto Cad. Complete Drafting, Editing and modification work to be done and presentations be made.	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
219.	Two-dimensional drafting work to be handled in detail on Auto Cad. Complete Drafting, Editing and modification work to be done and presentations be made.	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
220.	Two-dimensional drafting work to be handled in detail on Auto Cad. Complete Drafting, Editing and modification work to be done and presentations be made.	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
221.	Introduction to Auto CAD for making simple figures and shapes, Introduction to Coral Draw and Photoshop software and their application.	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
222.	Introduction to Auto CAD for making simple figures and shapes, Introduction to Coral Draw and	Lecture	CO1	Mid Term- 1, Quiz & End Sem

	Photoshop software and their application.			Exam
223.	Introduction to Auto CAD for making simple figures and shapes, Introduction to Coral Draw and Photoshop software and their application.	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
224.	Introduction to Auto CAD for making simple figures and shapes, Introduction to Coral Draw and Photoshop software and their application.	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
225.	Introduction to Auto CAD for making simple figures and shapes, Introduction to Coral Draw and Photoshop software and their application.	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
226.	Introduction to Auto CAD for making simple figures and shapes, Introduction to Coral Draw and Photoshop software and their application.	Lecture	CO2	Mid Term- 1, Quiz & End Sem Exam
227.	Introduction to Auto CAD for making simple figures and shapes, Introduction to Coral Draw and Photoshop software and their application.	Lecture	CO2	Mid Term- 1, Quiz & End Sem Exam
228.	Introduction to Auto CAD for making simple figures and shapes, Introduction to Coral Draw and Photoshop software and their application.	Lecture	CO2	Mid Term- 1, Quiz & End Sem Exam
229.	Introduction to Auto CAD for making simple figures and shapes, Introduction to Coral Draw and Photoshop software and their application.	Lecture	CO2	Mid Term- 1, Quiz & End Sem Exam
230.	Introduction to Auto CAD for making simple figures and shapes, Introduction to Coral Draw and Photoshop software and their application.	Lecture	CO2	Mid Term- 1, Quiz & End Sem Exam
231.	Photo editing as well as preparation of 2-D presentations on Photoshop/ Corel Draw	Lecture	CO2	Mid Term- 2, Quiz & End Sem Exam
232.	Photo editing as well as preparation of 2-D presentations on Photoshop/ Corel Draw	Lecture	CO2	Mid Term- 2, Quiz & End Sem Exam
233.	Photo editing as well as preparation of 2-D presentations on Photoshop/ Corel Draw	Lecture	CO2	Mid Term- 2, Quiz & End Sem Exam

234.	Photo editing as well as preparation of 2-D presentations on Photoshop/ Corel Draw	Lecture	CO2	Mid Term- 2, Quiz & End Sem Exam
235.	Photo editing as well as preparation of 2-D presentations on Photoshop/ Corel Draw	Lecture	CO2	Mid Term- 2, Quiz & End Sem Exam
236.	Photo editing as well as preparation of 2-D presentations on Photoshop/ Corel Draw	Lecture	CO2	Mid Term- 2, Quiz & End Sem Exam
237.	Photo editing as well as preparation of 2-D presentations on Photoshop/ Corel Draw	Lecture	CO2	Mid Term- 2, Quiz & End Sem Exam
238.	Photo editing as well as preparation of 2-D presentations on Photoshop/ Corel Draw	Lecture	CO2	Mid Term- 2, Quiz & End Sem Exam
239.	Photo editing as well as preparation of 2-D presentations on Photoshop/ Corel Draw	Lecture	CO2	Mid Term- 2, Quiz & End Sem Exam
240.	Photo editing as well as preparation of 2-D presentations on Photoshop/ Corel Draw	Lecture	CO2	Mid Term- 2, Quiz & End Sem Exam

SS. Course Articulation Matrix (Mapping of COs with POs)

СО	STATEMENT		COF	RREL		N W DUT(GRA	MMI	Ē			CORRELATION WITH PROGRAMME SPECIFIC OUTCOMES					
		P O 1	P O 2	O O <th>PS O1</th> <th>PS O2</th> <th>PS O3</th> <th>PS 04</th> <th>PS 05</th>										PS O1	PS O2	PS O3	PS 04	PS 05	
CO 01	Students should be able to make drawings by using various computer hardware and software used in interior designing.	-	-	3	3	1	1	2	-	-	-	-	-	-	-	-	_	-	

CO 02	The objective of the										l
	course is to provide										l
	knowledge about										l
	the various										l
	computer and										l
	software used in										l
	interior designing.										l

Sample Question Paper

	Amity School of Architecture & Planning I MID-SEMESTER (SEM –II) 2021-22												
Class: BID II Semester													
Subject Name: BID Computer Applica		Time: 2 Hrs		Max. Marks: 10									
Levels of the questions as per Blooms Taxonomy	Remembering	Understanding	Applying	Analyz	zing	Evaluating	Creating						
Taxonomy Question Apping Q.1,4 Q.2,3 Q.4 Q.2,5,6													

Student will be able to

CO1: List the broad perceptive of cloud architecture and model.

CO2: Apply different cloud programming models as per need.

00217 kpp17 di	rerent eleaa pro	Branning models as per need.	
CO Map	Question No.	Question	Marks
CO1	Q.1	Explain in brief the cloud computing concept.	3
CO1	Q.2a	What are the essential characteristics of cloud computing?	3
	Q.2b	How is cloud computing requirements and cloud servicerequirement services related to each other?	3
CO1	Q.3	Sketch NIST Cloud Computing Reference Architecture and depictits elements	6
CO2	Q.4	Explain the significance of Cloud Reference Model	3
CO3	Q.5a	Elaborate different cloud types with example.	3
CO2	Q.5b	Write characteristics of private cloud.	3
CO2	Q6	How virtualization is applied in cloud computing scenario?	6

Attainment	S	Rubric
Level	1	IF 60% of students secure more than 60% marks then level 1
Level	2	IF 70% of students secure more than 60% marks then level 2
Level	3	IF 80% of students secure more than 60% marks then level 3

Course outcome: Based on internal and external assessment the level of Course outcome attainment of the course BID/Course code BID 205 is level 3 for the academic year 2021-2022.



AMITY UNIVERSITY MADHYA PRADESH, GWALIOR AMITY SCHOOL OF ARCHITECTURE AND PLANNING DEPARTMENT OF ARCHITECTURE AND PLANNING

PROGRAMME OUTCOMES AND PROGRAMME SPECIFIC OUTCOMES Bachelor of Interior Design (BID), Academic Year – 2021-22

Program Outcomes:

- **PO1. Design Knowledge:** Incorporate a global perspective when making design decisions, based on sustainable, socio-economic, and cultural contexts.
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PSO2. Demonstrate preparation for global design practice by incorporating cultural norms of user populations and applying that knowledge to design solutions that support globally diverse end users.

PSO3. Demonstrate effective visual, verbal, and written communication.

PSO4. Apply ethical and professional practices.

PSO5. Demonstrate social responsibility by designing sustainable interior environments that support indoor environmental quality and improve the quality of life for occupants.

PSO6. Engage in integrative professional design practice by contributing interior architecture and design expertise to collaborative design teams.

Note: - Correlation levels 1, 2 and 3 as defined below:

1: Slight (Low), 2: Moderate (Medium) and 3: Substantial (High)

If there is no correlation, put "-"

	PROGRAMME ARTICULATION MATRIX SEM SUBJECT PO																				
SEM	SUBJECT CODE	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12	PO 13	PO 14	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5	PSO 6
	BID101	3	3	3	3	2	1	2	3	3	1	1	3	3	1	3	3	-	-	2	-
	BID102	2	2	3	2	2	1	-		1	2	2	2	-	1	1	3	-	-	-	-
	BID103	2	2	1	-	3	1	2	3	3	2	1	1	2	2	3	3	1	-	-	-
- 1	BID104	1	1	1	2	-	-	-	2	-	-	-	2	-	-	1	1	-	-	-	-
	BID105	3	2	3	2	1	1	2	3	1	2	-	3	-	1	3	3	-	-	2	-
	BID106	-	1	-	-	-	-	3	2	-	-	-	-	-	1	1	1	-	-	-	-
	BID107	3	2	3	3	1	1	3	-	3	3	-	3	2	3	3	3	3	-	-	-
	BID201	3	2	3	3	2	2	2	3	3	1	1	3	3	1	3	3	-	-	2	-
	BID202	3	-	3	2	2	2	-	1	1	1	3	3	2	1	1	2	-	-	-	-
	BID203	2	2	1	1	3	2	2	3	3	2	1	2	2	1	3	3	1	-	2	-
П	BID204	1	3	1	-	-	-	-	1	1	-	-	2	-	1	1	1	-	-	-	-
	BID205	1	-	3	3	1	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-
	BID206	1	1	-	-	-	-	3	3	3	-	-	-	-	-	1	3	-	-	-	-
	BID207	3	-	1	3	1	1	-	1	3	3	3	3	3	3	3	3	3	-	-	-
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VII	BID701	3	3	3	3	2	3	1	3	2	1	-	3	3	3	3	ı	-	-	2	-
VIII	BID 801	3	3	3	3	2	2	2	3	3	1	3	2	3	3	3	3	-	-	2	-

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BID 802	-	-	-	-	1	1	-	1	-	-	-	-	3	3	2	3	3	3	-	3
BID 803	1	-	2	1	1	2	-	2	1	-	1	-	2	3	2	1	2	-	-	-
BID 804	3	1	2	2	2	1	-	2	2	1	-	2	-	-	-	1	-	-	-	-
BID 805	1	3	1	1	2	1	2	1	2	1	1	-	2	1	2	-	-	-	-	-

DEPARTMENT OF ARCHITECTURE & PLANNING

Course Handout

Course: : History of Interior Design – II

Course Code: BID 206, Crédits: 02, Session: 2021-22 (Even Sem.), Class: BID 1st Year

Faculty Name: Ar. Manish Kumar Chitranshi

TT. Introduction: The course will use a mix of presentation, sketching and case study. Participants are encouraged to engage in active interaction through classroom participation

UU. Course Outcomes: At the end of the course, students will be able to:

CO1: Familiarize with the different culture, society, and their style of living, which affects the internal part of their buildings over different periods.

CO2: The objective of the course is to introduce the students with the changes occurred in the past with the time. Familiarize with the different culture, society and their style of living, which effects the internal part of their buildings over different periods.

VV.Programme Outcomes:

- **PO1. Design Knowledge:** Incorporate a global perspective when making design decisions, based on sustainable, socio-economic, and cultural contexts.
- **PO2. Problem Analysis:** Apply theories of human behaviour to human-centered design solutions.
- **PO3. Design/Development of Solutions:** Apply the design process to generate creative solutions to complex problems optimizing the human experience within the interior environment. Apply theory, psychology, and methodology of color to designs of the interior environment.
- **PO4. Individual and Team Work:** Collaborate in multi-disciplinary teams respecting a variety of points of view and perspectives that enrich the process and product of the team.
- **PO5. Communication:** Communicate complex ideas clearly to specialists and non-specialists through appropriate oral, written, and representational media.
- **PO6. Life Long Learning:** Exemplify accepted standards of professionalism and business practice including a commitment to engage in lifelong learning.
- **PO7. Context and Society:** Analyze interiors, architecture, the decorative arts, and art within a historical and cultural context to inform contemporary design solutions that relate with the society for whom the design solution is to be provided.
- **PO8. Synthesis of Concepts:** Synthesize theories and concepts of spatial definition and organization into multi-dimensional design solutions.
- PO9. Modern Technique usage: Specify furniture, fixtures, and equipment's of finish materials to

meet the design criteria for a variety of interior spaces.

- **PO10.** Environment and Sustainability: Apply principles of lighting, acoustics, thermal comfort, and indoor air quality as required to enhance the health, safety, welfare, and performance of building occupants for overall sustainable development of the individuals.
- **PO11. Ethics:** Comply with laws, codes, and standards that impact fire safety and life safety.
- **PO12. Project/Construction Management:** Produce construction drawings and documents using industry standards for a variety of interior spaces. Employ environment-behaviour research methodologies to address open-ended problems in interior design.

WW. Programme Specific Outcomes:

As part of the school's charter and mission, Amity School of Architecture and Planning is providing a vibrant planning environment, ensuring its under-graduates are not only valued by the planning practice, but are also able to:

- **PSO1.** Demonstrate critical thinking as they identify, analyze, and solve interior architecture and design problems through completion of interior design studio projects. Apply creative and critical thinking to solve interior environment problems from a human-cantered approach and apply this knowledge to design solutions.
- **PSO2.** Demonstrate preparation for global design practice by incorporating cultural norms of user populations and applying that knowledge to design solutions that support globally diverse end users.
- **PSO3.** Demonstrate effective visual, verbal, and written communication.
- **PSO4.** Apply ethical and professional practices.
- **PSO5.** Demonstrate social responsibility by designing sustainable interior environments that support indoor environmental quality and improve the quality of life for occupants.
- **PSO6.** Engage in integrative professional design practice by contributing interior architecture and design expertise to collaborative design teams.

Assessment Plan:

Component of	Description	Code	Weightage
Evaluation			%
Continuous Internal	Mid Term	СТ	10%
Evaluation	Seminar/Quiz/ Assignment	S/Q/A	15%
Attendance	A minimum of 75% Attendance is required to be maintained by a studentto be qualified for taking up the End Semester examination. The allowance of 25% includes all types of leaves including medical leaves.	A	5%
End Semester	End Semester	EE	70%

Examination	(Viva-Voce)	
Total		100%

XX. Syllabus

Module I: THE DARK AGES

Early Christian ,Byzantine ,Romanesque ,Gothic interiors

Module II: ISLAMIC AND ASIAN TRADITION

Mosque ,Palaces ,Islamic influence in India ,Japanese and Chinese interiors .

Module III: : RENAISSANCE

Early renaissance, High renaissance, Mannerism

,Baroque and Rococo

Examination Scheme:

Components	Attendance	Mid-Term	Assignment	EE
Weightage (%)	5	10	15	70

CT: Class Test, A: Assignment, S/V/Q: Seminar/Exam/Quiz, EE: End Semester Examination; A: Attendance

YY. Suggested Text/Reference Books:

- [1] The History of Arch. in India, Chrictophes Tadgell
- [2] Interior design&space planning, Dechiara Pabero Zelnik
- [3] Interior design illustrated, Francis D.K. Ching

References:

- Islamic Architecture in Interior, Satish Grover
- The BestInterior India, Anuradha Mahindra
- Indian Interior, Angelika Taschen

Lecture Plan

Lecture	Topics	Mode of Delivery	Correspon ding CO	Mode of Assessing CO
241.	Early Christian ,Byzantine ,Romanesque ,Gothic interiors	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
242.	Early Christian ,Byzantine ,Romanesque ,Gothic interiors	Lecture	CO1	Mid Term- 1, Quiz & End Sem

				Exam
243.	Early Christian ,Byzantine	Lecture	CO1	Mid Term-
	,Romanesque ,Gothic			1, Quiz &
	interiors			End Sem
				Exam
244.	Early Christian ,Byzantine	Lecture	CO1	Mid Term-
	,Romanesque ,Gothic interiors			1, Quiz &
				End Sem
				Exam
245.	Early Christian ,Byzantine	Lecture	CO1	Mid Term-
213.	,Romanesque ,Gothic	Lecture	001	1, Quiz &
	interiors			End Sem
				Exam
246.	Early Christian ,Byzantine	Lecture	CO1	Mid Term-
240.	,Romanesque ,Gothic	Lecture	(01	
	interiors			1, Quiz &
				End Sem
				Exam
247.	Early Christian ,Byzantine	Lecture	CO1	Mid Term-
	,Romanesque ,Gothic interiors			1, Quiz &
				End Sem
				Exam
248.	Early Christian ,Byzantine	Lecture	CO1	Mid Term-
	,Romanesque ,Gothic interiors			1, Quiz &
				End Sem
				Exam
249.	Early Christian ,Byzantine	Lecture	CO1	Mid Term-
	,Romanesque ,Gothic interiors			1, Quiz &
				End Sem
				Exam
250.	Mosque ,Palaces ,Islamic influence	Lecture	CO1	Mid Term-
	in India ,Japanese and Chinese			1, Quiz &
	interiors .			End Sem
				Exam
251.	Mosque ,Palaces ,Islamic influence	Lecture	CO1	Mid Term-
	in India ,Japanese and Chinese		301	1, Quiz &
	interiors .			End Sem
				Exam
252.	Mosque ,Palaces ,Islamic influence	Lecture	CO1	Mid Term-
۷۵۷.	in India ,Japanese and Chinese	Lecture	1001	1, Quiz &
	interiors .			End Sem
252	Massus Polares Islando II	l a a l	604	Exam
253.	Mosque ,Palaces ,Islamic influence	Lecture	CO1	Mid Term-
	in India ,Japanese and Chinese interiors .			1, Quiz &
	interiors.			End Sem
				Exam
254.	Mosque ,Palaces ,Islamic influence	Lecture	CO1	Mid Term-
	in India ,Japanese and Chinese			1, Quiz &
	interiors .			End Sem
				Exam

255.	Mosque ,Palaces ,Islamic influence	Lecture	CO1	Mid Term-
	in India ,Japanese and Chinese			1, Quiz &
	interiors .			End Sem
				Exam
256.	Mosque ,Palaces ,Islamic influence	Lecture	CO2	Mid Term-
	in India ,Japanese and Chinese			1, Quiz &
	interiors .			End Sem
				Exam
257.	Mosque ,Palaces ,Islamic influence	Lecture	CO2	Mid Term-
	in India ,Japanese and Chinese			1, Quiz &
	interiors .			End Sem
				Exam
258.	Mosque ,Palaces ,Islamic influence	Lecture	CO2	Mid Term-
	in India ,Japanese and Chinese			1, Quiz &
	interiors .			End Sem
				Exam
259.	Early renaissance ,High	Lecture	CO2	Mid Term-
	renaissance ,Mannerism			1, Quiz &
				End Sem
				Exam
260.	,Baroque and Rococo	Lecture	CO2	Mid Term-
				1, Quiz &
				End Sem
				Exam
261.	Early renaissance ,High	Lecture	CO2	Mid Term-
	renaissance ,Mannerism			2, Quiz &
				End Sem
				Exam
262.	,Baroque and Rococo	Lecture	CO2	Mid Term-
				2, Quiz &
				End Sem
				Exam
263.	Early renaissance ,High	Lecture	CO2	Mid Term-
	renaissance ,Mannerism			2, Quiz &
				End Sem
				Exam
264.	,Baroque and Rococo	Lecture	CO2	Mid Term-
				2, Quiz &
				End Sem
				Exam
265.	Early renaissance ,High	Lecture	CO2	Mid Term-
	renaissance ,Mannerism			2, Quiz &
				End Sem
				Exam
266.	,Baroque and Rococo	Lecture	CO2	Mid Term-
				2, Quiz &
				End Sem
				Exam
267.	Early renaissance ,High	Lecture	CO2	Mid Term-
	renaissance ,Mannerism			

				2, Quiz & End Sem
260	,Baroque and Rococo	Lockers	603	Exam
268.	,baroque and Rococo	Lecture	CO2	Mid Term-
				2, Quiz &
				End Sem
				Exam
269.	Early renaissance ,High	Lecture	CO2	Mid Term-
	renaissance ,Mannerism			2, Quiz &
				End Sem
				Exam
270.	,Baroque and Rococo	Lecture	CO2	Mid Term-
				2, Quiz &
				End Sem
				Exam

ZZ. Course Articulation Matrix (Mapping of COs with POs)

СО	STATEMENT		CORRELATION WITH PROGRAMME OUTCOMES										CORRELATION WITH PROGRAMME SPECIFIC OUTCOMES					
		P O 1	P O 2	P O 3	P O 4	P O 5	P O 6	P O 7	P O 8	P O 9	P O 1	P O 1	0 1	PS O1	PS O2	PS O3	PS 04	PS 05
	: Familiarize with the different culture, society, and their style of living, which affects the internal part of their buildings over different periods.		1	-	-	-	-	3	3	3	-	-	-	-	-	1	3	-
CO 02	The objective of the course is to introduce the students with the changes occurred in the past with the time. Familiarize with the different culture, society and their style of living, which effects the internal part of their buildings over different periods.																	

Sample Question Paper

Amity School of Architecture & Planning I MID-SEMESTER (SEM –II) 2021-22 Class: BID II Semester Subject Name: BID 205 Time: 2 Hrs Max. Marks: 10 History of interior design - II Analyzing Levels of the Remembering Understanding **Applying** Evaluating Creating questions as per Blooms Taxonomy

Q.4

Q.2,5,6

Student will be able to

Question

Mapping

CO1: List the broad perceptive of cloud architecture and model.

Q.2,3

CO2: Apply different cloud programming models as per need.

Q.1,4

СО Мар	Question No.	Question	Marks		
CO1	Q.1	Explain in brief the cloud computing concept.	3		
CO1	Q.2a	What are the essential characteristics of cloud computing?	3		
	Q.2b	How is cloud computing requirements and cloud servicerequirement services related to each other?	3		
CO1	Q.3	Sketch NIST Cloud Computing Reference Architecture and depictits elements	6		
CO2	Q.4	Explain the significance of Cloud Reference Model	3		
CO2	Q.5a	Elaborate different cloud types with example.	3		
CO2	Q.5b Write characteristics of private cloud.				
CO2	Q 6	How virtualization is applied in cloud computing scenario?	6		

Attainments	Rubric

Level	1	IF 60% of students secure more than 60% marks then level 1
Level	2	IF 70% of students secure more than 60% marks then level 2
Level	3	IF 80% of students secure more than 60% marks then level 3

Course outcome: Based on internal and external assessment the level of Course outcome attainment of the course BID /Course code BID 206 is level 2 for the academic year 2021-2022.



AMITY UNIVERSITY MADHYA PRADESH, GWALIOR AMITY SCHOOL OF ARCHITECTURE AND PLANNING DEPARTMENT OF ARCHITECTURE AND PLANNING

PROGRAMME OUTCOMES AND PROGRAMME SPECIFIC OUTCOMES Bachelor of Interior Design (BID), Academic Year – 2021-22

Program Outcomes:

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	BID103	2	2	1	-	3	1	2	3	3	2	1	1	2	2	3	3	1	-	-	-
- 1	BID104	1	1	1	2	-	-	-	2	-	-	-	2	-	-	1	1	-	-	-	-
	BID105	3	2	3	2	1	1	2	3	1	2	-	3	-	1	3	3	-	-	2	-
	BID106	-	1	-	-	-	-	3	2	-	-	-	-	-	1	1	1	-	-	-	-
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	BID303	2	2	2	2	-	3	2	-	1	-	-	-	2	-	1	1	-	-	-	-
Ш	BID304	3	3	-	-	3	-	-	3	3	-	-	-	-	-	1	1	-	-	-	-
	BID305	1	-	3	3	1	2	-	-	-	-	-	-	-	-	1	-	-	-	-	-
	BID306	1	1	-	-	2	-	3	3	3	-	-	-	-	-	-	-	-	-	-	-
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IV	BID404	3	-	2	3	1	2	1	1	-	1	2	2	2	-	1	1	-	-	2	-
	BID405	3	1	1	1	1	1	-	3	3	3	2	2	1	1	3	3	-	-	-	-
	BID406	3	3	3	3	3	2	3	2	3	3	2	3	-	-	1	3	-	-	2	-
	BID407	3	2	3	3	2	2	2	2	3	3	-	-	-	1	1	3	-	-	-	-
	BID501	3	3	3	3	2	2	2	3	3	3	1	2	3	1	3	1	-	-	2	-
	BID502	2	1	3	2	2	2	1	1	-	1	1	2	3	1	1	1	-	-	-	-
V	BID503	2	1	2	3	-	3	1	1	-	-	3	-	2	3	3	1	-	-	2	-
V	BID504	2	1	1	3	-	3	-	-	-	-	3	-	2	3	3	1	-	-	2	-
	BID505	1	1	-	-	1	-	3	3	3	-	-	1	-	3	1	1	3	-	-	-
	BID506	3	3	3	3	2	2	3	3	2	3	3	3	3	1	3	3	-	-	2	-
	BID601	3	3	3	3	2	2	2	3	3	3	3	1	3	1	3	3	-	-	2	-
	BID602	1	-	3	3	2	2	2	3	3	-	2	1	-	-	3	3	3	-	-	-
	BID603	3	3	2	2	1	1	1	3	3	1	2	2	2	3	3	3	-	-	-	-
VI	BID604	3	2	3	3	2	2	2	3	3	3	2	3	3	-	3	3	-	-	2	-
	BID605	2	-	1	3	-	-	-	-	-	-	-	-	-	3	3	-	-	-	-	-
	BID606	3	2	3	3	1	2	2	3	3	-	3	-	-	-	3	2	-	-	-	-
	BID607	2	3	3	3	1	2	2	3	3	1	-	-	-	3	3	2	-	-	-	-
VII	BID701	3	3	3	3	2	3	1	3	2	1	-	3	3	3	3	ı	-	-	2	-
VIII	BID 801	3	3	3	3	2	2	2	3	3	1	3	2	3	3	3	3	-	-	2	-

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BID 802	-	-	-	-	1	1	-	1	-	-	-	-	3	3	2	3	3	3	-	3
BID 803	1	-	2	1	1	2	-	2	1	-	1	-	2	3	2	1	2	-	-	-
BID 804	3	1	2	2	2	1	-	2	2	1	-	2	-	-	-	1	-	-	-	-
BID 805	1	3	1	1	2	1	2	1	2	1	1	-	2	1	2	-	-	-	-	-

DEPARTMENT OF ARCHITECTURE & PLANNING

Course Handout

Course: : Workshop – I (Serigraphy & Color)

Course Code: BID 207, Crédits: 02, Session: 2021-22(Even Sem.), Class: BID 1st Year

Faculty Name: Ar. Manish Kumar Chitranshi

AAA. Introduction: The course will use a mix of hands on workshop, sketching and case study & market study. Participants are encouraged to engage in active interaction through classroom participation Assessment/Examination Scheme:

BBB. Course Outcomes: At the end of the course, students will be able to:

CO1: The objective of the course is to provide a clear understanding about the
Color theory / color psychology in interior design .This course will cover the
fundamentals of interior design starting with basic colors, what basic colors are
(from primary, secondary and tertiary colors), which would help them to
understand how different colors affect different spaces, some winning color
combinations, how to build your color palette from any item, and how to choose
the perfect shade of paint for your space.

CO2: An understanding about the Color theory / color psychology in interior design, fundamentals of interior design and their use in different spaces. An understanding to build the color palette from any item, and to choose the perfect shade of paint for your space. Use of color schemes, textures and patterns to the surfaces and use of serigraphy in interior spaces and furniture.

CCC. Programme Outcomes:

- **PO1. Design Knowledge:** Incorporate a global perspective when making design decisions, based on sustainable, socio-economic, and cultural contexts.
- **PO2. Problem Analysis:** Apply theories of human behaviour to human-centered design solutions.
- **PO3. Design/Development of Solutions:** Apply the design process to generate creative solutions to complex problems optimizing the human experience within

- the interior environment. Apply theory, psychology, and methodology of color to designs of the interior environment.
- **PO4. Individual and Team Work:** Collaborate in multi-disciplinary teams respecting a variety of points of view and perspectives that enrich the process and product of the team.
- **PO5. Communication:** Communicate complex ideas clearly to specialists and non-specialists through appropriate oral, written, and representational media.
- **PO6. Life Long Learning:** Exemplify accepted standards of professionalism and business practice including a commitment to engage in lifelong learning.
- **PO7. Context and Society:** Analyze interiors, architecture, the decorative arts, and art within a historical and cultural context to inform contemporary design solutions that relate with the society for whom the design solution is to be provided.
- **PO8. Synthesis of Concepts:** Synthesize theories and concepts of spatial definition and organization into multi-dimensional design solutions.
- **PO9. Modern Technique usage:** Specify furniture, fixtures, and equipment's of finish materials to meet the design criteria for a variety of interior spaces.
- **PO10. Environment and Sustainability:** Apply principles of lighting, acoustics, thermal comfort, and indoor air quality as required to enhance the health, safety, welfare, and performance of building occupants for overall sustainable development of the individuals.
- **PO11. Ethics:** Comply with laws, codes, and standards that impact fire safety and life safety.
- **PO12. Project/Construction Management:** Produce construction drawings and documents using industry standards for a variety of interior spaces. Employ environment-behaviour research methodologies to address open-ended problems in interior design.

DDD. Programme Specific Outcomes:

As part of the school's charter and mission, Amity School of Architecture and Planning is providing a vibrant planning environment, ensuring its undergraduates are not only valued by the planning practice, but are also able to:

- **PSO1.** Demonstrate critical thinking as they identify, analyze, and solve interior architecture and design problems through completion of interior design studio projects. Apply creative and critical thinking to solve interior environment problems from a human-cantered approach and apply this knowledge to design solutions.
- **PSO2.** Demonstrate preparation for global design practice by incorporating

cultural norms of user populations and applying that knowledge to design solutions that support globally diverse end users.

PSO3. Demonstrate effective visual, verbal, and written communication.

PSO4. Apply ethical and professional practices.

PSO5. Demonstrate social responsibility by designing sustainable interior environments that support indoor environmental quality and improve the quality of life for occupants.

PSO6. Engage in integrative professional design practice by contributing interior architecture and design expertise to collaborative design teams.

Assessment Plan:

Component	Description	Code	Weightage
of Evaluation			%
Continuous Internal	Mid Term	СТ	10%
Evaluation	Seminar/Quiz/ Assignment	S/Q/A	15%
Attendance	A minimum of 75% Attendance is required to be maintained by a studentto be qualified for taking up the End Semester examination. The allowance of 25% includes all types of leaves including medical leaves.	A	5%
End Semester Examination	End Semester (Viva-Voce)	EE	70%
Total	,		100%

EEE. Syllabus

Module I: Color theory / color psychology

understanding about the Color theory / color psychology in interior design. fundamentals of interior design starting with basic colors.

Module II: Color Palette

Making of color Palette, color combinations for particular theme in interior space.

Module III: : Serigraphy

Serigraphy in Interior Spaces & Furniture, Drawings solids, voids

Examination Scheme:

Components	Attendance	Mid-Term	Assignment	EE
Weightage (%)	5	10	15	70

CT: Class Test, A: Assignment, S/V/Q: Seminar/Exam/Quiz, EE: End Semester Examination; A: Attendance

FFF. Suggested Text/Reference Books:

- [1] The History of Arch. in India, Chrictophes Tadgell
- [2] Interior design&space planning, Dechiara Pabero Zelnik
- [3] Interior design illustrated, Francis D.K. Ching

References:

- Islamic Architecture in Interior, Satish Grover
- The BestInterior India, Anuradha Mahindra
- Indian Interior, Angelika Tasche

Lecture Plan

Lecture	Topics	Mode of Delivery	Correspon ding CO	Mode of Assessing CO
271.	understanding about the Color theory / color psychology in interior design. fundamentals of interior design starting with basic colors.	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
272.	understanding about the Color theory / color psychology in interior design. fundamentals of interior design starting with basic colors.	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
273.	understanding about the Color theory / color psychology in interior design. fundamentals of interior design starting with basic colors.	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
274.	understanding about the Color theory / color psychology in	Lecture	CO1	Mid Term- 1, Quiz &

	interior design. fundamentals of interior design starting with basic colors.			End Sem Exam
275.	understanding about the Color theory / color psychology in interior design. fundamentals of interior design starting with basic colors.	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
276.	understanding about the Color theory / color psychology in interior design. fundamentals of interior design starting with basic colors.	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
277.	understanding about the Color theory / color psychology in interior design. fundamentals of interior design starting with basic colors.	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
278.	understanding about the Color theory / color psychology in interior design. fundamentals of interior design starting with basic colors.	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
279.	understanding about the Color theory / color psychology in interior design. fundamentals of interior design starting with basic colors.	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
280.	understanding about the Color theory / color psychology in interior design. fundamentals of interior design starting with basic colors.	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
281.	understanding about the Color theory / color psychology in interior design. fundamentals of interior design starting with basic colors.	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
282.	understanding about the Color theory / color psychology in interior design. fundamentals of interior design starting with basic colors.	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
283.	Making of color Palette, color combinations for particular theme in interior space.	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam

	I			1 .
284.	Making of color Palette, color	Lecture	CO1	Mid Term-
	combinations for particular theme			1, Quiz &
	in interior space.			End Sem
				Exam
285.	Making of color Palette, color	Lecture	CO1	Mid Term-
	combinations for particular theme			1, Quiz &
	in interior space.			End Sem
				Exam
286.	Making of color Palette, color	Lecture	CO2	Mid Term-
	combinations for particular theme			1, Quiz &
	in interior space.			End Sem
				Exam
287.	Making of color Palette, color	Lecture	CO2	Mid Term-
207.	combinations for particular theme	Lecture	602	1, Quiz &
	in interior space.			End Sem
	· ·			Exam
288.	Making of color Palette, color	Lecture	CO2	Mid Term-
200.	combinations for particular theme	Lecture	COZ	
	in interior space.			1, Quiz &
	in interior space.			End Sem
				Exam
289.	Making of color Palette, color	Lecture	CO2	Mid Term-
	combinations for particular theme			1, Quiz &
	in interior space.			End Sem
				Exam
290.	Making of color Palette, color	Lecture	CO2	Mid Term-
	combinations for particular theme			1, Quiz &
	in interior space.			End Sem
				Exam
291.	Making of color Palette, color	Lecture	CO2	Mid Term-
	combinations for particular theme			2, Quiz &
	in interior space.			End Sem
				Exam
292.	Making of color Palette, color	Lecture	CO2	Mid Term-
	combinations for particular theme			2, Quiz &
	in interior space.			End Sem
				Exam
293.	Making of color Palette, color	Lecture	CO2	Mid Term-
	combinations for particular theme			2, Quiz &
	in interior space.			End Sem
				Exam
294.	Serigraphy in Interior Spaces &	Lecture	CO2	Mid Term-
25⊣.	Furniture, Drawings solids, voids		302	2, Quiz &
				End Sem
205	Corigraphy in Interior Cases 9	I n at	603	Exam
295.	Serigraphy in Interior Spaces & Furniture, Drawings solids, voids	Lecture	CO2	Mid Term-
	rui iliture, Drawings solius, volus			2, Quiz &

				End Sem Exam
296.	Serigraphy in Interior Spaces & Furniture, Drawings solids, voids	Lecture	CO2	Mid Term- 2, Quiz & End Sem Exam
297.	Serigraphy in Interior Spaces & Furniture, Drawings solids, voids	Lecture	CO2	Mid Term- 2, Quiz & End Sem Exam
298.	Serigraphy in Interior Spaces & Furniture, Drawings solids, voids	Lecture	CO2	Mid Term- 2, Quiz & End Sem Exam
299.	Serigraphy in Interior Spaces & Furniture, Drawings solids, voids	Lecture	CO2	Mid Term- 2, Quiz & End Sem Exam
300.	Serigraphy in Interior Spaces & Furniture, Drawings solids, voids	Lecture	CO2	Mid Term- 2, Quiz & End Sem Exam

GGG. Course Articulation Matrix (Mapping of COs with POs)

СО	STATEMENT		CORRELATION WITH PROGRAMME OUTCOMES P P P P P P P P P P P P											CORRELATION WITH PROGRAMME SPECIFIC OUTCOMES				
		-									PS O1	PS	PS	PS 04	PS			
		1									01	02	03	04	05			
		_	_		-			′			0	1	2					
CO 01	The objective of the course is to provide a clear understanding about the Color theory / color psychology in interior design .This course will cover the fundamentals of interior design starting with basic colors, what basic colors are (from primary, secondary and tertiary colors), which would help	3	-	1	3	1	1	-	1	3	3	3	З	3	3	3	3	3

	them to understand how different colors affect different spaces, some winning color combinations, how to build your color palette from any item, and how to choose the perfect shade of paint for your space.									
CO 02	An understanding about the Color theory / color psychology in interior design, fundamentals of interior design and their use in different spaces. An understanding to build the color palette from any item, and to choose the perfect shade of paint for your space. Use of color schemes, textures and patterns to the surfaces and use of serigraphy in interior spaces and furniture.									

Sample Question Paper

	Amity School of Architecture & Planning I MID-SEMESTER (SEM –II) 2021-22											
		Class: BID II Se	mester									
	Subject Name: BID 207 Time: 2 Hrs Max. Marks: 10 Workshop - I (Serigraphy & Color)											
Levels of the questions as per Blooms Taxonomy	Remembering	Understanding	Applying	Analyz	zing	Evaluating	Creating					
Question Q.1,4 Q.2,3 Q.4 Q.2,5,6 Mapping ————————————————————————————————————												

Student will be able to

CO1: List the broad perceptive of cloud architecture and model. CO2: Apply different cloud programming models as per need.

		0 1	
CO Map	Question No.	Question	Marks
CO1	Q.1	Explain in brief the cloud computing concept.	3
CO1	Q.2a	What are the essential characteristics of cloud computing?	3
	Q.2b	How is cloud computing requirements and cloud servicerequirement services related to each other?	3
CO1	Q.3	Sketch NIST Cloud Computing Reference Architecture and depictits elements	6
CO2	Q.4	Explain the significance of Cloud Reference Model	3
603	Q.5a	Elaborate different cloud types with example.	3
CO2	Q.5b	Write characteristics of private cloud.	3
CO2	Q 6	How virtualization is applied in cloud computing	6

Attainments		Rubric
Lovel	1 4	IF CON/ of strudents as sure many them CON/ manyling them level 1
Level	1	IF 60% of students secure more than 60% marks then level 1
Level	2	IF 70% of students secure more than 60% marks then level 2
Level	3	IF 80% of students secure more than 60% marks then level 3

scenario?

Course outcome: Based on internal and external assessment the level of Course outcome attainment of the course BID/Course code BID 207 is level 1 for the academic year 2021-2022.



AMITY UNIVERSITY MADHYA PRADESH, GWALIOR AMITY SCHOOL OF ARCHITECTURE AND PLANNING DEPARTMENT OF ARCHITECTURE AND PLANNING

PROGRAMME OUTCOMES AND PROGRAMME SPECIFIC OUTCOMES Bachelor of Interior Design (BID), Academic Year – 2021-22

Program Outcomes:

- **PO1. Design Knowledge:** Incorporate a global perspective when making design decisions, based on sustainable, socio-economic, and cultural contexts.
- PO2. Problem Analysis: Apply theories of human behaviour to human-centered design solutions.
- **PO3.** Design/Development of Solutions: Apply the design process to generate creative solutions to complex problems optimizing the human experience within the interior environment. Apply theory, psychology, and methodology of color to designs of the interior environment.
- **PO4. Individual and Team Work:** Collaborate in multi-disciplinary teams respecting a variety of points of view and perspectives that enrich the process and product of the team.
- **PO5. Communication:** Communicate complex ideas clearly to specialists and non-specialists through appropriate oral, written, and representational media.
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- **PO9. Modern Technique usage:** Specify furniture, fixtures, and equipment's of finish materials to meet the design criteria for a variety of interior spaces.
- **PO10.** Environment and Sustainability: Apply principles of lighting, acoustics, thermal comfort, and indoor air quality as required to enhance the health, safety, welfare, and performance of building occupants for overall sustainable development of the individuals.
- PO11. Ethics: Comply with laws, codes, and standards that impact fire safety and life safety.

PO12. Project/Construction Management: Produce construction drawings and documents using industry standards for a variety of interior spaces. Employ environment-behaviour research methodologies to address open-ended problems in interior design.

Program Specific Outcome:

As part of the school's charter and mission, Amity School of Architecture and Planning is providing a vibrant planning environment, ensuring its under-graduates are not only valued by the planning practice, but are also able to:

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PSO2. Demonstrate preparation for global design practice by incorporating cultural norms of user populations and applying that knowledge to design solutions that support globally diverse end users.

PSO3. Demonstrate effective visual, verbal, and written communication.

PSO4. Apply ethical and professional practices.

PSO5. Demonstrate social responsibility by designing sustainable interior environments that support indoor environmental quality and improve the quality of life for occupants.

PSO6. Engage in integrative professional design practice by contributing interior architecture and design expertise to collaborative design teams.

Note: - Correlation levels 1, 2 and 3 as defined below:

1: Slight (Low), 2: Moderate (Medium) and 3: Substantial (High)

If there is no correlation, put "-"

PROGRAMME ARTICULATION MATRIX																					
SEM	SUBJECT CODE	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12	PO 13	PO 14	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5	PSO 6
ı	BID101	3	3	3	3	2	1	2	3	3	1	1	3	3	1	3	3	-	-	2	-
	BID102	2	2	3	2	2	1	-		1	2	2	2	-	1	1	3	-	-	-	-
	BID103	2	2	1	-	3	1	2	3	3	2	1	1	2	2	3	3	1	-	-	-
	BID104	1	1	1	2	-	-	-	2	-	-	-	2	-	-	1	1	-	-	-	-
	BID105	3	2	3	2	1	1	2	3	1	2	-	3	-	1	3	3	-	-	2	-
	BID106	-	1	-	-	-	-	3	2	-	-	-	-	-	1	1	1	-	-	-	-
	BID107	3	2	3	3	1	1	3	-	3	3	-	3	2	3	3	3	3	-	-	-
	BID201	3	2	3	3	2	2	2	3	3	1	1	3	3	1	3	3	-	-	2	-
	BID202	3	-	3	2	2	2	-	1	1	1	3	3	2	1	1	2	-	-	-	-
	BID203	2	2	1	1	3	2	2	3	3	2	1	2	2	1	3	3	1	-	2	-
П	BID204	1	3	1	-	-	-	-	1	1	-	-	2	-	1	1	1	-	-	-	-
	BID205	1	-	3	3	1	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-
	BID206	1	1	-	-	-	-	3	3	3	-	-	-	-	-	1	3	-	-	-	-
	BID207	3	-	1	3	1	1	-	1	3	3	3	3	3	3	3	3	3	-	-	-
	BID301	3	3	3	3	2	2	2	3	3	1	1	2	3	1	3	3	-	-	2	-
	BID302	2	-	3	2	2	2	-	1	1	1	2	2	2	1	1	1	-	-	-	-
	BID303	2	2	2	2	-	3	2	-	1	-	-	-	2	-	1	1	-	-	-	-
III	BID304	3	3	-	-	3	-	-	3	3	-	-	-	-	-	1	1	-	-	-	-
	BID305	1	-	3	3	1	2	-	-	-	-	-	-	-	-	1	-	-	-	-	-
	BID306	1	1	-	-	2	-	3	3	3	-	-	-	-	-	-	-	-	-	-	-
	BID307	1	3	1	-	3	-	-	3	3	-	-	-	-	3	-	-	-	-	2	-
	BID401	3	3	3	3	2	2	2	3	3	2	1	2	3	1	3	3	-	-	2	-
	BID402	2	1	3	2	2	2	-	1	-	2	1	2	3	1	1	1	-	-	2	-
	BID403	2	2	2	3	1	2	1	1	-	-	-	-	2	-	3	1	-	-	2	-
IV	BID404	3	-	2	3	1	2	1	1	-	1	2	2	2	-	1	1	-	-	2	-
	BID405	3	1	1	1	1	1	-	3	3	3	2	2	1	1	3	3	-	-	-	-
	BID406	3	3	3	3	3	2	3	2	3	3	2	3	-	-	1	3	-	-	2	-
	BID407	3	2	3	3	2	2	2	2	3	3	-	-	-	1	1	3	-	-	-	-
	BID501	3	3	3	3	2	2	2	3	3	3	1	2	3	1	3	1	-	-	2	-
	BID502	2	1	3	2	2	2	-	1	-	1	1	2	3	1	1	1	-	-	-	-
V	BID503	2	1	2	3	•	3	-	1	-	-	3	-	2	3	3	1	-	-	2	-
V	BID504	2	1	1	3	-	3	-	-	-	-	3	-	2	3	3	1	-	-	2	-
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	BID603	3	3	2	2	1	1	1	3	3	1	2	2	2	3	3	3	-	-	-	-
VI	BID604	3	2	3	3	2	2	2	3	3	3	2	3	3	-	3	3	-	-	2	-
	BID605	2	-	1	3	-	-	-	-	-	-	-	-	-	3	3	-	-	-	-	-
	BID606	3	2	3	3	1	2	2	3	3	-	3	-	-	-	3	2	-	-	-	-
	BID607	2	3	3	3	1	2	2	3	3	1	-	-	-	3	3	2	-	-	-	-
VII	BID701	3	3	3	3	2	3	-	3	2	1	-	3	3	3	3	ı	-	-	2	-
VIII	BID 801	3	3	3	3	2	2	2	3	3	1	3	2	3	3	3	3	-	-	2	-

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BID 802	-	-	-	-	1	1	-	1	-	-	-	-	3	3	2	3	3	3	-	3
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BID 804	3	1	2	2	2	1	-	2	2	1	-	2	-	-	-	1	-	-	-	-
BID 805	1	3	1	1	2	1	2	1	2	1	1	-	2	1	2	-	-	-	-	-

DEPARTMENT OF ARCHITECTURE & PLANNING

Course Handout

Course: Materials and Construction Techniques - II

Course Code: BID 301, Crédits: 06, Session: 2021-22(Odd Sem.), Class: BID 2nd Year

Faculty Name: Ar. Manish Kumar Chitranshi

- **A. Introduction:** The design elements and principles to be followed while designing an institutional building using different standards, materials and technologies.
- **B.** Course Outcomes: At the end of the course, students will be able to:
 - **CO1:** Familiarize the students with different building materials and construction techniques.
 - **CO2:** The objective of the course is to provide a clear understanding about the design elements and principles to be followed while designing an institutional building using different standards, materials and technologies.

CO3: It enables the students to understand the requirement of designing any interiors.

C. Programme Outcomes:

- **PO1. Design Knowledge:** Incorporate a global perspective when making design decisions, based on sustainable, socio-economic, and cultural contexts.
- **PO2. Problem Analysis:** Apply theories of human behaviour to human-centered design solutions.
- **PO3. Design/Development of Solutions:** Apply the design process to generate creative solutions to complex problems optimizing the human experience within the interior environment. Apply theory, psychology, and methodology of color to designs of the interior environment.
- **PO4. Individual and Team Work:** Collaborate in multi-disciplinary teams respecting a variety of points of view and perspectives that enrich the process and product of the team.
- **PO5. Communication:** Communicate complex ideas clearly to specialists and non-specialists through appropriate oral, written, and representational media.
- **PO6. Life Long Learning:** Exemplify accepted standards of professionalism and business practice including a commitment to engage in lifelong learning.
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D. Programme Specific Outcomes:

As part of the school's charter and mission, Amity School of Architecture and Planning is providing a vibrant planning environment, ensuring its under-graduates are not only valued by the planning practice, but are also able to:

- **PSO1.** Demonstrate critical thinking as they identify, analyze, and solve interior architecture and design problems through completion of interior design studio projects. Apply creative and critical thinking to solve interior environment problems from a human-cantered approach and apply this knowledge to design solutions.
- **PSO2.** Demonstrate preparation for global design practice by incorporating cultural norms of user populations and applying that knowledge to design solutions that support globally diverse end users.
- **PSO3.** Demonstrate effective visual, verbal, and written communication.
- **PSO4.** Apply ethical and professional practices.
- **PSO5.** Demonstrate social responsibility by designing sustainable interior environments that support indoor environmental quality and improve the quality of life for occupants.
- **PSO6.** Engage in integrative professional design practice by contributing interior architecture and design expertise to collaborative design teams.

Assessment Plan:

Component of	Description	Code	Weightage
Evaluation			%
Continuous Internal	Mid Term	СТ	10%
Evaluation	Seminar/Quiz/ Assignment	S/V/Q/A	15%
Attendance	A minimum of 75% Attendance is required to be maintained by a studentto be qualified for taking up the End Semester examination. The allowance of 25% includes all types of leaves including medical leaves.	A	5%
End Semester	End Semester	VV	70%
Examination	VIVA VOCE		
Total			100%

E. Syllabus

Module I: Interior Design

Interior Design for Play school/ Kindergarten/Nursery school (institutional/training & development building) for a maximum number of students up to 150. For a built-up space up to 500 sqm with all the required facilities in terms of infrastructure and services.

Module II: Interior in institutional building

Space organization in interiors, Surface treatments in interiors e.g. walls, floors, ceilings etc. Interior details in terms of lighting, services, interior landscape etc., Different types of materials that are available and their uses in interiors.

Module III: Interior in institutional building

Layout and Constructional details of furniture units, Application of color, texture, pattern and their psychological effects in interiors, drawing of interiors in 2D and 3D views to understand the space design.

Module IV: Interior Model

Interior Model of the space with all furniture, interior details in place and interior finishes with different colors, Textures.

Examination Scheme:

Components	Attendance	Mid-Term	Assignment	VV
Weightage (%)	5	10	15	70

CT: Class Test, A: Assignment, S/V/Q: Seminar/Viva/Quiz, EE: End Semester Examination; A: Attendance

F. Suggested Text/Reference Books:

- Drawing a Creative Process, Francis D.K. Ching
- Design Drawing + CD, Francis D.K. Ching
- Architecture Graphics, Francis D.K. Ching 4th Edition
- Interior design & space planning, Dechiara Pabero Zelnik
- Interior design illustrated, Francis D.K. Ching
- Graphic Interiors (Space Designed by Graphic Artists), Corina Dean
- Home Plumbing (The David & Charles Manual of), Ernest Hall
- House Book (The Complete Guide to Home Design), Terence Conran
- Illustration + Perspectives (In Pantone Colors), Eiji Mitooka

References:

- Architectural Graphic standards, Boaz Joseph
- Neufert's Architect's data
- Time Saver standards for building types, Joseph D.C. and John Callender.
- Kitchen & Bath, Montse Zapata
- Bed room, Lestey Taylor
- The Curtain Book, Mitchll Beazlty
- Interior Design Visual, Maureen Mitton 2nd Edition
- 100 Bright Ideas For color, Sue Rose
- Window Fashion, Charles T. Randall

G. Lecture Plan

Lecture	Topics	Mode	Correspon	Mode of
		of	ding CO	Assessing CO
		Delivery		

1.	Interior Design for Play school/	Lecture	CO1	Mid Term-1, Quiz & End Sem Exam
	Kindergarten/Nursery school (institutional/			
2.	training & development building) for a maximum number of students up to 150. for	Lecture	CO1	Mid Term-1, Quiz & End Sem Exam
3.	a built-up space up to 500 sqm with all the required facilities in terms of	Lecture	CO1	Mid Term-1, Quiz & End Sem Exam
4.	a built-up space up to 500 sqm with all the required facilities in terms of	Lecture	CO1	Mid Term-1, Quiz & End Sem Exam
5.	Interior Design for Play school/ Kindergarten/Nursery school (institutional/	Lecture	CO1	Mid Term-1, Quiz & End Sem Exam
6.	training & development building) for a maximum number of students up to 150. for	Lecture	CO1	Mid Term-1, Quiz & End Sem Exam
7.	a built-up space up to 500 sqm with all the required facilities in terms of	Lecture	CO1	Mid Term-1, Quiz & End Sem Exam
8.	infrastructure and services.	Lecture	CO1	Mid Term-1, Quiz & End Sem Exam
9.	Interior Design for Play school/ Kindergarten/Nursery school (institutional/	Lecture	CO1	Mid Term-1, Quiz & End Sem Exam
10.	training & development building) for a maximum number of students up to 150. for	Lecture	CO1	Mid Term-1, Quiz & End Sem Exam
11.	a built-up space up to 500 sqm with all the required facilities in terms of	Lecture	CO1	Mid Term-1, Quiz & End Sem Exam
12.	infrastructure and services.	Lecture	CO1	Mid Term-1, Quiz & End Sem Exam
13.	Interior Design for Play school/ Kindergarten/Nursery school (institutional/	Lecture	CO1	Mid Term-1, Quiz & End Sem Exam
14.	training & development building) for a maximum number of students up to 150. for	Lecture	CO1	Mid Term-1, Quiz & End Sem Exam
15.	a built-up space up to 500 sqm with all the required facilities in terms of	Lecture	CO1	Mid Term-1, Quiz & End Sem Exam
16.	infrastructure and services.	Lecture	CO1	Mid Term-1, Quiz & End Sem Exam
17.	Interior Design for Play school/ Kindergarten/Nursery	Lecture	CO1	Mid Term-1, Quiz & End Sem Exam

	school (institutional/			
18.	training & development building) for a maximum number of students up to 150. for	Lecture	CO1	Mid Term-1, Quiz & End Sem Exam
19.	a built-up space up to 500 sqm with all the required facilities in terms of	Lecture	CO1	Mid Term-1, Quiz & End Sem Exam
20.	infrastructure and services.	Lecture	CO1	Mid Term-1, Quiz & End Sem Exam
21.	Space organization in interiors, Surface treatments in interiors e.g. walls, floors, ceilings etc.	Lecture	CO1	Mid Term-2, Quiz & End Sem Exam
22.	Space organization in interiors, Surface treatments in interiors e.g. walls, floors,	Lecture	CO1	Mid Term-2, Quiz & End Sem Exam
23.	ceilings etc.	Lecture	CO1	Mid Term-2, Quiz & End Sem Exam
24.	Space organization in interiors, Surface treatments in interiors e.g. walls, floors,	Lecture	CO1	Mid Term-2, Quiz & End Sem Exam
25.	ceilings etc.	Lecture	CO1	Mid Term-2, Quiz & End Sem Exam
26.	Space organization in interiors, Surface treatments in interiors e.g. walls, floors,	Lecture	CO1	Mid Term-2, Quiz & End Sem Exam
27.	ceilings etc.	Lecture	CO1	Mid Term-2, Quiz & End Sem Exam
28.	Space organization in interiors, Surface treatments in interiors e.g. walls, floors,	Lecture	CO1	Mid Term-2, Quiz & End Sem Exam
29.	ceilings etc.	Lecture	CO1	Mid Term-2, Quiz & End Sem Exam
30.	Space organization in interiors, Surface treatments in interiors e.g. walls, floors,	Lecture	CO1	Mid Term-2, Quiz & End Sem Exam
31.	ceilings etc.	Lecture	CO2	Mid Term-2, Quiz & End Sem Exam
32.	Space organization in interiors, Surface treatments in interiors e.g. walls, floors,	Lecture	CO2	Mid Term-2, Quiz & End Sem Exam
33.	ceilings etc.	Lecture	CO2	Mid Term-2, Quiz & End Sem Exam

34.	Space organization in	Lecture	CO2	Mid Term-2, Quiz
	interiors, Surface			& End Sem Exam
	treatments in interiors e.g.			
	walls, floors,			
35.	ceilings etc.	Lecture	CO2	Mid Term-2, Quiz
2.5				& End Sem Exam
36.	Space organization in	Lecture	CO2	Mid Term-2, Quiz
	interiors, Surface			& End Sem Exam
	treatments in interiors e.g.			
27	walls, floors,	1 1	603	Mid Tarra 2 O i
37.	Interior details in terms of	Lecture	CO2	Mid Term-2, Quiz & End Sem Exam
	lighting, services, interior			& End Sem Exam
	landscape etc., Different types of materials			
	that are available and their			
	uses in interiors			
38.	Interior details in terms of	Lecture	CO2	Mid Term-2, Quiz
50.	lighting, services, interior	Lecture	COZ	& End Sem Exam
	landscape etc.,			& Liid Seili Lxaiii
39.	Different types of materials	Lecture	CO2	Mid Term-2, Quiz
33.	that are available and their	Lecture	602	& End Sem Exam
	uses in interiors			& Ella Selli Exalli
40.	Interior details in terms of	Lecture	CO2	Mid Term-2, Quiz
101	lighting, services, interior	20000.0	332	& End Sem Exam
	landscape etc.,			G. 2.1.0 Co.1.1 2.1.0.1.1
41.	Different types of materials	Lecture	CO2	Mid Term-2, Quiz
	that are available and their			& End Sem Exam
	uses in interiors			
42.	Interior details in terms of	Lecture	CO2	Mid Term-2, Quiz
	lighting, services, interior			& End Sem Exam
	landscape etc.,			
43.	Different types of materials	Lecture	CO2	Mid Term-2, Quiz
	that are available and their			& End Sem Exam
	uses in interiors			
44.	Interior details in terms of	Lecture	CO2	Mid Term-2, Quiz
	lighting, services, interior			& End Sem Exam
	landscape etc.,			
45.	Different types of materials	Lecture	CO2	Mid Term-2, Quiz
	that are available and their			& End Sem Exam
	uses in interiors			
46.	Layout and Constructional	Lecture	CO2	Mid Term-2, Quiz
	details of furniture units,			& End Sem Exam
	Application of color,			
	texture,			
	pattern and their			
	psychological effects in			
	interiors, drawing of			
	interiors in 2D and 3D			
	views to understand the			

	space design.			
47.	Layout and Constructional details of furniture units, Application of color, texture,	Lecture	CO2	Mid Term-2, Quiz & End Sem Exam
48.	pattern and their psychological effects in interiors, drawing of interiors in 2D and 3D	Lecture	CO2	Mid Term-2, Quiz & End Sem Exam
49.	views to understand the space design.	Lecture	CO2	Mid Term-2, Quiz & End Sem Exam
50.	Layout and Constructional details of furniture units, Application of color, texture,	Lecture	CO2	Mid Term-2, Quiz & End Sem Exam
51.	pattern and their psychological effects in interiors, drawing of interiors in 2D and 3D	Lecture	CO2	Mid Term-2, Quiz & End Sem Exam
52.	views to understand the space design.	Lecture	CO2	Mid Term-2, Quiz & End Sem Exam
53.	Layout and Constructional details of furniture units, Application of color, texture,	Lecture	CO2	Mid Term-2, Quiz & End Sem Exam
54.	pattern and their psychological effects in interiors, drawing of interiors in 2D and 3D	Lecture	CO2	Mid Term-2, Quiz & End Sem Exam
55.	views to understand the space design.	Lecture	CO2	Mid Term-2, Quiz & End Sem Exam
56.	Layout and Constructional details of furniture units, Application of color, texture,	Lecture	CO2	Mid Term-2, Quiz & End Sem Exam
57.	pattern and their psychological effects in interiors, drawing of interiors in 2D and 3D	Lecture	CO2	Mid Term-2, Quiz & End Sem Exam
58.	views to understand the space design.	Lecture	CO2	Mid Term-2, Quiz & End Sem Exam
59.	Layout and Constructional details of furniture units, Application of color, texture,	Lecture	CO2	Mid Term-2, Quiz & End Sem Exam
60.	pattern and their psychological effects in interiors, drawing of interiors in 2D and 3D	Lecture	CO2	Mid Term-2, Quiz & End Sem Exam
61.	views to understand the space design.	Lecture	CO3	Mid Term-2, Quiz & End Sem Exam
62.	Layout and Constructional details of furniture units, Application of color, texture,	Lecture	CO3	Mid Term-2, Quiz & End Sem Exam

63.	Interior Model of the space	Lecture	CO3	Mid Term-2, Quiz & End Sem Exam
	with all furniture, interior			& End Sem Exam
	details in place and interior			
64.	finishes with different colors,	Lecture	CO3	Mid Term-2, Quiz
	Textures.			& End Sem Exam
65.	Interior Model of the space	Lecture	CO3	Mid Term-2, Quiz
	with all furniture, interior			& End Sem Exam
	details in place and interior			
66.	finishes with different colors,	Lecture	CO3	Mid Term-2, Quiz
	Textures.			& End Sem Exam
67.	Interior Model of the space	Lecture	CO3	Mid Term-2, Quiz
	with all furniture, interior			& End Sem Exam
	details in place and interior			
68.	finishes with different colors,	Lecture	CO3	Mid Term-2, Quiz
	Textures.			& End Sem Exam
69.		Lecture	CO3	Mid Term-2, Quiz
	Interior Model of the space			& End Sem Exam
	with all furniture, interior			
70.	details in place and interior	Lecture	CO3	Mid Term-2, Quiz
70.	finishes with different colors,	Lecture	603	& End Sem Exam
74	Textures.	Lastina	602	Mid Tawa 2 Ovi-
71.	Interior Model of the space	Lecture	CO3	Mid Term-2, Quiz & End Sem Exam
	with all furniture, interior			
	details in place and interior			
72.	finishes with different colors,	Lecture	CO3	Mid Term-2, Quiz & End Sem Exam
	Textures.			& Liiu Sein Lain
73.	Interior Model of the space	Lecture	CO3	Mid Term-2, Quiz
	with all furniture, interior			& End Sem Exam
	details in place and interior			
74.	finishes with different colors,	Lecture	CO3	Mid Term-2, Quiz
	Textures.			& End Sem Exam
75.	Interior Model of the space	Lecture	CO3	Mid Term-2, Quiz
	with all furniture, interior			& End Sem Exam
	details in place and interior			
76.	finishes with different colors,	Lecture	CO3	Mid Term-2, Quiz
	Textures.			& End Sem Exam
	TEXTUTES.			

77.	Interior Model of the space	Lecture	CO3	Mid Term-2, Quiz
	with all furniture, interior			& End Sem Exam
	details in place and interior			
78.	finishes with different colors,	Lecture	CO3	Mid Term-2, Quiz
	Textures.			& End Sem Exam
79.	Interior Model of the space	Lecture	CO3	Mid Term-2, Quiz
	with all furniture, interior			& End Sem Exam
	details in place and interior			
80.	finishes with different colors,	Lecture	CO3	Mid Term-2, Quiz
	Textures.			& End Sem Exam
81.	Interior Model of the space	Lecture	CO3	Mid Term-2, Quiz
	with all furniture, interior			& End Sem Exam
	details in place and interior			
82.	finishes with different colors,	Lecture	CO3	Mid Term-2, Quiz
	Textures.			& End Sem Exam
83.		Lecture	CO3	Mid Term-2, Quiz
	Interior Model of the space with all furniture, interior			& End Sem Exam
84.	details in place and interior	Lecture	CO3	Mid Term-2, Quiz
	finishes with different colors,			& End Sem Exam
85.	Textures.	Lecture	CO3	Mid Term-2, Quiz
05.	Interior Model of the space	Lecture	003	& End Sem Exam
	with all furniture, interior			
86.	details in place and interior	Lecture	CO3	Mid Term-2, Quiz
00.	finishes with different colors,	Lecture	COS	& End Sem Exam
07	Textures.	<u> </u>	602	14:1T 2.0:
87.	Interior Model of the space	Lecture	CO3	Mid Term-2, Quiz & End Sem Exam
	with all furniture, interior			a 2.10 00.11 2.10.11
	details in place and interior			
88.	finishes with different colors,	Lecture	CO3	Mid Term-2, Quiz & End Sem Exam
	Textures.			& Liiu Seiii Lxaiii
89.	Interior Model of the space	Lecture	CO3	Mid Term-2, Quiz
	with all furniture, interior			& End Sem Exam
	details in place and interior			
90.	finishes with different colors,	Lecture	CO3	Mid Term-2, Quiz
	Textures.			& End Sem Exam

H. Course Articulation Matrix (Mapping of COs with POs)

СО	STATEMENT		OUTCOMES							CORRELATION WITH PROGRAMME SPECIFIC OUTCOMES								
		P O 1	P O 2	P O 3	P O 4	P O 5	P O 6	P O 7	P O 8	P O 9	P O 1	P O 1		PS O1	PS O2	PS O3	PS 04	PS 05
CO 01	Familiarize the students with different building materials and construction techniques.	3	3	3	3	2	2	2	3	3	1	1	2	3	1	3	3	-
	The objective of the course is to provide a clear understanding about the design elements and principles to be followed while designing an institutional building using different standards, materials and technologies.																	
CO 03	It enables the students to understand the requirement of designing any interiors.																	

Sample Question Paper

Amity School of Architecture & Planning I MID-SEMESTER (SEM –VII) 2021-22								
		Class: BID III Se	mester					
Subject Name: BID Interior Design St		Time: 2 Hrs			Ма	x. Marks: 10)	
Levels of the questions as per Blooms Taxonomy	Remembering	Understanding	Applying	zing	Evaluating	Creating		
Question Q.1,4 Q.2,3 Q.4 Q.2,5,6 Mapping								

Student will be able to

CO1: List the broad perceptive of cloud architecture and model. CO2: Apply different cloud programming models as per need.

СО Мар	Question No.	Question	Marks
CO1	Q.1	Explain in brief the cloud computing concept.	3
CO1	Q.2a	What are the essential characteristics of cloud computing?	3
	Q.2b	How is cloud computing requirements and cloud servicerequirement services related to each other?	3
CO1	Q.3	Sketch NIST Cloud Computing Reference Architecture and depictits elements	6
CO2	Q.4	Explain the significance of Cloud Reference Model	3

CO2 Q.5a Q.5b		Elaborate different cloud types with example.	3
		Write characteristics of private cloud.	3
CO2	Q 6	How virtualization is applied in cloud computing scenario?	6

Attainmen	ts	Rubric
Level	1	IF 60% of students secure more than 60% marks then level 1
Level	2	IF 70% of students secure more than 60% marks then level 2
Level	3	IF 80% of students secure more than 60% marks then level 3

Course outcome: Based on internal and external assessment the level of Course outcome attainment of the course BID/Course code BID 301 is level 3 for the academic year 2021-2022.



AMITY UNIVERSITY MADHYA PRADESH, GWALIOR AMITY SCHOOL OF ARCHITECTURE AND PLANNING DEPARTMENT OF ARCHITECTURE AND PLANNING

PROGRAMME OUTCOMES AND PROGRAMME SPECIFIC OUTCOMES Bachelor of Interior Design (BID), Academic Year – 2021-22

Program Outcomes:

- **PO1. Design Knowledge:** Incorporate a global perspective when making design decisions, based on sustainable, socio-economic, and cultural contexts.
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- **PO9. Modern Technique usage:** Specify furniture, fixtures, and equipment's of finish materials to meet the design criteria for a variety of interior spaces.
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As part of the school's charter and mission, Amity School of Architecture and Planning is providing a vibrant planning environment, ensuring its under-graduates are not only valued by the planning practice, but are also able to:

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PSO2. Demonstrate preparation for global design practice by incorporating cultural norms of user populations and applying that knowledge to design solutions that support globally diverse end users.

PSO3. Demonstrate effective visual, verbal, and written communication.

PSO4. Apply ethical and professional practices.

PSO5. Demonstrate social responsibility by designing sustainable interior environments that support indoor environmental quality and improve the quality of life for occupants.

PSO6. Engage in integrative professional design practice by contributing interior architecture and design expertise to collaborative design teams.

Note: - Correlation levels 1, 2 and 3 as defined below:

1: Slight (Low), 2: Moderate (Medium) and 3: Substantial (High)

If there is no correlation, put "-"

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SEM	SUBJECT CODE	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12	PO 13	PO 14	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5	PSO 6
	BID101	3	3	3	3	2	1	2	3	3	1	1	3	3	1	3	3	-	-	2	-
	BID102	2	2	3	2	2	1	-		1	2	2	2	-	1	1	3	-	-	-	-
	BID103	2	2	1	-	3	1	2	3	3	2	1	1	2	2	3	3	1	-	-	-
- 1	BID104	1	1	1	2	-	-	-	2	-	-	-	2	-	-	1	1	-	-	-	-
	BID105	3	2	3	2	1	1	2	3	1	2	-	3	-	1	3	3	-	-	2	-
	BID106	-	1	-	-	-	-	3	2	-	-	-	-	-	1	1	1	-	-	-	-
	BID107	3	2	3	3	1	1	3	-	3	3	-	3	2	3	3	3	3	-	-	-
	BID201	3	2	3	3	2	2	2	3	3	1	1	3	3	1	3	3	-	-	2	-
	BID202	3	-	3	2	2	2	-	1	1	1	3	3	2	1	1	2	-	-	-	-
	BID203	2	2	1	1	3	2	2	3	3	2	1	2	2	1	3	3	1	-	2	-
П	BID204	1	3	1	-	-	-	-	1	1	-	-	2	-	1	1	1	-	-	-	-
	BID205	1	-	3	3	1	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-
	BID206	1	1	-	-	-	-	3	3	3	-	-	-	-	-	1	3	-	-	-	-
	BID207	3	-	1	3	1	1	-	1	3	3	3	3	3	3	3	3	3	-	-	-
	BID301	3	3	3	3	2	2	2	3	3	1	1	2	3	1	3	3	-	-	2	-
	BID302	2	-	3	2	2	2	-	1	1	1	2	2	2	1	1	1	-	-	-	-
	BID303	2	2	2	2	-	3	2	-	1	-	-	-	2	-	1	1	-	-	-	-
Ш	BID304	3	3	-	-	3	-	-	3	3	-	-	-	-	-	1	1	-	-	-	-
	BID305	1	-	3	3	1	2	-	-	-	-	-	-	-	-	1	-	-	-	-	-
	BID306	1	1	-	-	2	-	3	3	3	-	-	-	-	-	-	-	-	-	-	-
	BID307	1	3	1	-	3	-	-	3	3	-	-	-	-	3	-	-	-	-	2	-
	BID401	3	3	3	3	2	2	2	3	3	2	1	2	3	1	3	3	-	-	2	-
	BID402	2	1	3	2	2	2	-	1	-	2	1	2	3	1	1	1	-	-	2	-
	BID403	2	2	2	3	1	2	1	1	-	-	-	-	2	-	3	1	-	-	2	-
IV	BID404	3	-	2	3	1	2	1	1	-	1	2	2	2	-	1	1	-	-	2	-
	BID405	3	1	1	1	1	1	-	3	3	3	2	2	1	1	3	3	-	-	-	-
	BID406	3	3	3	3	3	2	3	2	3	3	2	3	-	-	1	3	-	-	2	-
	BID407	3	2	3	3	2	2	2	2	3	3	-	-	-	1	1	3	-	-	-	-
	BID501	3	3	3	3	2	2	2	3	3	3	1	2	3	1	3	1	-	-	2	-
	BID502	2	1	3	2	2	2	1	1	-	1	1	2	3	1	1	1	-	-	-	-
V	BID503	2	1	2	3	-	3	1	1	-	-	3	-	2	3	3	1	-	-	2	-
V	BID504	2	1	1	3	-	3	-	-	-	-	3	-	2	3	3	1	-	-	2	-
	BID505	1	1	-	-	1	-	3	3	3	-	-	1	-	3	1	1	3	-	-	-
	BID506	3	3	3	3	2	2	3	3	2	3	3	3	3	1	3	3	-	-	2	-
	BID601	3	3	3	3	2	2	2	3	3	3	3	1	3	1	3	3	-	-	2	-
	BID602	1	-	3	3	2	2	2	3	3	-	2	1	-	-	3	3	3	-	-	-
	BID603	3	3	2	2	1	1	1	3	3	1	2	2	2	3	3	3	-	-	-	-
VI	BID604	3	2	3	3	2	2	2	3	3	3	2	3	3	-	3	3	-	-	2	-
	BID605	2	-	1	3	-	-	-	-	-	-	-	-	-	3	3	-	-	-	-	-
	BID606	3	2	3	3	1	2	2	3	3	-	3	-	-	-	3	2	-	-	-	-
	BID607	2	3	3	3	1	2	2	3	3	1	-	-	-	3	3	2	-	-	-	-
VII	BID701	3	3	3	3	2	3	1	3	2	1	-	3	3	3	3	ı	-	-	2	-
VIII	BID 801	3	3	3	3	2	2	2	3	3	1	3	2	3	3	3	3	-	-	2	-

			i						i											
BID 802	-	-	-	-	1	1	-	1	-	-	-	-	3	3	2	3	3	3	-	3
BID 803	1	-	2	1	1	2	-	2	1	-	1	-	2	3	2	1	2	-	-	-
BID 804	3	1	2	2	2	1	-	2	2	1	-	2	-	-	-	1	-	-	-	-
BID 805	1	3	1	1	2	1	2	1	2	1	1	-	2	1	2	-	-	-	-	-

DEPARTMENT OF ARCHITECTURE & PLANNING

Course Handout

Course: Materials and Construction Techniques - II

Course Code: BID 302, Crédits: 03, Session: 2021-22(Odd Sem.), Class: BID 2nd Year

Faculty Name: Ar. Manish Kumar Chitranshi

 Introduction: To introduce and familiarize the students with different building materials and construction techniques. The understanding for the system to be adopted for the construction of different types buildings.

J. Course Outcomes: At the end of the course, students will be able to:

CO1: Apply knowledge of construction material, methods, and process to transform idea in to design;

CO2: Develop the design for all kind of wooden material, Staircase, door, window, glazed window and partition, paneling and storage cabinet;

CO3: Compare different design suiting the purpose/function and principles of design;

K. Programme Outcomes:

- **PO1. Design Knowledge:** Incorporate a global perspective when making design decisions, based on sustainable, socio-economic, and cultural contexts.
- **PO2. Problem Analysis:** Apply theories of human behaviour to human-centered design solutions.
- **PO3. Design/Development of Solutions:** Apply the design process to generate creative solutions to complex problems optimizing the human experience within the interior environment. Apply theory, psychology, and methodology of color to designs of the interior environment.
- **PO4. Individual and Team Work:** Collaborate in multi-disciplinary teams respecting a variety of points of view and perspectives that enrich the process and product of the team.
- **PO5. Communication:** Communicate complex ideas clearly to specialists and non-specialists through appropriate oral, written, and representational media.
- **PO6. Life Long Learning:** Exemplify accepted standards of professionalism and business practice including a commitment to engage in lifelong learning.
- **PO7. Context and Society:** Analyze interiors, architecture, the decorative arts, and art within a historical and cultural context to inform contemporary design solutions that relate with the society for whom the design solution is to be provided.
- **PO8. Synthesis of Concepts:** Synthesize theories and concepts of spatial definition and organization into multi-dimensional design solutions.
- PO9. Modern Technique usage: Specify furniture, fixtures, and equipment's of finish materials to

meet the design criteria for a variety of interior spaces.

- **PO10.** Environment and Sustainability: Apply principles of lighting, acoustics, thermal comfort, and indoor air quality as required to enhance the health, safety, welfare, and performance of building occupants for overall sustainable development of the individuals.
- **PO11. Ethics:** Comply with laws, codes, and standards that impact fire safety and life safety.
- **PO12. Project/Construction Management:** Produce construction drawings and documents using industry standards for a variety of interior spaces. Employ environment-behaviour research methodologies to address open-ended problems in interior design.

L. Programme Specific Outcomes:

As part of the school's charter and mission, Amity School of Architecture and Planning is providing a vibrant planning environment, ensuring its under-graduates are not only valued by the planning practice, but are also able to:

- **PSO1.** Demonstrate critical thinking as they identify, analyze, and solve interior architecture and design problems through completion of interior design studio projects. Apply creative and critical thinking to solve interior environment problems from a human-cantered approach and apply this knowledge to design solutions.
- **PSO2.** Demonstrate preparation for global design practice by incorporating cultural norms of user populations and applying that knowledge to design solutions that support globally diverse end users.
- **PSO3.** Demonstrate effective visual, verbal, and written communication.
- **PSO4.** Apply ethical and professional practices.
- **PSO5.** Demonstrate social responsibility by designing sustainable interior environments that support indoor environmental quality and improve the quality of life for occupants.
- **PSO6.** Engage in integrative professional design practice by contributing interior architecture and design expertise to collaborative design teams.

Assessment Plan:

Component of	Description	Code	Weightage
Evaluation			%
Continuous Internal	Mid Term	СТ	10%
Evaluation	Seminar/Viva-	S/V/Q/A	15%
	Voce/Quiz/Assignment		
Attendance	A minimum of 75% Attendance is	Α	5%
	required to be maintained by a studentto		
	be qualified for taking up the End Semester		
	examination. The allowance of 25%		
	includes all types of leaves		
	including medical leaves.		
End Semester	End Semester Examination	EE	70%

Examination		
Total		100%

M. Syllabus

Module I: Materials

Wood, Timber, Bamboo, All types of wooden products.

Module II: Construction

Timber or Wooden - Doors/Windows/ Floors/staircases: Classification, Characteristics, Defects and Preservation. Introduction to Fully paneled single and double doors of various types and sizes.

Module III: Construction

Introduction to fully glazed windows and ventilator details of joints etc. Fixed glass and timber louvered windows, Elementary carpentry, common joints, details of ledged and Batten Doors.

Module IV: Space Partitions

Inverse and Rank of a matrix, Linear systems of equations, Consistency of Linear Simultaneous Equations, linear Independence, Gauss elimination and Gauss-Jordan elimination, Eigen values, eigenvectors, Caley-Hamilton theorem, Diagonalization.

Module V: Storage cabinets

Different Types, materials, different construction details with fixing details.

N. Examination Scheme:

Components	Attendance	Mid-Term	Assignment	EE
Weightage (%)	5	10	15	70

CT: Class Test, A: Assignment, S/V/Q: Seminar/Viva/Quiz, EE: End Semester Examination; A: Attendance

O. Suggested Text/Reference Books:

- Window Fashion, Charles T. Randall
- Illustration + Perspectives (In Pantone Colors), Eiji Mitooka
- Elements of Architecture, Meiss Pieree Von
- Architecture: Form, Space and Order, Francis D.K. Ching
- The Construction of Building Vol- 1 to 5, R. Barry
- Building Construction, N.L. Arora &, B.R. Gupta
- Interior Detail 1 (Residence), Jeong, Kwang Young
- Interior Spaces Vol 6 (A Pictorial Review), Image Publishing Group
- A Visual Dictionary of Architecture, Francis D.K. Ching
- Interior design illustrated, Francis D.K. Ching
- House Book (The Complete Guide to Home Design), Terence Conran
- Masonry (Concrete, Brick, Stone), Christine Beall
- Metric Handbook (Planning & Design Data) 2nd Ed. Edited By, David Adler

P. Lecture Plan

Lecture	Topics	Mode of Delivery	Correspon ding CO	Mode of Assessing CO
1	Materials	Lecture	CO1	Mid Term-1, Quiz & End Sem Exam

2	Wood, Timber, Bamboo, All	Lecture	CO1	Mid Term-1, Quiz
	types of wooden products			& End Sem Exam
3	Materials	Lecture	CO1	Mid Term-1, Quiz
				& End Sem Exam
4	Wood, Timber, Bamboo, All	Lecture	CO1	Mid Term-1, Quiz
	types of wooden products			& End Sem Exam
5	Materials	Lecture	CO1	Mid Term-1, Quiz
				& End Sem Exam
6	Wood, Timber, Bamboo, All	Lecture	CO1	Mid Term-1, Quiz
	types of wooden products			& End Sem Exam
7	Materials	Lecture	CO1	Mid Term-1, Quiz
				& End Sem Exam
8	Wood, Timber, Bamboo, All	Lecture	CO1	Mid Term-1, Quiz
	types of wooden products			& End Sem Exam
9	Materials	Lecture	CO1	Mid Term-1, Quiz
				& End Sem Exam
10	Wood, Timber, Bamboo, All	Lecture	CO1	Mid Term-1, Quiz
	types of wooden products			& End Sem Exam
11	Construction	Lecture	CO1	Mid Term-1, Quiz
				& End Sem Exam
12	Timber or Wooden -	Lecture	CO1	Mid Term-1, Quiz
	Doors/Windows/			& End Sem Exam
	Floors/staircases:			
	Classification,			
	Characteristics, Defects			
	and Preservation.			
	Introduction to Fully paneled single and			
	double doors of various			
	types and sizes			
13	Construction	Lecture	CO1	Mid Term-1, Quiz
		20000.0	001	& End Sem Exam
14	Timber or Wooden -	Lecture	CO1	Mid Term-1, Quiz
	Doors/Windows/			& End Sem Exam
	Floors/staircases:			
	Classification,			
	Characteristics, Defects			
	and Preservation.			
	Introduction to Fully			
	paneled single and			
	double doors of various			
4.5	types and sizes	l and an	604	NA: d Tarres 4 O :
15	Construction	Lecture	CO1	Mid Term-1, Quiz
1.0	Timbor or Woods	1	603	& End Sem Exam
16	Timber or Wooden - Doors/Windows/	Lecture	CO2	Mid Term-1, Quiz & End Sem Exam
	Floors/staircases:			& Elia Selli Exam
	Classification,			
	Characteristics, Defects			
	and Preservation.			

	paneled single and			
	double doors of various			
	types and sizes			
17	Construction	Lecture	CO2	Mid Torm 1 Quiz
1/	Construction	Lecture	COZ	Mid Term-1, Quiz & End Sem Exam
10	Timbor or Wooden		602	
18	Timber or Wooden -	Lecture	CO2	Mid Term-1, Quiz
	Doors/Windows/			& End Sem Exam
	Floors/staircases:			
	Classification,			
	Characteristics, Defects			
	and Preservation.			
	Introduction to Fully paneled single and			
	double doors of various			
	types and sizes			
19	Construction	Locturo	CO2	Mid Torre 1 Ouis
19	Construction	Lecture	COZ	Mid Term-1, Quiz & End Sem Exam
20	Timber or Wooden	Lastina	602	
20	Timber or Wooden - Doors/Windows/	Lecture	CO2	Mid Term-1, Quiz
	Floors/staircases:			& End Sem Exam
	Classification,			
	Characteristics, Defects			
	and Preservation.			
	Introduction to Fully			
	paneled single and			
	double doors of various			
	types and sizes			
21	Construction	Lecture	CO2	Mid Term-2, Quiz
		10000.0		& End Sem Exam
22	Timber or Wooden -	Lecture	CO2	Mid Term-2, Quiz
	Doors/Windows/	2000010	002	& End Sem Exam
	Floors/staircases:			a zna sem zxam
	Classification,			
	Characteristics, Defects			
	and Preservation.			
	Introduction to Fully			
	paneled single and			
	double doors of various			
	types and sizes			
23	Construction	Lecture	CO2	Mid Term-2, Quiz
				& End Sem Exam
24	Timber or Wooden -	Lecture	CO2	Mid Term-2, Quiz
	Doors/Windows/			& End Sem Exam
	Floors/staircases:			
	Classification,			
	Characteristics, Defects			
	and Preservation.			
	Introduction to Fully			
	paneled single and			
	double doors of various			
	types and sizes			
25	Construction	Lecture	CO2	Mid Term-2, Quiz

				& End Sem Exam
26	Timber or Wooden -	Lecture	CO2	Mid Term-2, Quiz
	Doors/Windows/			& End Sem Exam
	Floors/staircases:			
	Classification,			
	Characteristics, Defects			
	and Preservation.			
	Introduction to Fully			
	paneled single and double doors of various			
27	types and sizes Construction	Lecture	CO2	Mid Term-2, Quiz
27	Construction	Lecture	CO2	& End Sem Exam
28	Introduction to fully glazed	Lecture	CO2	Mid Term-2, Quiz
	windows and ventilator	Lecture	602	& End Sem Exam
	details of joints etc. Fixed			a zna sem zam
	glass and timber louvered			
	windows, Elementary			
	carpentry, common joints,			
	details of ledged and			
	Batten Doors.			
29	Construction	Lecture	CO2	Mid Term-2, Quiz
				& End Sem Exam
30	Space Partitions	Lecture	CO2	Mid Term-2, Quiz
				& End Sem Exam
31	Inverse and Rank of a	Lecture	CO3	Mid Term-2, Quiz
	matrix, Linear systems of			& End Sem Exam
	equations, Consistency of			
	Linear Simultaneous			
	Equations, linear			
	Independence, Gauss			
	elimination and Gauss-			
	Jordan elimination, Eigen			
	values, eigenvectors, Caley-			
	Hamilton theorem,			
	Diagonalization.	. .		
32	Space Partitions	Lecture	CO3	Mid Term-2, Quiz
22	Inverse and Beatle of	l a strong	603	& End Sem Exam
33	Inverse and Rank of a	Lecture	CO3	Mid Term-2, Quiz
	matrix, Linear systems of			& End Sem Exam
	equations, Consistency of Linear Simultaneous			
	Equations, linear			
	Independence, Gauss			
	elimination and Gauss-			
	Jordan elimination, Eigen			
	values, eigenvectors, Caley-			
	Hamilton theorem,			
	Diagonalization.			
34	Space Partitions	Lecture	CO3	Mid Term-2, Quiz
34	שונים דמו נונוטווז	Lecture	1003	Iviiu Terrii-z, Quiz

				& End Sem Exam
35	Inverse and Rank of a matrix, Linear systems of equations, Consistency of Linear Simultaneous Equations, linear Independence, Gauss elimination and Gauss-Jordan elimination, Eigen values, eigenvectors, Caley-Hamilton theorem, Diagonalization.	Lecture	CO3	Mid Term-2, Quiz & End Sem Exam
36	Space Partitions	Lecture	CO3	Mid Term-2, Quiz & End Sem Exam
37	Inverse and Rank of a matrix, Linear systems of equations, Consistency of Linear Simultaneous Equations, linear Independence, Gauss elimination and Gauss-Jordan elimination, Eigen values, eigenvectors, Caley-Hamilton theorem, Diagonalization.	Lecture	CO3	Mid Term-2, Quiz & End Sem Exam
38	Space Partitions	Lecture	CO3	Mid Term-2, Quiz & End Sem Exam
39	Inverse and Rank of a matrix, Linear systems of equations, Consistency of Linear Simultaneous Equations, linear Independence, Gauss elimination and Gauss-Jordan elimination, Eigen values, eigenvectors, Caley-Hamilton theorem, Diagonalization.	Lecture	CO3	Mid Term-2, Quiz & End Sem Exam
40	Storage cabinets	Lecture	CO3	Mid Term-2, Quiz & End Sem Exam
41	Different Types, materials, different construction details with fixing details.	Lecture	CO3	Mid Term-2, Quiz & End Sem Exam
42	Storage cabinets	Lecture	CO3	Mid Term-2, Quiz & End Sem Exam
43	Different Types, materials, different construction details with fixing details.	Lecture	CO3	Mid Term-2, Quiz & End Sem Exam
44	Storage cabinets	Lecture	CO3	Mid Term-2, Quiz & End Sem Exam

45	Different Types, materials,	Lecture	CO3	Mid Term-2, Quiz
	different construction			& End Sem Exam
	details with fixing details.			

Q. Course Articulation Matrix (Mapping of COs with POs)

СО	STATEMENT		CORRELATION WITH PROGRAMME OUTCOMES									CORRELATION WITH PROGRAMME SPECIFIC OUTCOMES						
		P O 1	P O 2	P O 3	P O 4	P O 5	P O 6	P O 7	P O 8	P O 9	P O 1 0	P O 1	P O 1 2	PS O1	PS O2	PS O3	PS 04	PS 05
CO 01	Apply knowledge of construction material, methods, and process to transform idea in to design;	2	-	3	2	2	2	-	1	1	1	2	2	2	1	1	1	-
CO 02																		
CO 03	Compare different design suiting the purpose/function and principles of design;																	

Sample Question Paper

Amity School of Engineering and Technology
Department of Computer Science and Engineering
I MID-SEMESTER (SEM –VII) 2021-22
Class: B.Tech.(CSE) VII Semester

Subject Name: BID		Time: 2 Hrs		Max. Marks: 10			
Levels of the questions as per Blooms Taxonomy	questions as per Blooms		Applying	Analyz	zing	Evaluating	Creating
Question Mapping	Q.1,4	Q.2,3	Q.4	Q.2,5,	6		

Student will be able to

CO1: List the broad perceptive of cloud architecture and model.

CO2: Apply different cloud programming models as per need.

СО Мар	Question No.	Question	Marks
CO1	Q.1	Explain in brief the cloud computing concept.	3
CO1	Q.2a	What are the essential characteristics of cloud computing?	3
	Q.2b	How is cloud computing requirements and cloud servicerequirement services related to each other?	3
CO2	Q.3	Sketch NIST Cloud Computing Reference Architecture and depictits elements	6
CO2	Q.4	Explain the significance of Cloud Reference Model	3
CO3	Q.5a	Elaborate different cloud types with example.	3
CO3	Q.5b	Write characteristics of private cloud.	3
CO3	Q 6	How virtualization is applied in cloud computing scenario?	6

Attainments		Rubric
Level	1	IF 60% of students secure more than 60% marks then level 1
Level	2	IF 70% of students secure more than 60% marks then level 2
Level	3	IF 80% of students secure more than 60% marks then level 3

Course outcome: Based on internal and external assessment the level of Course outcome

attainment of the course BID/Course code BID 302 is level 2 for the academic year 2021-2022.



AMITY UNIVERSITY MADHYA PRADESH, GWALIOR AMITY SCHOOL OF ARCHITECTURE AND PLANNING DEPARTMENT OF ARCHITECTURE AND PLANNING

PROGRAMME OUTCOMES AND PROGRAMME SPECIFIC OUTCOMES Bachelor of Interior Design (BID), Academic Year – 2021-22

Program Outcomes:

- **PO1. Design Knowledge:** Incorporate a global perspective when making design decisions, based on sustainable, socio-economic, and cultural contexts.
- PO2. Problem Analysis: Apply theories of human behaviour to human-centered design solutions.
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- **PO4. Individual and Team Work:** Collaborate in multi-disciplinary teams respecting a variety of points of view and perspectives that enrich the process and product of the team.
- **PO5. Communication:** Communicate complex ideas clearly to specialists and non-specialists through appropriate oral, written, and representational media.
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- **PO8. Synthesis of Concepts:** Synthesize theories and concepts of spatial definition and organization into multi-dimensional design solutions.
- **PO9. Modern Technique usage:** Specify furniture, fixtures, and equipment's of finish materials to meet the design criteria for a variety of interior spaces.
- **PO10.** Environment and Sustainability: Apply principles of lighting, acoustics, thermal comfort, and indoor air quality as required to enhance the health, safety, welfare, and performance of building occupants for overall sustainable development of the individuals.
- PO11. Ethics: Comply with laws, codes, and standards that impact fire safety and life safety.

PO12. Project/Construction Management: Produce construction drawings and documents using industry standards for a variety of interior spaces. Employ environment-behaviour research methodologies to address open-ended problems in interior design.

Program Specific Outcome:

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PSO1. Demonstrate critical thinking as they identify, analyze, and solve interior architecture and design problems through completion of interior design studio projects. Apply creative and critical thinking to solve interior environment problems from a human-cantered approach and apply this knowledge to design solutions.

PSO2. Demonstrate preparation for global design practice by incorporating cultural norms of user populations and applying that knowledge to design solutions that support globally diverse end users.

PSO3. Demonstrate effective visual, verbal, and written communication.

PSO4. Apply ethical and professional practices.

PSO5. Demonstrate social responsibility by designing sustainable interior environments that support indoor environmental quality and improve the quality of life for occupants.

PSO6. Engage in integrative professional design practice by contributing interior architecture and design expertise to collaborative design teams.

Note: - Correlation levels 1, 2 and 3 as defined below:

1: Slight (Low), 2: Moderate (Medium) and 3: Substantial (High)

If there is no correlation, put "-"

PROGRAMME ARTICULATION MATRIX																					
SEM	SUBJECT CODE	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12	PO 13	PO 14	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5	PSO 6
	BID101	3	3	3	3	2	1	2	3	3	1	1	3	3	1	3	3	-	-	2	-
	BID102	2	2	3	2	2	1	-		1	2	2	2	-	1	1	3	-	-	-	-
	BID103	2	2	1	-	3	1	2	3	3	2	1	1	2	2	3	3	1	-	-	-
- 1	BID104	1	1	1	2	-	-	-	2	-	-	-	2	-	-	1	1	-	-	-	-
	BID105	3	2	3	2	1	1	2	3	1	2	-	3	-	1	3	3	-	-	2	-
	BID106	-	1	-	-	-	-	3	2	-	-	-	-	-	1	1	1	-	-	-	-
	BID107	3	2	3	3	1	1	3	-	3	3	-	3	2	3	3	3	3	-	-	-
	BID201	3	2	3	3	2	2	2	3	3	1	1	3	3	1	3	3	-	-	2	-
	BID202	3	-	3	2	2	2	-	1	1	1	3	3	2	1	1	2	-	-	-	-
	BID203	2	2	1	1	3	2	2	3	3	2	1	2	2	1	3	3	1	-	2	-
П	BID204	1	3	1	-	-	-	-	1	1	-	-	2	-	1	1	1	-	-	-	-
	BID205	1	-	3	3	1	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-
	BID206	1	1	-	-	-	-	3	3	3	-	-	-	-	-	1	3	-	-	-	-
	BID207	3	-	1	3	1	1	-	1	3	3	3	3	3	3	3	3	3	-	-	-
	BID301	3	3	3	3	2	2	2	3	3	1	1	2	3	1	3	3	-	-	2	-
	BID302	2	-	3	2	2	2	-	1	1	1	2	2	2	1	1	1	-	-	-	-
	BID303	2	2	2	2	-	3	2	-	1	-	-	-	2	-	1	1	-	-	-	-
Ш	BID304	3	3	-	-	3	-	-	3	3	-	-	-	-	-	1	1	-	-	-	-
	BID305	1	-	3	3	1	2	-	-	-	-	-	-	-	-	1	-	-	-	-	-
	BID306	1	1	-	-	2	-	3	3	3	-	-	-	-	-	-	-	-	-	-	-
	BID307	1	3	1	-	3	-	-	3	3	-	-	-	-	3	-	-	-	-	2	-
	BID401	3	3	3	3	2	2	2	3	3	2	1	2	3	1	3	3	-	-	2	-
	BID402	2	1	3	2	2	2	-	1	-	2	1	2	3	1	1	1	-	-	2	-
	BID403	2	2	2	3	1	2	1	1	-	-	-	-	2	-	3	1	-	-	2	-
IV	BID404	3	-	2	3	1	2	1	1	-	1	2	2	2	-	1	1	-	-	2	-
	BID405	3	1	1	1	1	1	-	3	3	3	2	2	1	1	3	3	-	-	-	-
	BID406	3	3	3	3	3	2	3	2	3	3	2	3	-	-	1	3	-	-	2	-
	BID407	3	2	3	3	2	2	2	2	3	3	-	-	-	1	1	3	-	-	-	-
	BID501	3	3	3	3	2	2	2	3	3	3	1	2	3	1	3	1	-	-	2	-
	BID502	2	1	3	2	2	2	1	1	-	1	1	2	3	1	1	1	-	-	-	-
V	BID503	2	1	2	3	-	3	1	1	-	-	3	-	2	3	3	1	-	-	2	-
V	BID504	2	1	1	3	-	3	-	-	-	-	3	-	2	3	3	1	-	-	2	-
	BID505	1	1	-	-	1	-	3	3	3	-	-	1	-	3	1	1	3	-	-	-
	BID506	3	3	3	3	2	2	3	3	2	3	3	3	3	1	3	3	-	-	2	-
	BID601	3	3	3	3	2	2	2	3	3	3	3	1	3	1	3	3	-	-	2	-
	BID602	1	-	3	3	2	2	2	3	3	-	2	1	-	-	3	3	3	-	-	-
	BID603	3	3	2	2	1	1	1	3	3	1	2	2	2	3	3	3	-	-	-	-
VI	BID604	3	2	3	3	2	2	2	3	3	3	2	3	3	-	3	3	-	-	2	-
	BID605	2	-	1	3	-	-	-	-	-	-	-	-	-	3	3	-	-	-	-	-
	BID606	3	2	3	3	1	2	2	3	3	-	3	-	-	-	3	2	-	-	-	-
	BID607	2	3	3	3	1	2	2	3	3	1	-	-	-	3	3	2	-	-	-	-
VII	BID701	3	3	3	3	2	3	1	3	2	1	-	3	3	3	3	ı	-	-	2	-
VIII	BID 801	3	3	3	3	2	2	2	3	3	1	3	2	3	3	3	3	-	-	2	-

			i						i											
BID 802	-	-	-	-	1	1	-	1	-	-	-	-	3	3	2	3	3	3	-	3
BID 803	1	-	2	1	1	2	-	2	1	-	1	-	2	3	2	1	2	-	-	-
BID 804	3	1	2	2	2	1	-	2	2	1	-	2	-	-	-	1	-	-	-	-
BID 805	1	3	1	1	2	1	2	1	2	1	1	-	2	1	2	-	-	-	-	-

DEPARTMENT OF ARCHITECTURE & PLANNING

Course Handout

Course: Building Interior Services - I (Plumbing & Sanitation)

Course Code: BID 303, Crédits: 03, Session: 2021-22(Odd Sem.), Class: BID 2nd Year

Faculty Name: Ar. Manish Kumar Chitranshi

R. Introduction: To Familiarize the students with different building materials and construction techniques.

S. Course Outcomes: At the end of the course, students will be able to:

CO1: Students will learn the Water Supply, Sanitation, and waste water disposal system in a building as part of the building services.

CO2: The objective of the course is to provide a clear understanding about the Water Supply, know the latest market trends and requirements.

CO3: Sanitation and waste water disposal system in a building as part of the building services and know the latest market trends and requirements.

T. Programme Outcomes:

- **PO1. Design Knowledge:** Incorporate a global perspective when making design decisions, based on sustainable, socio-economic, and cultural contexts.
- **PO2. Problem Analysis:** Apply theories of human behaviour to human-centered design solutions.
- **PO3. Design/Development of Solutions:** Apply the design process to generate creative solutions to complex problems optimizing the human experience within the interior environment. Apply theory, psychology, and methodology of color to designs of the interior environment.
- **PO4. Individual and Team Work:** Collaborate in multi-disciplinary teams respecting a variety of points of view and perspectives that enrich the process and product of the team.
- **PO5. Communication:** Communicate complex ideas clearly to specialists and non-specialists through appropriate oral, written, and representational media.
- **PO6. Life Long Learning:** Exemplify accepted standards of professionalism and business practice including a commitment to engage in lifelong learning.
- **PO7. Context and Society:** Analyze interiors, architecture, the decorative arts, and art within a historical and cultural context to inform contemporary design solutions that relate with the society for whom the design solution is to be provided.
- **PO8. Synthesis of Concepts:** Synthesize theories and concepts of spatial definition and organization into multi-dimensional design solutions.
- PO9. Modern Technique usage: Specify furniture, fixtures, and equipment's of finish materials to

meet the design criteria for a variety of interior spaces.

- **PO10.** Environment and Sustainability: Apply principles of lighting, acoustics, thermal comfort, and indoor air quality as required to enhance the health, safety, welfare, and performance of building occupants for overall sustainable development of the individuals.
- **PO11. Ethics:** Comply with laws, codes, and standards that impact fire safety and life safety.
- **PO12. Project/Construction Management:** Produce construction drawings and documents using industry standards for a variety of interior spaces. Employ environment-behaviour research methodologies to address open-ended problems in interior design.

U. Programme Specific Outcomes:

As part of the school's charter and mission, Amity School of Architecture and Planning is providing a vibrant planning environment, ensuring its under-graduates are not only valued by the planning practice, but are also able to:

- **PSO1.** Demonstrate critical thinking as they identify, analyze, and solve interior architecture and design problems through completion of interior design studio projects. Apply creative and critical thinking to solve interior environment problems from a human-cantered approach and apply this knowledge to design solutions.
- **PSO2.** Demonstrate preparation for global design practice by incorporating cultural norms of user populations and applying that knowledge to design solutions that support globally diverse end users.
- **PSO3.** Demonstrate effective visual, verbal, and written communication.
- **PSO4.** Apply ethical and professional practices.
- **PSO5.** Demonstrate social responsibility by designing sustainable interior environments that support indoor environmental quality and improve the quality of life for occupants.
- **PSO6.** Engage in integrative professional design practice by contributing interior architecture and design expertise to collaborative design teams.

Assessment Plan:

Component of	Description	Code	Weightage
Evaluation			%
Continuous Internal	Mid Term	СТ	10%
Evaluation	Seminar/Viva-	S/V/Q/A	15%
	Voce/Quiz/Assignment		
Attendance	A minimum of 75% Attendance is	Α	5%
	required to be maintained by a studentto		
	be qualified for taking up the End Semester		
	examination. The allowance of 25%		
	includes all types of leaves		
	including medical leaves.		
End Semester	End Semester Examination	EE	70%

Examination		
Total		100%

V. Syllabus

Module I: Introduction to Building Services

Introduction to Building Services emphasis on Water Supply, Sanitation and Drainage, Water supply and distribution system at building level taking two-story building as example.

Module II: Sanitation disposal

Sanitation disposal at city two industrial level & sanitary layout and fixture setting at building level, Toilet & Kitchen layout of a residential building with sanitary fitting & Fixture, Market survey of all the sanitary products and presentation in form of report

Module III: Piping system

Interior to Piping system / I.C / G.T. and with all its types, Storm water drainage system in a building, Pipes and fittings, materials, size and classification.

Module IV: Water storage

Underground, overhead and internal storage tanks and supply lines.

Examination Scheme:

Components	Attendance	Mid-Term	Assignment	EE
Weightage (%)	5	10	15	70

CT: Class Test, A: Assignment, S/V/Q: Seminar/Viva/Quiz, EE: End Semester Examination; A: Attendance

- W. Suggested Text/Reference Books:
- X. Home Plumbing The David & Charles Manual, Ernest Hall
- Y. Water Supply & Sanitation, Charanjit S. Shah
- Z. The Construction of Building Vol 1 to 5, R. Barry
- AA. Building Construction, N.L. Arora &, B.R. Gupta
- **BB.** The Books of Kitchens, Anthony Rowley

References:

- The Construction of Building Vol- 1 to 5, R. Barry
- Building Construction, N.L. Arora &, B.R. Gupta
- Interior Detail 1 (Residence), Jeong, Kwang Young
- Interior Spaces Vol 6 (A Pictorial Review), Image Publishing Group

CC. Lecture Plan

Lecture	Topics	Mode of Delivery	Correspon ding CO	Mode of Assessing CO
1	Introduction to Building Services emphasis on Water Supply	Lecture	CO1	Mid Term-1, Quiz & End Sem Exam
2	Introduction to Building	Lecture	CO1	Mid Term-1, Quiz & End Sem Exam

	Services emphasis on			
	Water Supply			
3	Introduction to Building	Lecture	CO1	Mid Term-1, Quiz
	Services emphasis on			& End Sem Exam
	Water Supply			
4	Introduction to Building	Lecture	CO1	Mid Term-1, Quiz
	Services emphasis on Water			& End Sem Exam
	Supply			
5	Introduction to Building	Lecture	CO1	Mid Term-1, Quiz
	Services emphasis on			& End Sem Exam
	Water Supply			
6	Introduction to Building	Lecture	CO1	Mid Term-1, Quiz
	Services emphasis on			& End Sem Exam
	Sanitation and			
	Drainage, Water supply			
	and distribution system			
7	Introduction to Building	Lecture	CO1	Mid Term-1, Quiz
	Services emphasis on			& End Sem Exam
	Sanitation and			
	Drainage, Water supply			
	and distribution system			
8	Introduction to Building	Lecture	CO1	Mid Term-1, Quiz
	Services emphasis on			& End Sem Exam
	Sanitation and			
	Drainage, Water supply			
	and distribution system			
9	Introduction to Building	Lecture	CO1	Mid Term-1, Quiz
	Services emphasis on			& End Sem Exam
	Sanitation and			
	Drainage, Water supply			
	and distribution system			
10	Introduction to Building	Lecture	CO1	Mid Term-1, Quiz
	Services emphasis on			& End Sem Exam
	Sanitation and			
	Drainage, Water supply			
	and distribution system			

11	1	Loctura	CO1	Mid Torm 1 Ouis
11	Introduction to Building	Lecture	CO1	Mid Term-1, Quiz & End Sem Exam
	Services emphasis on			G 2.10 CO.11 2.10.11
	Sanitation and			
	Drainage, Water supply			
	and distribution system			
12	Introduction to Building	Lecture	CO1	Mid Term-1, Quiz & End Sem Exam
	Services emphasis on			& Ellu Selli Exalli
	Sanitation and			
	Drainage, Water supply			
	and distribution system			
13	Introduction to Building	Lecture	CO1	Mid Term-1, Quiz
	Services emphasis on			& End Sem Exam
	Sanitation and			
	Drainage, Water supply			
	and distribution system			
14	Sanitation disposal at city	Lecture	CO1	Mid Term-1, Quiz
	two industrial level & sanitary			& End Sem Exam
	layout and fixture setting at			
	building level			
15	Sanitation disposal at city	Lecture	CO1	Mid Term-1, Quiz
	two industrial level & sanitary			& End Sem Exam
	layout and fixture setting at			
	building level			
16	Sanitation disposal at city	Lecture	CO2	Mid Term-1, Quiz
	two industrial level & sanitary			& End Sem Exam
	layout and fixture setting at			
	building level			
17	Sanitation disposal at city	Lecture	CO2	Mid Term-1, Quiz
	two industrial level & sanitary			& End Sem Exam
	layout and fixture setting at			
	building level			
18	Sanitation disposal at city	Lecture	CO2	Mid Term-1, Quiz
	two industrial level & sanitary			& End Sem Exam
	layout and fixture setting at			
	building level			
	•	•		•

19	Sanitation disposal at city two industrial level & sanitary layout and fixture setting at building level	Lecture	CO2	Mid Term-1, Quiz & End Sem Exam
20	Sanitation disposal at city two industrial level & sanitary layout and fixture setting at building level	Lecture	CO2	Mid Term-1, Quiz & End Sem Exam
21	Sanitation disposal at city two industrial level & sanitary layout and fixture setting at building level	Lecture	CO2	Mid Term-2, Quiz & End Sem Exam
22	Sanitation disposal at city two industrial level & sanitary layout and fixture setting at building level	Lecture	CO2	Mid Term-2, Quiz & End Sem Exam
23	Sanitation disposal at city two industrial level & sanitary layout and fixture setting at building level	Lecture	CO2	Mid Term-2, Quiz & End Sem Exam
24	Sanitation disposal at city two industrial level & sanitary layout and fixture setting at building level	Lecture	CO2	Mid Term-2, Quiz & End Sem Exam
25	Sanitation disposal at city two industrial level & sanitary layout and fixture setting at building level	Lecture	CO2	Mid Term-2, Quiz & End Sem Exam
26	Sanitation disposal at city two industrial level & sanitary layout and fixture setting at building level	Lecture	CO2	Mid Term-2, Quiz & End Sem Exam
27	Sanitation disposal at city two industrial level & sanitary layout and fixture setting at building level	Lecture	CO2	Mid Term-2, Quiz & End Sem Exam

28	Carifolia dia 1	Lecture	CO2	Mid Term-2, Quiz
20	Sanitation disposal at city	LCCLUIC	502	& End Sem Exam
	two industrial level & sanitary			
	layout and fixture setting at			
20	building level	last	603	Naid Tana 2 C '
29	Toilet & Kitchen layout of a	Lecture	CO2	Mid Term-2, Quiz & End Sem Exam
	residential building with			
	sanitary fitting			
	& Fixture, Market survey of			
	all the sanitary products and			
	presentation in form			
	of report			
30	Toilet & Kitchen layout of a	Lecture	CO2	Mid Term-2, Quiz & End Sem Exam
	residential building with			& End Sem Exam
	sanitary fitting			
	& Fixture, Market survey of			
	all the sanitary products and			
	presentation in form			
	of report			
31	Toilet & Kitchen layout of a	Lecture	CO3	Mid Term-2, Quiz
	residential building with			& End Sem Exam
	sanitary fitting			
	& Fixture, Market survey of			
	all the sanitary products and			
	presentation in form			
	of report			
32	Toilet & Kitchen layout of a	Lecture	CO3	Mid Term-2, Quiz
	residential building with			& End Sem Exam
	sanitary fitting			
	& Fixture, Market survey of			
	all the sanitary products and			
	presentation in form			
	of report			
33	Toilet & Kitchen layout of a	Lecture	CO3	Mid Term-2, Quiz
	residential building with			& End Sem Exam
	sanitary fitting			
		l		

	O. Cintuma Mandant C			
	& Fixture, Market survey of			
	all the sanitary products and			
	presentation in form			
2.4	of report	11	602	MidTo 2 O i
34	Toilet & Kitchen layout of a	Lecture	CO3	Mid Term-2, Quiz & End Sem Exam
	residential building with			
	sanitary fitting			
	& Fixture, Market survey of			
	all the sanitary products and			
	presentation in form			
	of report			
35	Interior to Piping system / I.C	Lecture	CO3	Mid Term-2, Quiz & End Sem Exam
	/ G.T. and with all its types,			& Elia Scili Exam
	Storm water drainage			
	system in a building,			
	Pipes and fittings,			
	materials, size and			
	classification.			
36	Interior to Piping system / I.C	Lecture	CO3	Mid Term-2, Quiz & End Sem Exam
	/ G.T. and with all its types,			& Liiu Seili Exdiii
	Storm water drainage			
	system in a building,			
	Pipes and fittings,			
	materials, size and			
	classification.			
37	Interior to Piping system / I.C	Lecture	CO3	Mid Term-2, Quiz
	/ G.T. and with all its types,			& End Sem Exam
	Storm water drainage			
	system in a building,			
	Pipes and fittings,			
	materials, size and			
	classification.			
38	Interior to Piping system / I.C	Lecture	CO3	Mid Term-2, Quiz
	/ G.T. and with all its types,			& End Sem Exam
	Storm water drainage			
	system in a building,			
	Pipes and fittings,			
			•	•

	materials, size and			
	classification.			
39	Interior to Piping system / I.C	Lecture	CO3	Mid Term-2, Quiz
	/ G.T. and with all its types,			& End Sem Exam
	Storm water drainage			
	system in a building,			
	Pipes and fittings,			
	materials, size and			
	classification.			
40	Underground, overhead	Lecture	CO3	Mid Term-2, Quiz
	and internal storage			& End Sem Exam
	tanks and supply lines.			
41	Underground, overhead	Lecture	CO3	Mid Term-2, Quiz
	and internal storage			& End Sem Exam
	tanks and supply lines.			
42	Underground, overhead	Lecture	CO3	Mid Term-2, Quiz & End Sem Exam
	and internal storage			& End Sem Exam
	tanks and supply lines.			
43	Underground, overhead	Lecture	CO3	Mid Term-2, Quiz
	and internal storage			& End Sem Exam
	tanks and supply lines.			
44	Underground, overhead	Lecture	CO3	Mid Term-2, Quiz
	and internal storage			& End Sem Exam
	tanks and supply lines.			
45	Underground, overhead	Lecture	CO3	Mid Term-2, Quiz
	and internal storage			& End Sem Exam
	tanks and supply lines.			

DD. Course Articulation Matrix (Mapping of COs with POs)

СО	STATEMENT		COF	RREL		W NC			GRA	MMI	Ξ			CORRELATION WITH PROGRAMME SPECIFIC OUTCOMES				
		Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	PS	PS	PS	PS	PS
		0	0	0	0	О	0	0	0	0	0	0	0	01	02	О3	04	05
		1	2	3	4	5	6	7	8	9	1	1	1					
											0	1	2					

CO 01	Students will learn the																	
	Water Supply,																	
	Sanitation, and waste	2	2	2		_	3	2	-	1	-	-	-	2	-	1		
	water disposal system	2	2	2	2	-	3	2										
	in a building as part of																	
	the building services.																1	-
CO 02	The objective of the																	
	course is to provide a																	
	clear understanding																	
	about the Water																	
	Supply, know the																	
	latest market trends																	
	and requirements.																	
CO 03	Sanitation and waste																	
	water disposal system																	
	in a building as part of																	
	the building services																	
	and know the latest																	
	market trends and																	
	requirements.																	

Sample Question Paper

Amity School of Architecture & Planning I MID-SEMESTER (SEM –III) 2021-22												
	Cl	ass: B.Tech.(CSE)	III Semeste	r								
Subject Name: BID 303 Time: 2 Hrs Max. Marks: 10 Building Interior Services - I												
Levels of the questions as per Blooms Taxonomy	Remembering	Understanding	Applying	Analyz	zing	Evaluating	Creating					
Question Mapping	Q.1,4	Q.2,3	Q.4	Q.2,5,	6							

Student will be able to

 ${\bf CO1: List\ the\ broad\ perceptive\ of\ cloud\ architecture\ and\ model}.$

CO2: Apply different cloud programming models as per need.

CO Map	Question No.	Question	Marks
CO1	Q.1	Explain in brief the cloud computing concept.	3
CO1	Q.2a	What are the essential characteristics of cloud computing?	3
	Q.2b	How is cloud computing requirements and cloud servicerequirement services related to each other?	3

CO2	Q.3	Sketch NIST Cloud Computing Reference Architecture and depictits elements	6
CO2	Q.4	Explain the significance of Cloud Reference Model	3
CO3	Q.5a	Elaborate different cloud types with example.	3
CO3	Q.5b	Write characteristics of private cloud.	3
CO3	Q6	How virtualization is applied in cloud computing scenario?	6

Attainments	i	Rubric
Level	1 1	IF 60% of students secure more than 60% marks then level 1
20001	_	in 60% of students seedie more than 60% marks them level 1
Level	2	IF 70% of students secure more than 60% marks then level 2
Level	3	IF 80% of students secure more than 60% marks then level 3

Course outcome: Based on internal and external assessment the level of Course outcome attainment of the course BID/Course code BID 303 is level 2 for the academic year 2021-2022.



AMITY UNIVERSITY MADHYA PRADESH, GWALIOR AMITY SCHOOL OF ARCHITECTURE AND PLANNING DEPARTMENT OF ARCHITECTURE AND PLANNING

PROGRAMME OUTCOMES AND PROGRAMME SPECIFIC OUTCOMES Bachelor of Interior Design (BID), Academic Year – 2021-22

Program Outcomes:

- **PO1. Design Knowledge:** Incorporate a global perspective when making design decisions, based on sustainable, socio-economic, and cultural contexts.
- PO2. Problem Analysis: Apply theories of human behaviour to human-centered design solutions.
- **PO3.** Design/Development of Solutions: Apply the design process to generate creative solutions to complex problems optimizing the human experience within the interior environment. Apply theory, psychology, and methodology of color to designs of the interior environment.
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PSO2. Demonstrate preparation for global design practice by incorporating cultural norms of user populations and applying that knowledge to design solutions that support globally diverse end users.

PSO3. Demonstrate effective visual, verbal, and written communication.

PSO4. Apply ethical and professional practices.

PSO5. Demonstrate social responsibility by designing sustainable interior environments that support indoor environmental quality and improve the quality of life for occupants.

PSO6. Engage in integrative professional design practice by contributing interior architecture and design expertise to collaborative design teams.

Note: - Correlation levels 1, 2 and 3 as defined below:

1: Slight (Low), 2: Moderate (Medium) and 3: Substantial (High)

If there is no correlation, put "-"

	PROGRAMME ARTICULATION MATRIX																				
SEM	SUBJECT CODE	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12	PO 13	PO 14	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5	PSO 6
	BID101	3	3	3	3	2	1	2	3	3	1	1	3	3	1	3	3	-	-	2	-
	BID102	2	2	3	2	2	1	-		1	2	2	2	-	1	1	3	-	-	-	-
	BID103	2	2	1	-	3	1	2	3	3	2	1	1	2	2	3	3	1	-	-	-
- 1	BID104	1	1	1	2	-	-	-	2	-	-	-	2	-	-	1	1	-	-	-	-
	BID105	3	2	3	2	1	1	2	3	1	2	-	3	-	1	3	3	-	-	2	-
	BID106	-	1	-	-	-	-	3	2	-	-	-	-	-	1	1	1	-	-	-	-
	BID107	3	2	3	3	1	1	3	-	3	3	-	3	2	3	3	3	3	-	-	-
	BID201	3	2	3	3	2	2	2	3	3	1	1	3	3	1	3	3	-	-	2	-
	BID202	3	-	3	2	2	2	-	1	1	1	3	3	2	1	1	2	-	-	-	-
	BID203	2	2	1	1	3	2	2	3	3	2	1	2	2	1	3	3	1	-	2	-
П	BID204	1	3	1	-	-	-	-	1	1	-	-	2	-	1	1	1	-	-	-	-
	BID205	1	-	3	3	1	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-
	BID206	1	1	-	-	-	-	3	3	3	-	-	-	-	-	1	3	-	-	-	-
	BID207	3	-	1	3	1	1	-	1	3	3	3	3	3	3	3	3	3	-	-	-
	BID301	3	3	3	3	2	2	2	3	3	1	1	2	3	1	3	3	-	-	2	-
	BID302	2	-	3	2	2	2	-	1	1	1	2	2	2	1	1	1	-	-	-	-
	BID303	2	2	2	2	-	3	2	-	1	-	-	-	2	-	1	1	-	-	-	-
Ш	BID304	3	3	-	-	3	-	-	3	3	-	-	-	-	-	1	1	-	-	-	-
	BID305	1	-	3	3	1	2	-	-	-	-	-	-	-	-	1	-	-	-	-	-
	BID306	1	1	-	-	2	-	3	3	3	-	-	-	-	-	-	-	-	-	-	-
	BID307	1	3	1	-	3	-	-	3	3	-	-	-	-	3	-	-	-	-	2	-
	BID401	3	3	3	3	2	2	2	3	3	2	1	2	3	1	3	3	-	-	2	-
	BID402	2	1	3	2	2	2	-	1	-	2	1	2	3	1	1	1	-	-	2	-
	BID403	2	2	2	3	1	2	1	1	-	-	-	-	2	-	3	1	-	-	2	-
IV	BID404	3	-	2	3	1	2	1	1	-	1	2	2	2	-	1	1	-	-	2	-
	BID405	3	1	1	1	1	1	-	3	3	3	2	2	1	1	3	3	-	-	-	-
	BID406	3	3	3	3	3	2	3	2	3	3	2	3	-	-	1	3	-	-	2	-
	BID407	3	2	3	3	2	2	2	2	3	3	-	-	-	1	1	3	-	-	-	-
	BID501	3	3	3	3	2	2	2	3	3	3	1	2	3	1	3	1	-	-	2	-
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V	BID503	2	1	2	3	-	3	1	1	-	-	3	-	2	3	3	1	-	-	2	-
V	BID504	2	1	1	3	-	3	-	-	-	-	3	-	2	3	3	1	-	-	2	-
	BID505	1	1	-	-	1	-	3	3	3	-	-	1	-	3	1	1	3	-	-	-
	BID506	3	3	3	3	2	2	3	3	2	3	3	3	3	1	3	3	-	-	2	-
	BID601	3	3	3	3	2	2	2	3	3	3	3	1	3	1	3	3	-	-	2	-
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VI	BID604	3	2	3	3	2	2	2	3	3	3	2	3	3	-	3	3	-	-	2	-
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	BID606	3	2	3	3	1	2	2	3	3	-	3	-	-	-	3	2	-	-	-	-
	BID607	2	3	3	3	1	2	2	3	3	1	-	-	-	3	3	2	-	-	-	-
VII	BID701	3	3	3	3	2	3	1	3	2	1	-	3	3	3	3	ı	-	-	2	-
VIII	BID 801	3	3	3	3	2	2	2	3	3	1	3	2	3	3	3	3	-	-	2	-

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BID 803	1	-	2	1	1	2	-	2	1	-	1	-	2	3	2	1	2	-	-	-
BID 804	3	1	2	2	2	1	-	2	2	1	-	2	-	-	-	1	-	-	-	-
BID 805	1	3	1	1	2	1	2	1	2	1	1	-	2	1	2	-	-	-	-	-

DEPARTMENT OF ARCHITECTURE & PLANNING

Course Handout

Course: Photography

Course Code: BID 304, Crédits: 02, Session: 2021-22(Odd Sem.), Class: BID 2nd Year

Faculty Name: Ar. Manish Kumar Chitranshi

A. Introduction: To Familiarize the students to develop a basic sense of visual perception for students through observation of composition, color and light interaction, shades and shadows and positive and negative space relationship.

- **B.** Course Outcomes: At the end of the course, students will be able to:
 - CO1: Development of fundamental and technical capabilities necessary for photography.
 - CO2: To develop competency in basic photographic techniques required for Interior Design.
 - CO3: The course is skill based and practical involving the development of fundamental and technical capabilities necessary for photography.
 - CO4: It enables students to see things, analyze them and express them in a strong visual form.

C. Programme Outcomes:

- **PO1. Design Knowledge:** Incorporate a global perspective when making design decisions, based on sustainable, socio-economic, and cultural contexts.
- **PO2. Problem Analysis:** Apply theories of human behaviour to human-centered design solutions.
- **PO3. Design/Development of Solutions:** Apply the design process to generate creative solutions to complex problems optimizing the human experience within the interior environment. Apply theory, psychology, and methodology of color to designs of the interior environment.
- **PO4. Individual and Team Work:** Collaborate in multi-disciplinary teams respecting a variety of points of view and perspectives that enrich the process and product of the team.
- **PO5. Communication:** Communicate complex ideas clearly to specialists and non-specialists through appropriate oral, written, and representational media.
- **PO6. Life Long Learning:** Exemplify accepted standards of professionalism and business practice including a commitment to engage in lifelong learning.
- **PO7. Context and Society:** Analyze interiors, architecture, the decorative arts, and art within a historical and cultural context to inform contemporary design solutions that relate with the society for whom the design solution is to be provided.
- **PO8. Synthesis of Concepts:** Synthesize theories and concepts of spatial definition and organization into multi-dimensional design solutions.
- **PO9. Modern Technique usage:** Specify furniture, fixtures, and equipment's of finish materials to

meet the design criteria for a variety of interior spaces.

- **PO10.** Environment and Sustainability: Apply principles of lighting, acoustics, thermal comfort, and indoor air quality as required to enhance the health, safety, welfare, and performance of building occupants for overall sustainable development of the individuals.
- **PO11. Ethics:** Comply with laws, codes, and standards that impact fire safety and life safety.
- **PO12. Project/Construction Management:** Produce construction drawings and documents using industry standards for a variety of interior spaces. Employ environment-behaviour research methodologies to address open-ended problems in interior design.

D. Programme Specific Outcomes:

As part of the school's charter and mission, Amity School of Architecture and Planning is providing a vibrant planning environment, ensuring its under-graduates are not only valued by the planning practice, but are also able to:

- **PSO1.** Demonstrate critical thinking as they identify, analyze, and solve interior architecture and design problems through completion of interior design studio projects. Apply creative and critical thinking to solve interior environment problems from a human-cantered approach and apply this knowledge to design solutions.
- **PSO2.** Demonstrate preparation for global design practice by incorporating cultural norms of user populations and applying that knowledge to design solutions that support globally diverse end users.
- **PSO3.** Demonstrate effective visual, verbal, and written communication.
- **PSO4.** Apply ethical and professional practices.
- **PSO5.** Demonstrate social responsibility by designing sustainable interior environments that support indoor environmental quality and improve the quality of life for occupants.
- **PSO6.** Engage in integrative professional design practice by contributing interior architecture and design expertise to collaborative design teams.

Assessment Plan:

Component of	Description	Code	Weightage
Evaluation			%
Continuous Internal	Mid Term	СТ	10%
Evaluation	Seminar/Quiz/ Assignment	S//Q/A	15%
Attendance	A minimum of 75% Attendance is required to be maintained by a studentto be qualified for taking up the End Semester examination. The allowance of 25% includes all types of leaves including medical leaves.	A	5%
End Semester	End Semester	VV	70%

Examination	Viva-Voce	
Total		100%

E. Syllabus

Module I: Introduction

the basic principles of photography and photographic equipment Analog and digital photography. Types of cameras. Understanding of the camera, its various parts and controls. Lenses, sensors, scanners, shutter speeds and movement, focus and aperture, choice of exposure, changing focal length, flash and its control, light conditions, light compensation. Accessories - studio equipment, tripod, flashlight, lens filters, hood, adapters, grid screen, memory cards, batteries and rechargeable etc., use of fixed focal lenses, black and white negative films.

Module II: Techniques

Seeing and photographing, using the view finder, framing up, creating a point of emphasis, picking lighting conditions, pattern, texture and shape, color etc.

Module III: Lighting in photography

Quality and quantity, soft and hard, lighting direction, color temperature in camera meters, incident light meters, flash meters, using studio lights, number of lights, types of lights, tungsten, flash, fluorescent etc., proper accessories, reflectors, filters, shift lens, daylight, artificial light, mixed light, simple setups for adding light, multiple light sources etc.

Module IV: Digital photography

introduction to digital photography tools, different aspects of taking images, steps in image processing, editing techniques, sequencing, image manipulation using a computer, storage formats, printing digital files, presentation of photographs.

Module IV: Interior photography

Analysis of subject and content, perspective – vanishing points, distortion, converging verticals, usage of shift lens, camera position, picture format, image frame and composition – stationery surrounding objects, moving objects. Shooting parameters – shutter speed, aperture, light sensitivity, exposure, shadows and reflections.

Examination Scheme:

Components	Attendance	Mid-Term	Assignment	VV
Weightage (%)	5	10	15	70

CT: Class Test, A: Assignment, S/VV/Q: Seminar/Viva/Quiz, EE: End Semester Examination; A: Attendance

F. Suggested Text/Reference Books:

Scott Kelby, The Digital Photography Book, peachpit press, 1st edition, 2006. Tom Grimme & Michelle Grimme, The Basic Book of Photography, 5th ed., Plume, 2003. Eric Roth, Interior Photography: Lighting and Other Professional Techniques with Style, Amphoto

Books; illustrated edition, 2005

Julius Shulman & Richard Neutra, Photographing Architecture and Interiors, Balcony Press, 1st edition,

2000.

Michael Harris, Professional Interior Photography, Focal press publishers, third edition, 2003

References:

Philip Andrews & Michael Langford, Langford's starting photography: A guide to better pictures for film

and digital camera users, Focal press publishers, 4th edition, 2005.

John Freeman, Lighting for Interiors, Rotovision publishers, illustrated edition, 2002. Bryan Peterson, Understanding close-up photography: Creative close encounters with or without a

macro lens, Amphoto Books publishers, illustrated edition, 2009.

G. Lecture Plan

Lecture	Topics	Mode of Delivery	Correspon ding CO	Mode of Assessing CO
1	the basic principles of photography and photographic equipment Analog and digital	Lecture	CO1	Mid Term-1, Quiz & End Sem Exam
2	photography. Types of cameras. Understanding of the camera, its various parts and	Lecture	CO1	Mid Term-1, Quiz & End Sem Exam
3	controls. Lenses, sensors, scanners, shutter speeds and movement, focus and	Lecture	CO1	Mid Term-1, Quiz & End Sem Exam
4	aperture, choice of exposure, changing focal length, flash and its control, light	Lecture	CO1	Mid Term-1, Quiz & End Sem Exam
5	conditions, light compensation. Accessories - studio equipment, tripod, flashlight,	Lecture	CO1	Mid Term-1, Quiz & End Sem Exam
6	lens filters, hood, adapters, grid screen, memory cards, batteries and rechargeable	Lecture	CO1	Mid Term-1, Quiz & End Sem Exam
7	etc., use of fixed focal lenses, black and white negative films.	Lecture	CO2	Mid Term-1, Quiz & End Sem Exam
8	the basic principles of photography and photographic equipment Analog and digital	Lecture	CO2	Mid Term-1, Quiz & End Sem Exam
9	photography. Types of cameras. Understanding of the camera, its various parts and	Lecture	CO2	Mid Term-1, Quiz & End Sem Exam
10	controls. Lenses, sensors, scanners, shutter speeds and movement, focus and	Lecture	CO2	Mid Term-1, Quiz & End Sem Exam
11	Seeing and photographing, using the view finder, framing up, creating a point of	Lecture	CO2	Mid Term-1, Quiz & End Sem Exam

12	emphasis, picking lighting	Lecture	CO2	Mid Term-1, Quiz
	conditions, pattern,			& End Sem Exam
	texture and shape, color etc.			
13	Seeing and photographing,	Lecture	CO2	Mid Term-1, Quiz
	using the view finder,	20000.0	332	& End Sem Exam
	framing up, creating a			
4.4	point of	<u>.</u>	603	14:17 1.0:
14	emphasis, picking lighting conditions, pattern,	Lecture	CO2	Mid Term-1, Quiz & End Sem Exam
	texture and shape, color			& End Sem Exam
	etc.			
15	Seeing and photographing,	Lecture	CO2	Mid Term-1, Quiz
	using the view finder, framing up, creating a			& End Sem Exam
	point of			
16	quality and quantity, soft	Lecture	CO3	Mid Term-1, Quiz
	and hard, lighting			& End Sem Exam
	direction, color			
17	temperature in camera meters, incident light	Lecture	CO3	Mid Term-1, Quiz
1/	meters, flash meters, using	Lecture	1003	& End Sem Exam
	studio lights, number of			& Elia Scili Exalli
	lights,			
18	types of lights, tungsten,	Lecture	CO3	Mid Term-1, Quiz
	flash, fluorescent etc., proper accessories,			& End Sem Exam
	reflectors, filters,			
19	shift lens, daylight,	Lecture	CO3	Mid Term-1, Quiz
	artificial light, mixed light,			& End Sem Exam
	simple setups for adding light,			
20	multiple light sources etc.	Lecture	CO3	Mid Term-1, Quiz
				& End Sem Exam
21	quality and quantity, soft	Lecture	CO3	Mid Term-2, Quiz
	and hard, lighting			& End Sem Exam
	direction, color temperature in camera			
22	meters, incident light	Lecture	CO4	Mid Term-2, Quiz
	meters, flash meters, using			& End Sem Exam
	studio lights, number of			G = 114 G = 114 11
22	lights,	<u>.</u>	604	14:17 20:
23	types of lights, tungsten, flash, fluorescent etc.,	Lecture	CO4	Mid Term-2, Quiz
	proper accessories,			& End Sem Exam
	reflectors, filters,			
24	shift lens, daylight,	Lecture	CO4	Mid Term-2, Quiz
	artificial light, mixed light,			& End Sem Exam
	simple setups for adding light,			
25	multiple light sources etc.	Lecture	CO4	Mid Term-2, Quiz
	_			& End Sem Exam
26	introduction to digital	Lecture	CO4	Mid Term-2, Quiz
	photography tools,			& End Sem Exam
	different aspects of taking			
	images, steps in			

27	image processing, editing techniques, sequencing, image manipulation using a	Lecture	CO4	Mid Term-2, Quiz & End Sem Exam
28	computer, storage formats, printing digital files, presentation of photographs.	Lecture	CO4	Mid Term-2, Quiz & End Sem Exam
29	Analysis of subject and content, perspective - vanishing points, distortion,	Lecture	CO4	Mid Term-2, Quiz & End Sem Exam
30	converging verticals, usage of shift lens, camera position, picture format, image	Lecture	CO4	Mid Term-2, Quiz & End Sem Exam

H. Course Articulation Matrix (Mapping of COs with POs)

СО	STATEMENT		COF	RREL			/ITH COM		GRA	MMI	E			CORRELATION WITH PROGRAMME SPECIFIC OUTCOMES				
		P O 1	P O 2	P O 3	P O 4	P O 5	P O 6	P O 7	P O 8	P O 9	P O 1	P O 1	P O 1 2	PS O1	PS O2	PS O3	PS 04	PS 05
CO 01	Development of fundamental and technical capabilities necessary for photography.	3	3	-	-	3	-	-	3	3	-	1	-	-	-	1	1	-
CO 02	To develop competency in basic photographic techniques required for Interior Design.																	
	The course is skill based and practical involving the development of fundamental and technical capabilities necessary for photography.	3	3	-	-	3	-	-	3	3	-	_	-	-	-	1	1	-
CO 04	It enables students to see things, analyze them and express them in a strong visual form.																	

Sample Question Paper

	Amity School of Architecture & Planning I MID-SEMESTER (SEM –III) 2021-22												
	Class: B.Tech.(CSE) III Semester												
Subject Name: BID 304 Time: 2 Hrs Max. Marks: 10 Photography													
Levels of the questions as per Blooms Taxonomy	Remembering	Understanding	Applying	Analyz	zing	Evaluating	Creating						
Question Mapping	Q.1,4	Q.2,3	Q.4	Q.2,5,	6								

Student will be able to

CO1: List the broad perceptive of cloud architecture and model.

CO2: Apply different cloud programming models as per need.

CO Map	Question No.	Question	Marks
CO1	Q.1	Explain in brief the cloud computing concept.	3
CO1	Q.2a	What are the essential characteristics of cloud computing?	3
	Q.2b	How is cloud computing requirements and cloud servicerequirement services related to each other?	3
CO2	Q.3	Sketch NIST Cloud Computing Reference Architecture and depictits elements	6
CO3	Q.4	Explain the significance of Cloud Reference Model	3
CO4	Q.5a	Elaborate different cloud types with example.	3
CO4	Q.5b	Write characteristics of private cloud.	3
CO4	Q 6	How virtualization is applied in cloud computing scenario?	6

Attainments		Rubric
Level	1	IF 60% of students secure more than 60% marks then level 1
Level	2	IF 70% of students secure more than 60% marks then level 2

Level	3	IF 80% of students secure more than 60% marks then level 3

Course outcome: Based on internal and external assessment the level of Course outcome attainment of the course BID/Course code BID 304 is level 2 for the academic year 2021-2022.



AMITY UNIVERSITY MADHYA PRADESH, GWALIOR AMITY SCHOOL OF ARCHITECTURE AND PLANNING DEPARTMENT OF ARCHITECTURE AND PLANNING

PROGRAMME OUTCOMES AND PROGRAMME SPECIFIC OUTCOMES Bachelor of Interior Design (BID), Academic Year – 2021-22

Program Outcomes:

- **PO1. Design Knowledge:** Incorporate a global perspective when making design decisions, based on sustainable, socio-economic, and cultural contexts.
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PSO3. Demonstrate effective visual, verbal, and written communication.

PSO4. Apply ethical and professional practices.

PSO5. Demonstrate social responsibility by designing sustainable interior environments that support indoor environmental quality and improve the quality of life for occupants.

PSO6. Engage in integrative professional design practice by contributing interior architecture and design expertise to collaborative design teams.

Note: - Correlation levels 1, 2 and 3 as defined below:

1: Slight (Low), 2: Moderate (Medium) and 3: Substantial (High)

If there is no correlation, put "-"

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SEM	SUBJECT CODE	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12	PO 13	PO 14	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5	PSO 6
	BID101	3	3	3	3	2	1	2	3	3	1	1	3	3	1	3	3	-	-	2	-
	BID102	2	2	3	2	2	1	-		1	2	2	2	-	1	1	3	-	-	-	-
	BID103	2	2	1	-	3	1	2	3	3	2	1	1	2	2	3	3	1	-	-	-
- 1	BID104	1	1	1	2	-	-	-	2	-	-	-	2	-	-	1	1	-	-	-	-
	BID105	3	2	3	2	1	1	2	3	1	2	-	3	-	1	3	3	-	-	2	-
	BID106	-	1	-	-	-	-	3	2	-	-	-	-	-	1	1	1	-	-	-	-
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	BID201	3	2	3	3	2	2	2	3	3	1	1	3	3	1	3	3	-	-	2	-
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	BID203	2	2	1	1	3	2	2	3	3	2	1	2	2	1	3	3	1	-	2	-
П	BID204	1	3	1	-	-	-	-	1	1	-	-	2	-	1	1	1	-	-	-	-
	BID205	1	-	3	3	1	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-
	BID206	1	1	-	-	-	-	3	3	3	-	-	-	-	-	1	3	-	-	-	-
	BID207	3	-	1	3	1	1	-	1	3	3	3	3	3	3	3	3	3	-	-	-
	BID301	3	3	3	3	2	2	2	3	3	1	1	2	3	1	3	3	-	-	2	-
	BID302	2	-	3	2	2	2	-	1	1	1	2	2	2	1	1	1	-	-	-	-
	BID303	2	2	2	2	-	3	2	-	1	-	-	-	2	-	1	1	-	-	-	-
Ш	BID304	3	3	-	-	3	-	-	3	3	-	-	-	-	-	1	1	-	-	-	-
	BID305	1	-	3	3	1	2	-	-	-	-	-	-	-	-	1	-	-	-	-	-
	BID306	1	1	-	-	2	-	3	3	3	-	-	-	-	-	-	-	-	-	-	-
	BID307	1	3	1	-	3	-	-	3	3	-	-	-	-	3	-	-	-	-	2	-
	BID401	3	3	3	3	2	2	2	3	3	2	1	2	3	1	3	3	-	-	2	-
	BID402	2	1	3	2	2	2	-	1	-	2	1	2	3	1	1	1	-	-	2	-
	BID403	2	2	2	3	1	2	1	1	-	-	-	-	2	-	3	1	-	-	2	-
IV	BID404	3	-	2	3	1	2	1	1	-	1	2	2	2	-	1	1	-	-	2	-
	BID405	3	1	1	1	1	1	-	3	3	3	2	2	1	1	3	3	-	-	-	-
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	BID407	3	2	3	3	2	2	2	2	3	3	-	-	-	1	1	3	-	-	-	-
	BID501	3	3	3	3	2	2	2	3	3	3	1	2	3	1	3	1	-	-	2	-
	BID502	2	1	3	2	2	2	1	1	-	1	1	2	3	1	1	1	-	-	-	-
V	BID503	2	1	2	3	-	3	1	1	-	-	3	-	2	3	3	1	-	-	2	-
V	BID504	2	1	1	3	-	3	-	-	-	-	3	-	2	3	3	1	-	-	2	-
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	BID603	3	3	2	2	1	1	1	3	3	1	2	2	2	3	3	3	-	-	-	-
VI	BID604	3	2	3	3	2	2	2	3	3	3	2	3	3	-	3	3	-	-	2	-
	BID605	2	-	1	3	-	-	-	-	-	-	-	-	-	3	3	-	-	-	-	-
	BID606	3	2	3	3	1	2	2	3	3	-	3	-	-	-	3	2	-	-	-	-
	BID607	2	3	3	3	1	2	2	3	3	1	-	-	-	3	3	2	-	-	-	-
VII	BID701	3	3	3	3	2	3	1	3	2	1	-	3	3	3	3	ı	-	-	2	-
VIII	BID 801	3	3	3	3	2	2	2	3	3	1	3	2	3	3	3	3	-	-	2	-

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BID 802	-	-	-	-	1	1	-	1	-	-	-	-	3	3	2	3	3	3	-	3
BID 803	1	-	2	1	1	2	-	2	1	-	1	-	2	3	2	1	2	-	-	-
BID 804	3	1	2	2	2	1	-	2	2	1	-	2	-	-	-	1	-	-	-	-
BID 805	1	3	1	1	2	1	2	1	2	1	1	-	2	1	2	-	-	-	-	-

DEPARTMENT OF ARCHITECTURE & PLANNING

Course Handout

Course: Computer Applications – II

Course Code: BID 305, Crédits: 02, Session: 2021-22(Odd Sem.), Class: BID 2nd Year

Faculty Name: Ar. Manish Kumar Chitranshi

EE. Introduction: To Familiarize the students for developing basic understanding of software assisting in 2-D & 3-Dimensional design.

FF. Course Outcomes: At the end of the course, students will be able to:

CO1: To develop an understanding of software assisting in 3-Dimensional design.

CO2: Introduction to the use and application of Internet.

CO3: Learning software i.e., Auto Cad, Coral Draw and Adobe and Photoshop.

GG. Programme Outcomes:

- **PO1. Design Knowledge:** Incorporate a global perspective when making design decisions, based on sustainable, socio-economic, and cultural contexts.
- PO2. Problem Analysis: Apply theories of human behaviour to human-centered design solutions.
- **PO3. Design/Development of Solutions:** Apply the design process to generate creative solutions to complex problems optimizing the human experience within the interior environment. Apply theory, psychology, and methodology of color to designs of the interior environment.
- **PO4. Individual and Team Work:** Collaborate in multi-disciplinary teams respecting a variety of points of view and perspectives that enrich the process and product of the team.
- **PO5. Communication:** Communicate complex ideas clearly to specialists and non-specialists through appropriate oral, written, and representational media.
- **PO6. Life Long Learning:** Exemplify accepted standards of professionalism and business practice including a commitment to engage in lifelong learning.
- **PO7. Context and Society:** Analyze interiors, architecture, the decorative arts, and art within a historical and cultural context to inform contemporary design solutions that relate with the society for whom the design solution is to be provided.
- **PO8. Synthesis of Concepts:** Synthesize theories and concepts of spatial definition and organization into multi-dimensional design solutions.
- **PO9. Modern Technique usage:** Specify furniture, fixtures, and equipment's of finish materials to meet the design criteria for a variety of interior spaces.
- **PO10.** Environment and Sustainability: Apply principles of lighting, acoustics, thermal comfort, and

indoor air quality as required to enhance the health, safety, welfare, and performance of building occupants for overall sustainable development of the individuals.

PO11. Ethics: Comply with laws, codes, and standards that impact fire safety and life safety.

PO12. Project/Construction Management: Produce construction drawings and documents using industry standards for a variety of interior spaces. Employ environment-behaviour research methodologies to address open-ended problems in interior design.

HH. Programme Specific Outcomes:

As part of the school's charter and mission, Amity School of Architecture and Planning is providing a vibrant planning environment, ensuring its under-graduates are not only valued by the planning practice, but are also able to:

- **PSO1.** Demonstrate critical thinking as they identify, analyze, and solve interior architecture and design problems through completion of interior design studio projects. Apply creative and critical thinking to solve interior environment problems from a human-cantered approach and apply this knowledge to design solutions.
- **PSO2.** Demonstrate preparation for global design practice by incorporating cultural norms of user populations and applying that knowledge to design solutions that support globally diverse end users.
- **PSO3.** Demonstrate effective visual, verbal, and written communication.
- **PSO4.** Apply ethical and professional practices.
- **PSO5.** Demonstrate social responsibility by designing sustainable interior environments that support indoor environmental quality and improve the quality of life for occupants.
- **PSO6.** Engage in integrative professional design practice by contributing interior architecture and design expertise to collaborative design teams.

Assessment Plan:

Component of	Description	Code	Weightage				
Evaluation			%				
Continuous Internal	Mid Term	СТ	10%				
Evaluation	Seminar/Quiz/ Assignment	S//Q/A 15%					
Attendance	A minimum of 75% Attendance is required to be maintained by a studentto be qualified for taking up the End Semester examination. The allowance of 25% includes all types of leaves including medical leaves.	A	5%				
End Semester	End Semester	VV	70%				
Examination	Viva-Voce						
Total			100%				

II. Syllabus

Module I: Understanding AUTOCAD - 3D

3 - Dimensional drawings, learning to place elements in 3-D views of a redesigned space, Creating of 2D.

Module II: 3D Surfaces and Solids

3-D surface and solids. Developments of surfaces and solids, Use of these in various designing activities.

Module III: Viewports and Views

Introduction to UCS viewports, 3-D views and 3-D orbit, Internet compatibility

Module IV: Using 3-D SOFTWARES

3-D and other related software for developing exterior and interior surfaces and spaces and creating, walkthroughs using camera, light and assigning materials

Examination Scheme:

Components	Attendance	Mid-Term	Assignment	VV		
Weightage (%)	5	10	15	70		

CT: Class Test, A: Assignment, S/VV/Q: Seminar/Viva/Quiz, EE: End Semester Examination; A: Attendance

JJ. Suggested Text/Reference Books:

- A Visual Dictionary of Architecture, Francis D.K. Ching
- Creative Interiors (Design of Enclosed Space), Shashi Jain
- Computers in Interior Design, A.K. Sinha References:
- Architecture and computer, Ram Malhotra
- CAD and Interiors, B.K. Jain

KK. Lecture Plan

Lecture	Topics	Mode of	Correspon ding CO	Mode of Assessing CO
		Delivery	J 9 3 3	7.55555
1	3 - Dimensional drawings, learning to place elements in 3-D views of a redesigned space, Creating of 2D.	Lecture	CO1	Mid Term-1, Quiz & End Sem Exam
2	3 - Dimensional drawings, learning to place elements in 3-D views of a redesigned space, Creating of 2D.	Lecture	CO1	Mid Term-1, Quiz & End Sem Exam
3	3 - Dimensional drawings, learning to place elements in 3-D views of a redesigned space, Creating of 2D.	Lecture	CO1	Mid Term-1, Quiz & End Sem Exam
4	3 - Dimensional drawings, learning to place elements in 3-D views of a redesigned space, Creating of 2D.	Lecture	CO1	Mid Term-1, Quiz & End Sem Exam

	2 Binardianal duninina	1	604	NA'-LTA O '
5	3 - Dimensional drawings,	Lecture	CO1	Mid Term-1, Quiz
	learning to place elements in 3-D			& End Sem Exam
	views of a redesigned			
	space, Creating of 2D.			
6	3 - Dimensional drawings,	Lecture	CO1	Mid Term-1, Quiz
	learning to place elements in 3-D			& End Sem Exam
	views of a redesigned			
	space, Creating of 2D.			
7	3 - Dimensional drawings,	Lecture	CO2	Mid Term-1, Quiz
	learning to place elements in 3-D			& End Sem Exam
	views of a redesigned			
	space, Creating of 2D.			
8	3 - Dimensional drawings,	Lecture	CO2	Mid Term-1, Quiz
	learning to place elements in 3-D			& End Sem Exam
	views of a redesigned			a zna sem zam
	space, Creating of 2D.			
9	3 - Dimensional drawings,	Lecture	CO2	Mid Term-1, Quiz
	learning to place elements in 3-D	Lecture	CO2	& End Sem Exam
	views of a redesigned			& Ellu Selli Exalli
	_			
10	space, Creating of 2D.	11	602	NACH Tarras 4 O C
10	3 - Dimensional drawings,	Lecture	CO2	Mid Term-1, Quiz
	learning to place elements in 3-D			& End Sem Exam
	views of a redesigned			
	space, Creating of 2D.			
11	3-D surface and solids.	Lecture	CO2	Mid Term-1, Quiz
	Developments of surfaces and			& End Sem Exam
	solids, Use of these in various			
	designing activities.			
12	3-D surface and solids.	Lecture	CO2	Mid Term-1, Quiz
	Developments of surfaces and			& End Sem Exam
	solids, Use of these in various			
	designing activities.			
13	3-D surface and solids.	Lecture	CO2	Mid Term-1, Quiz
	Developments of surfaces and			& End Sem Exam
	solids, Use of these in various			a End Sem Exam
	designing activities.			
14	3-D surface and solids.	Lecture	CO2	Mid Term-1, Quiz
14	Developments of surfaces and	Lecture	CO2	& End Sem Exam
	solids, Use of these in various			& Ella Selli Exalli
1 [designing activities. 3-D surface and solids.	Locture	603	Mid Torm 1 Oui-
15		Lecture	CO2	Mid Term-1, Quiz
	Developments of surfaces and			& End Sem Exam
	solids, Use of these in various			
	designing activities.	 	000	
16	3-D surface and solids.	Lecture	CO3	Mid Term-1, Quiz
	Developments of surfaces and			& End Sem Exam
	solids, Use of these in various			
	designing activities.			
17	Introduction to UCS	Lecture	CO3	Mid Term-1, Quiz
	viewports, 3-D views and 3-			& End Sem Exam
	D orbit, Internet			

10	lates desertion to LICC	Lastina	602	Naid Tarres 1 Ordin
18	Introduction to UCS	Lecture	CO3	Mid Term-1, Quiz
	viewports, 3-D views and 3-			& End Sem Exam
	D orbit, Internet			
- 10	compatibility	<u>.</u>	000	
19	Introduction to UCS	Lecture	CO3	Mid Term-1, Quiz
	viewports, 3-D views and 3-			& End Sem Exam
	D orbit, Internet			
	compatibility			
20	Introduction to UCS	Lecture	CO3	Mid Term-1, Quiz
	viewports, 3-D views and 3-			& End Sem Exam
	D orbit, Internet			
_	compatibility			
21	Introduction to UCS	Lecture	CO3	Mid Term-2, Quiz
	viewports, 3-D views and 3-			& End Sem Exam
	D orbit, Internet			
	compatibility	1.		
22	Introduction to UCS	Lecture	CO3	Mid Term-2, Quiz
	viewports, 3-D views and 3-			& End Sem Exam
	D orbit, Internet			
	compatibility			
23	Introduction to UCS	Lecture	CO3	Mid Term-2, Quiz
	viewports, 3-D views and 3-			& End Sem Exam
	D orbit, Internet			
	compatibility			
24	3-D and other related software	Lecture	CO3	Mid Term-2, Quiz
	for developing exterior and			& End Sem Exam
	interior surfaces and			
	spaces and			
	creating, walkthroughs using			
	camera, light and assigning			
25	materials	Lastina	602	Mid Town 2 Ovic
25	3-D and other related software	Lecture	CO3	Mid Term-2, Quiz
	for developing exterior and interior surfaces and			& End Sem Exam
	spaces and creating, walkthroughs using			
	camera, light and assigning			
	materials			
26	3-D and other related software	Lecture	CO3	Mid Term-2, Quiz
20	for developing exterior and	Lecture	103	& End Sem Exam
	interior surfaces and			& End Sem Exam
	spaces and creating,			
	walkthroughs using camera,			
	light and assigning materials			
27	3-D and other related software	Lecture	CO3	Mid Term-2, Quiz
	for developing exterior and	Lecture		& End Sem Exam
	interior surfaces and			& LIIG SEIII LAAIII
	spaces and creating,			
	walkthroughs using camera,			
	light and assigning materials			
<u> </u>	וואות מווע מסטוקווווק ווומנכוומוס			

28	3-D and other related software for developing exterior and interior surfaces and spaces and creating, walkthroughs using camera, light and assigning materials	Lecture	CO3	Mid Term-2, Quiz & End Sem Exam
29	3-D and other related software for developing exterior and interior surfaces and spaces and creating, walkthroughs using camera, light and assigning materials	Lecture	CO3	Mid Term-2, Quiz & End Sem Exam
30	3-D and other related software for developing exterior and interior surfaces and spaces and creating, walkthroughs using camera, light and assigning materials	Lecture	CO3	Mid Term-2, Quiz & End Sem Exam

LL. Course Articulation Matrix (Mapping of COs with POs)

СО	STATEMENT	P O 1	P O 2	P O 3		P O 5		P O 1	PROG SPEC	GRAM	ME OUTCO PS O3		PS 05					
											0	1	2					
	To develop an understanding of software assisting in 3-Dimensional design.	-	1	3	3	1	2	-	-	1	-	-	-	-	-	1	-	-
CO 02	Introduction to the use and application of Internet.																	
CO 03	Learning software i.e., Auto Cad, Coral Draw and Adobe and Photoshop.																	

Sample Question Paper

Amity School of Architecture & Planning I MID-SEMESTER (SEM –III) 2021-22

Class: B.Tech.(CSE) III Semester

Subject Name: BID 305 Time: 2 Hrs Max. Marks: 10

Computer Applications – II

Levels of the questions as per Blooms Taxonomy	Remembering	Understanding	Applying	Analyzing	Evaluating	Creating
Question Mapping	Q.1,4	Q.2,3	Q.4	Q.2,5,6		

Student will be able to

CO1: List the broad perceptive of cloud architecture and model.

CO2: Apply different cloud programming models as per need.

CO Map	Question No.	Question	Marks
CO1	Q.1	Explain in brief the cloud computing concept.	3
CO1	Q.2a	What are the essential characteristics of cloud computing?	3
	Q.2b	How is cloud computing requirements and cloud servicerequirement services related to each other?	3
CO2	Q.3	Sketch NIST Cloud Computing Reference Architecture and depictits elements	6
CO2	Q.4	Explain the significance of Cloud Reference Model	3
CO3	Q.5a	Elaborate different cloud types with example.	3
CO3	Q.5b	Write characteristics of private cloud.	3
CO3	Q 6	How virtualization is applied in cloud computing scenario?	6

Attainments		Rubric
Level	1	IF 60% of students secure more than 60% marks then level 1
Level	2	IF 70% of students secure more than 60% marks then level 2
Level	3	IF 80% of students secure more than 60% marks then level 3

Course outcome: Based on internal and external assessment the level of Course outcome attainment of the course BID/Course code BID 305 is level 2 for the academic year 2021-2022.



AMITY UNIVERSITY MADHYA PRADESH, GWALIOR AMITY SCHOOL OF ARCHITECTURE AND PLANNING DEPARTMENT OF ARCHITECTURE AND PLANNING

PROGRAMME OUTCOMES AND PROGRAMME SPECIFIC OUTCOMES Bachelor of Interior Design (BID), Academic Year – 2021-22

Program Outcomes:

- **PO1. Design Knowledge:** Incorporate a global perspective when making design decisions, based on sustainable, socio-economic, and cultural contexts.
- PO2. Problem Analysis: Apply theories of human behaviour to human-centered design solutions.
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Program Specific Outcome:

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PSO2. Demonstrate preparation for global design practice by incorporating cultural norms of user populations and applying that knowledge to design solutions that support globally diverse end users.

PSO3. Demonstrate effective visual, verbal, and written communication.

PSO4. Apply ethical and professional practices.

PSO5. Demonstrate social responsibility by designing sustainable interior environments that support indoor environmental quality and improve the quality of life for occupants.

PSO6. Engage in integrative professional design practice by contributing interior architecture and design expertise to collaborative design teams.

Note: - Correlation levels 1, 2 and 3 as defined below:

1: Slight (Low), 2: Moderate (Medium) and 3: Substantial (High)

If there is no correlation, put "-"

						P	ROG	RAN	1ME	ARTI	CULA	TIOI	N MA	ATRIX	(
SEM	SUBJECT CODE	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12	PO 13	PO 14	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5	PSO 6
	BID101	3	3	3	3	2	1	2	3	3	1	1	3	3	1	3	3	-	-	2	-
	BID102	2	2	3	2	2	1	-		1	2	2	2	-	1	1	3	-	-	-	-
	BID103	2	2	1	-	3	1	2	3	3	2	1	1	2	2	3	3	1	-	-	-
- 1	BID104	1	1	1	2	-	-	-	2	-	-	-	2	-	-	1	1	-	-	-	-
	BID105	3	2	3	2	1	1	2	3	1	2	-	3	-	1	3	3	-	-	2	-
	BID106	-	1	-	-	-	-	3	2	-	-	-	-	-	1	1	1	-	-	-	-
	BID107	3	2	3	3	1	1	3	-	3	3	-	3	2	3	3	3	3	-	-	-
	BID201	3	2	3	3	2	2	2	3	3	1	1	3	3	1	3	3	-	-	2	-
	BID202	3	-	3	2	2	2	-	1	1	1	3	3	2	1	1	2	-	-	-	-
	BID203	2	2	1	1	3	2	2	3	3	2	1	2	2	1	3	3	1	-	2	-
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	BID205	1	-	3	3	1	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-
	BID206	1	1	-	-	-	-	3	3	3	-	-	-	-	-	1	3	-	-	-	-
	BID207	3	-	1	3	1	1	-	1	3	3	3	3	3	3	3	3	3	-	-	-
	BID301	3	3	3	3	2	2	2	3	3	1	1	2	3	1	3	3	-	-	2	-
	BID302	2	-	3	2	2	2	-	1	1	1	2	2	2	1	1	1	-	-	-	-
	BID303	2	2	2	2	-	3	2	-	1	-	-	-	2	-	1	1	-	-	-	-
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	BID305	1	-	3	3	1	2	-	-	-	-	-	-	-	-	1	-	-	-	-	-
	BID306	1	1	-	-	2	-	3	3	3	-	-	-	-	-	-	-	-	-	-	-
	BID307	1	3	1	-	3	-	-	3	3	-	-	-	-	3	-	-	-	-	2	-
	BID401	3	3	3	3	2	2	2	3	3	2	1	2	3	1	3	3	-	-	2	-
	BID402	2	1	3	2	2	2	-	1	-	2	1	2	3	1	1	1	-	-	2	-
	BID403	2	2	2	3	1	2	1	1	-	-	-	-	2	-	3	1	-	-	2	-
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	BID405	3	1	1	1	1	1	-	3	3	3	2	2	1	1	3	3	-	-	-	-
	BID406	3	3	3	3	3	2	3	2	3	3	2	3	-	-	1	3	-	-	2	-
	BID407	3	2	3	3	2	2	2	2	3	3	-	-	-	1	1	3	-	-	-	-
	BID501	3	3	3	3	2	2	2	3	3	3	1	2	3	1	3	1	-	-	2	-
	BID502	2	1	3	2	2	2	1	1	-	1	1	2	3	1	1	1	-	-	-	-
V	BID503	2	1	2	3	-	3	1	1	-	-	3	-	2	3	3	1	-	-	2	-
V	BID504	2	1	1	3	-	3	-	-	-	-	3	-	2	3	3	1	-	-	2	-
	BID505	1	1	-	-	1	-	3	3	3	-	-	1	-	3	1	1	3	-	-	-
	BID506	3	3	3	3	2	2	3	3	2	3	3	3	3	1	3	3	-	-	2	-
	BID601	3	3	3	3	2	2	2	3	3	3	3	1	3	1	3	3	-	-	2	-
	BID602	1	-	3	3	2	2	2	3	3	-	2	1	-	-	3	3	3	-	-	-
	BID603	3	3	2	2	1	1	1	3	3	1	2	2	2	3	3	3	-	-	-	-
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BID 804	3	1	2	2	2	1	-	2	2	1	-	2	-	-	-	1	-	-	-	-
BID 805	1	3	1	1	2	1	2	1	2	1	1	-	2	1	2	-	-	-	-	-

DEPARTMENT OF ARCHITECTURE & PLANNING

Course Handout

Course: History of Interior Design – III

Course Code: BID 306, Crédits: 03, Session: 2021-22(Odd Sem.), Class: BID 2nd Year

Faculty Name: Ar. Manish Kumar Chitranshi

MM. Introduction: The past trends of interior design development over the periods. Learn the development methods and forces to get a clear view of changing design and ideas.

NN. Course Outcomes: At the end of the course, students will be able to:

CO1: The past trends of interior design development over the periods

CO2: Learn the development methods and forces to get a clear view of changing design and ideas.

CO3: The past trends of interior design development over the periods Learn the development methods and forces to get a clear view of changing design and ideas.

OO. Programme Outcomes:

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PP. Programme Specific Outcomes:

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- **PSO1.** Demonstrate critical thinking as they identify, analyze, and solve interior architecture and design problems through completion of interior design studio projects. Apply creative and critical thinking to solve interior environment problems from a human-cantered approach and apply this knowledge to design solutions.
- **PSO2.** Demonstrate preparation for global design practice by incorporating cultural norms of user populations and applying that knowledge to design solutions that support globally diverse end users.
- **PSO3.** Demonstrate effective visual, verbal, and written communication.
- **PSO4.** Apply ethical and professional practices.
- **PSO5.** Demonstrate social responsibility by designing sustainable interior environments that support indoor environmental quality and improve the quality of life for occupants.
- **PSO6.** Engage in integrative professional design practice by contributing interior architecture and design expertise to collaborative design teams.

Assessment Plan:

Component of	Description	Code	Weightage
Evaluation			%
Continuous Internal	Mid Term	СТ	10%
Evaluation	Seminar/Quiz/ Viva- Voce/Assignment	S/VV/Q/A	15%
Attendance	A minimum of 75% Attendance is required to be maintained by a studentto be qualified for taking up the End Semester examination. The allowance of 25% includes all types of leaves including medical leaves.	A	5%
End Semester	End Semester	EE	70%
Examination	Examination		
Total			100%

QQ. Syllabus

Module I: INDUSTRIAL REVOLUTION

The impact of industrial revolution, Regency, Revival, Federal style, Colonial style

Module II: THE VICTORIAN ERA

Mansions, middle class houses, Aesthetic movements, Art and craft movements, Eclecticism

Module III: EMERGENCE OF MODERNISM

Art nouveau, Art deco De stijl, Impressionism, Expressionisms, various other ism

Module IV: THE INTERNATIONAL STYLE AND POST MODERNISM

Works of Fl wright, Le Corbusier, Alvar Alto, Antonio Gaudi ,Meis Vander Rhoe and post modern interior designs

Module IV: CONTEMPRORY DESIGN ON A NEW PLAYFEILD

Bio morphism ,High tech ,Functional deconstructivism ,Color craftmanship

Examination Scheme:

Components	Attendance	Mid-Term	Assignment	EE
Weightage (%)	5	10	15	70

CT: Class Test, A: Assignment, S/VV/Q: Seminar/Viva/Quiz, EE: End Semester Examination; A: Attendance

RR. Suggested Text/Reference Books:

- The History of Arch. in India, Chrictophes Tadgell
- Interior design & space planning, Dechiara Pabero Zelnik
- Interior design illustrated, Francis D.K. Ching

References:

- Islamic Architecture in Interior, Satish Grover
- The Best Interior India, Anuradha Mahindra
- Indian Interior, Angelika Taschen

SS. Lecture Plan

Lecture	Topics	Mode	Correspon	Mode of
		of	ding CO	Assessing CO
		Delivery		
1.	The impact of industrial	Lecture	CO1	Mid Term-1, Quiz
	revolution, Regency, Revival,			& End Sem Exam
	Federal style ,Colonial style			
2.	The impact of industrial	Lecture	CO1	Mid Term-1, Quiz
	revolution, Regency, Revival,			& End Sem Exam
	Federal style ,Colonial style			
3.	The impact of industrial	Lecture	CO1	Mid Term-1, Quiz
	revolution, Regency, Revival,			& End Sem Exam
	Federal style ,Colonial style			
4.	The impact of industrial	Lecture	CO1	Mid Term-1, Quiz
	revolution, Regency, Revival,			& End Sem Exam
	Federal style ,Colonial style			
5.	The impact of industrial	Lecture	CO1	Mid Term-1, Quiz
	revolution, Regency, Revival,			& End Sem Exam
	Federal style ,Colonial style			
6.	The impact of industrial	Lecture	CO1	Mid Term-1, Quiz
	revolution, Regency, Revival,			& End Sem Exam

	Federal style ,Colonial style			
7.	The impact of industrial	Lecture	CO1	Mid Term-1, Quiz
	revolution, Regency, Revival,			& End Sem Exam
	Federal style ,Colonial style			
8.	The impact of industrial	Lecture	CO1	Mid Term-1, Quiz
	revolution, Regency, Revival,			& End Sem Exam
	Federal style ,Colonial style			
9.	Mansions, middle class houses,	Lecture	CO1	Mid Term-1, Quiz
	Aesthetic movements ,Art and			& End Sem Exam
	craft movements,Eclecticism			
10.	Mansions, middle class	Lecture	CO1	Mid Term-1, Quiz
	houses, Aesthetic			& End Sem Exam
	movements ,Art and craft			
11.	movements, Eclecticism	Locturo	CO1	Mid Torm 1 Quit
11.	Mansions, middle class houses, Aesthetic	Lecture	(01	Mid Term-1, Quiz & End Sem Exam
	movements ,Art and craft			& End Sem Exam
	movements, Eclecticism			
12.	Mansions, middle class	Lecture	CO1	Mid Term-1, Quiz
12.	houses, Aesthetic	Lecture	CO1	& End Sem Exam
	movements ,Art and craft			& Elia Selli Exalli
	movements, Eclecticism			
13.	Mansions, middle class	Lecture	CO1	Mid Term-1, Quiz
	houses, Aesthetic			& End Sem Exam
	movements ,Art and craft			
	movements, Eclecticism			
14.	Mansions, middle class	Lecture	CO1	Mid Term-1, Quiz
	houses, Aesthetic			& End Sem Exam
	movements ,Art and craft			
	movements, Eclecticism			
15.	Art nouveau, Art deco De	Lecture	CO2	Mid Term-1, Quiz
	stijl, Impressionism,			& End Sem Exam
	Expressionisms, various			
	other ism			
16.	Art nouveau, Art deco De	Lecture	CO2	Mid Term-1, Quiz
	stijl, Impressionism,			& End Sem Exam
	Expressionisms, various			
	other ism			
17.	Art nouveau, Art deco De	Lecture	CO2	Mid Term-1, Quiz
	stijl, Impressionism,			& End Sem Exam
	Expressionisms, various			
	other ism			
18.	Art nouveau, Art deco De	Lecture	CO2	Mid Term-1, Quiz
	stijl, Impressionism,			& End Sem Exam
	Expressionisms, various			
	Expressionisms, various			

	other ism			
19.	Art nouveau, Art deco De	Lecture	CO2	Mid Term-1, Quiz
	stijl, Impressionism,			& End Sem Exam
	Expressionisms, various			
	other ism			
20.	Art nouveau, Art deco De	Lecture	CO2	Mid Term-1, Quiz
	stijl, Impressionism,			& End Sem Exam
	Expressionisms, various			
	other ism			
21.	Works of Fl wright, Le Corbusier,	Lecture	CO2	Mid Term-2, Quiz
	Alvar Alto, Antonio Gaudi ,Meis			& End Sem Exam
	Vander Rhoe and			
	post modern interior designs			
22.	Works of Fl wright, Le Corbusier,	Lecture	CO2	Mid Term-2, Quiz
	Alvar Alto, Antonio Gaudi ,Meis			& End Sem Exam
	Vander Rhoe and			
	post modern interior designs			
23.	Works of Fl wright, Le Corbusier,	Lecture	CO2	Mid Term-2, Quiz
	Alvar Alto, Antonio Gaudi ,Meis			& End Sem Exam
	Vander Rhoe and			
	post modern interior designs			
24.	Works of Fl wright, Le Corbusier,	Lecture	CO2	Mid Term-2, Quiz
	Alvar Alto, Antonio Gaudi ,Meis			& End Sem Exam
	Vander Rhoe and			
25	post modern interior designs	Lockers	603	Mid Torre 2 Ovi-
25.	Works of Fl wright, Le Corbusier,	Lecture	CO2	Mid Term-2, Quiz
	Alvar Alto, Antonio Gaudi ,Meis Vander Rhoe and			& End Sem Exam
	post modern interior designs			
26.	Bio morphism ,High tech	Lecture	CO2	Mid Term-2, Quiz
20.	,Functional deconstructivism	Lecture	COZ	& End Sem Exam
	,Color craftmanship			& Liid Seili Laaili
27.	Bio morphism ,High tech	Lecture	CO2	Mid Term-2, Quiz
	,Functional deconstructivism			& End Sem Exam
	,Color craftmanship			G. 2.10. GG 2.10
28.	Bio morphism ,High tech	Lecture	CO2	Mid Term-2, Quiz
	,Functional deconstructivism			& End Sem Exam
	,Color craftmanship			
29.	Bio morphism ,High tech	Lecture	CO2	Mid Term-2, Quiz
	,Functional deconstructivism			& End Sem Exam
	,Color craftmanship			
30.	Bio morphism ,High tech	Lecture	CO2	Mid Term-2, Quiz
	,Functional deconstructivism			& End Sem Exam
	,Color craftmanship			
31.	Bio morphism ,High tech	Lecture	CO2	Mid Term-2, Quiz
	,Functional deconstructivism			& End Sem Exam
	,Color craftmanship			
32.	Bio morphism ,High tech	Lecture	CO3	Mid Term-2, Quiz

	,Functional deconstructivism			& End Sem Exam
	,Color craftmanship			& Liid Seili Laaili
33.	Bio morphism ,High tech	Lecture	CO3	Mid Term-2, Quiz
33.	,Functional deconstructivism	Lecture	CO3	& End Sem Exam
	,Color craftmanship			& End Sem Exam
34.	•	Lecture	CO3	Mid Torm 2 Quiz
54.	Bio morphism ,High tech ,Functional deconstructivism	Lecture	COS	Mid Term-2, Quiz
				& End Sem Exam
25	,Color craftmanship	Lastina	602	Naid Tarres 2 Ordin
35.	Bio morphism ,High tech	Lecture	CO3	Mid Term-2, Quiz
	,Functional deconstructivism			& End Sem Exam
26	,Color craftmanship	 	602	14:17
36.	Bio morphism ,High tech	Lecture	CO3	Mid Term-2, Quiz
	,Functional deconstructivism			& End Sem Exam
	,Color craftmanship		000	1
37.	Bio morphism ,High tech	Lecture	CO3	Mid Term-2, Quiz
	,Functional deconstructivism			& End Sem Exam
	,Color craftmanship			
38.	Bio morphism ,High tech	Lecture	CO3	Mid Term-2, Quiz
	,Functional deconstructivism			& End Sem Exam
	,Color craftmanship			
39.	Bio morphism ,High tech	Lecture	CO3	Mid Term-2, Quiz
	,Functional deconstructivism			& End Sem Exam
	,Color craftmanship			
40.	Bio morphism ,High tech	Lecture	CO3	Mid Term-2, Quiz
	,Functional deconstructivism			& End Sem Exam
	,Color craftmanship			
41.	Bio morphism ,High tech	Lecture	CO3	Mid Term-2, Quiz
	,Functional deconstructivism			& End Sem Exam
	,Color craftmanship			
42.	Bio morphism ,High tech	Lecture	CO3	Mid Term-2, Quiz
	,Functional deconstructivism			& End Sem Exam
	,Color craftmanship			
43.	Bio morphism ,High tech	Lecture	CO3	Mid Term-2, Quiz
	,Functional deconstructivism			& End Sem Exam
	,Color craftmanship			
44.	Bio morphism ,High tech	Lecture	CO3	Mid Term-2, Quiz
	,Functional deconstructivism			& End Sem Exam
	,Color craftmanship			
45.	Bio morphism ,High tech	Lecture	CO3	Mid Term-2, Quiz
	,Functional deconstructivism			& End Sem Exam
	,Color craftmanship			

TT. Course Articulation Matrix (Mapping of COs with POs)

CO	STATEMENT		CORRELATION WITH PROGRAMME										CORRELATION WITH						
						OU	TCO	MES						PROGRAMME SPECIFIC OUTCOMES					
		Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	PS	PS	PS	PS	PS	
		0	0	0	0	0	0	0	0	0	0	0	0	01	02	03	04	05	

		1	2	3	4	5	6	7	8	9	1	1	1					
		Т .		3	4	٥	O	′	0	9								
											0	1	2					
CO 01	The past trends of interior design development over the periods	-	1	-	-	2	-	3	3	3	-	-	-	-	-	-	_	-
CO 02	Learn the development methods and forces to get a clear view of changing design and ideas.																	
CO 03	The past trends of interior design development over the periods Learn the development methods and forces to get a clear view of changing design and ideas.	-	1	-	-	2	-	3	3	3	-	-	-	-	-	-	-	-

Sample Question Paper

	•	School of Archited D-SEMESTER (SEN		_			
		Class: BID III Se	mester				
Subject Name: BID History of Interio		Time: 2 Hrs			Ma	x. Marks: 10)
Levels of the questions as per Blooms Taxonomy	Remembering	Understanding	Applying	Analyz	zing	Evaluating	Creating
Question Mapping	Q.1,4	Q.2,3	Q.4	Q.2,5,	6		

Student will be able to

CO1: List the broad perceptive of cloud architecture and model.

CO2: Apply different cloud programming models as per need.

CO Map	Question No.	Question	Marks
CO1	Q.1	Explain in brief the cloud computing concept.	3
CO1	Q.2a	What are the essential characteristics of cloud computing?	3

	Q.2b	How is cloud computing requirements and cloud servicerequirement services related to each other?	3
CO2	Q.3	Sketch NIST Cloud Computing Reference Architecture and depictits elements	6
CO2	Q.4	Explain the significance of Cloud Reference Model	3
CO3	Q.5a	Elaborate different cloud types with example.	3
CO3	Q.5b	Write characteristics of private cloud.	3
CO3	Q 6	How virtualization is applied in cloud computing scenario?	6

Attainments	3	Rubric
Level	1	IF 60% of students secure more than 60% marks then level 1
Level	2	IF 70% of students secure more than 60% marks then level 2
Level	3	IF 80% of students secure more than 60% marks then level 3

Course outcome: Based on internal and external assessment the level of Course outcome attainment of the course BID/Course code BID 306 is level 2 for the academic year 2021-2022.



AMITY UNIVERSITY MADHYA PRADESH, GWALIOR AMITY SCHOOL OF ARCHITECTURE AND PLANNING DEPARTMENT OF ARCHITECTURE AND PLANNING

PROGRAMME OUTCOMES AND PROGRAMME SPECIFIC OUTCOMES Bachelor of Interior Design (BID), Academic Year – 2021-22

Program Outcomes:

- **PO1. Design Knowledge:** Incorporate a global perspective when making design decisions, based on sustainable, socio-economic, and cultural contexts.
- PO2. Problem Analysis: Apply theories of human behaviour to human-centered design solutions.
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- **PO9. Modern Technique usage:** Specify furniture, fixtures, and equipment's of finish materials to meet the design criteria for a variety of interior spaces.
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- PO11. Ethics: Comply with laws, codes, and standards that impact fire safety and life safety.

PO12. Project/Construction Management: Produce construction drawings and documents using industry standards for a variety of interior spaces. Employ environment-behaviour research methodologies to address open-ended problems in interior design.

Program Specific Outcome:

As part of the school's charter and mission, Amity School of Architecture and Planning is providing a vibrant planning environment, ensuring its under-graduates are not only valued by the planning practice, but are also able to:

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PSO4. Apply ethical and professional practices.

PSO5. Demonstrate social responsibility by designing sustainable interior environments that support indoor environmental quality and improve the quality of life for occupants.

PSO6. Engage in integrative professional design practice by contributing interior architecture and design expertise to collaborative design teams.

Note: - Correlation levels 1, 2 and 3 as defined below:

1: Slight (Low), 2: Moderate (Medium) and 3: Substantial (High)

If there is no correlation, put "-"

	PROGRAMME ARTICULATION MATRIX																				
SEM	SUBJECT CODE	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12	PO 13	PO 14	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5	PSO 6
	BID101	3	3	3	3	2	1	2	3	3	1	1	3	3	1	3	3	-	-	2	-
	BID102	2	2	3	2	2	1	-		1	2	2	2	-	1	1	3	-	-	-	-
	BID103	2	2	1	-	3	1	2	3	3	2	1	1	2	2	3	3	1	-	-	-
- 1	BID104	1	1	1	2	-	-	-	2	-	-	-	2	-	-	1	1	-	-	-	-
	BID105	3	2	3	2	1	1	2	3	1	2	-	3	-	1	3	3	-	-	2	-
	BID106	-	1	-	-	-	-	3	2	-	-	-	-	-	1	1	1	-	-	-	-
	BID107	3	2	3	3	1	1	3	-	3	3	-	3	2	3	3	3	3	-	-	-
	BID201	3	2	3	3	2	2	2	3	3	1	1	3	3	1	3	3	-	-	2	-
	BID202	3	-	3	2	2	2	-	1	1	1	3	3	2	1	1	2	-	-	-	-
	BID203	2	2	1	1	3	2	2	3	3	2	1	2	2	1	3	3	1	-	2	-
П	BID204	1	3	1	-	-	-	-	1	1	-	-	2	-	1	1	1	-	-	-	-
	BID205	1	-	3	3	1	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-
	BID206	1	1	-	-	-	-	3	3	3	-	-	-	-	-	1	3	-	-	-	-
	BID207	3	-	1	3	1	1	-	1	3	3	3	3	3	3	3	3	3	-	-	-
	BID301	3	3	3	3	2	2	2	3	3	1	1	2	3	1	3	3	-	-	2	-
	BID302	2	-	3	2	2	2	-	1	1	1	2	2	2	1	1	1	-	-	-	-
	BID303	2	2	2	2	-	3	2	-	1	-	-	-	2	-	1	1	-	-	-	-
Ш	BID304	3	3	-	-	3	-	-	3	3	-	-	-	-	-	1	1	-	-	-	-
	BID305	1	-	3	3	1	2	-	-	-	-	-	-	-	-	1	-	-	-	-	-
	BID306	1	1	-	-	2	-	3	3	3	-	-	-	-	-	-	-	-	-	-	-
	BID307	1	3	1	-	3	-	-	3	3	-	-	-	-	3	-	-	-	-	2	-
	BID401	3	3	3	3	2	2	2	3	3	2	1	2	3	1	3	3	-	-	2	-
	BID402	2	1	3	2	2	2	-	1	-	2	1	2	3	1	1	1	-	-	2	-
	BID403	2	2	2	3	1	2	1	1	-	-	-	-	2	-	3	1	-	-	2	-
IV	BID404	3	-	2	3	1	2	1	1	-	1	2	2	2	-	1	1	-	-	2	-
	BID405	3	1	1	1	1	1	-	3	3	3	2	2	1	1	3	3	-	-	-	-
	BID406	3	3	3	3	3	2	3	2	3	3	2	3	-	-	1	3	-	-	2	-
	BID407	3	2	3	3	2	2	2	2	3	3	-	-	-	1	1	3	-	-	-	-
	BID501	3	3	3	3	2	2	2	3	3	3	1	2	3	1	3	1	-	-	2	-
	BID502	2	1	3	2	2	2	1	1	-	1	1	2	3	1	1	1	-	-	-	-
V	BID503	2	1	2	3	-	3	1	1	-	-	3	-	2	3	3	1	-	-	2	-
V	BID504	2	1	1	3	-	3	-	-	-	-	3	-	2	3	3	1	-	-	2	-
	BID505	1	1	-	-	1	-	3	3	3	-	-	1	-	3	1	1	3	-	-	-
	BID506	3	3	3	3	2	2	3	3	2	3	3	3	3	1	3	3	-	-	2	-
	BID601	3	3	3	3	2	2	2	3	3	3	3	1	3	1	3	3	-	-	2	-
	BID602	1	-	3	3	2	2	2	3	3	-	2	1	-	-	3	3	3	-	-	-
	BID603	3	3	2	2	1	1	1	3	3	1	2	2	2	3	3	3	-	-	-	-
VI	BID604	3	2	3	3	2	2	2	3	3	3	2	3	3	-	3	3	-	-	2	-
	BID605	2	-	1	3	-	-	-	-	-	-	-	-	-	3	3	-	-	-	-	-
	BID606	3	2	3	3	1	2	2	3	3	-	3	-	-	-	3	2	-	-	-	-
	BID607	2	3	3	3	1	2	2	3	3	1	-	-	-	3	3	2	-	-	-	-
VII	BID701	3	3	3	3	2	3	1	3	2	1	-	3	3	3	3	ı	-	-	2	-
VIII	BID 801	3	3	3	3	2	2	2	3	3	1	3	2	3	3	3	3	-	-	2	-

			i						i											
BID 802	-	-	-	-	1	1	-	1	-	-	-	-	3	3	2	3	3	3	-	3
BID 803	1	-	2	1	1	2	-	2	1	-	1	-	2	3	2	1	2	-	-	-
BID 804	3	1	2	2	2	1	-	2	2	1	-	2	-	-	-	1	-	-	-	-
BID 805	1	3	1	1	2	1	2	1	2	1	1	-	2	1	2	-	-	-	-	-

DEPARTMENT OF ARCHITECTURE & PLANNING

Course Handout

Course: PSYCOLOGY OF LIVING ENVIRONMENTS

Course Code: BID 307, Crédits: 03, Session: 2021-22(Odd Sem.), Class: BID 2nd Year

Faculty Name: Ar. Manish Kumar Chitranshi

UU. Introduction: The student will learn to interpret the link between architectural study and psychology. Human beings are in constant interaction with the environment .With the growth of civilization men are making more artificial environments and interior designer play a significant role in this process .

VV.Course Outcomes: At the end of the course, students will be able to:

CO1: Role of interior designer in the in the interaction of environment and psychology and acquaint the students with some fundamental aspects of environmental psychology in relation to interior designing.

CO2: The objective of this course is designed to accquint the students with some fundamental aspects of environmental psychology in relation to interior designing.

WW. Programme Outcomes:

- **PO1. Design Knowledge:** Incorporate a global perspective when making design decisions, based on sustainable, socio-economic, and cultural contexts.
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- **PSO4.** Apply ethical and professional practices.

PSO5. Demonstrate social responsibility by designing sustainable interior environments that support indoor environmental quality and improve the quality of life for occupants.

PSO6. Engage in integrative professional design practice by contributing interior architecture and design expertise to collaborative design teams.

Assessment Plan:

Component	Description	Code	Weightage
of			%
Evaluation			70
Continuous Internal	Mid Term	СТ	10%
Evaluation	Seminar/Quiz/ Viva- Voce/Assignment	S/VV/Q/A	15%
Attendance	A minimum of 75% Attendance is required to be maintained by a studentto be qualified for taking up the End Semester examination. The allowance of 25% includes all types of leaves including medical leaves.	A	5%
End Semester Examination	End Semester Examination	EE	70%
Total			100%

YY. Syllabus

Module I: INTRODUCTION TO ENVIRONMENTAL PSYCOLOGY

Emergence as a discipline, importance in interior, basic principles of psychology, correspondence relevance in design of built environment.

Module II: ENVIRONMENT AND HUMAN RESPONSE

Behavioural response to built and unbuilt environment, Responses to environment, environmental perception, spatial cognition, comfort, anthropometrics.

Module III: APPLICATION IN DIFFERENT ENVIRONMENTS

Deign of spaces for occupants of various ages, gender, uses. (educational ,city spaces ,interiors, religious ,recreational etc)

Examination Scheme:

Components	Attendance	Mid-Term	Assignment	EE
Weightage (%)	5	10	15	70

CT: Class Test, A: Assignment, S/VV/Q: Seminar/Viva/Quiz, EE: End Semester Examination; A: Attendance

ZZ. Suggested Text/Reference Books:

Kopec D ENVIRONMENTAL PSYCOLOGY FOR DESIGN Amos Rapaport - the meaning of built environment

AAA. Lecture Plan

Lecture	Topics	Mode of Delivery	Correspon ding CO	Mode of Assessing CO
46.	Emergence as a discipline ,importance in interior , basic principles of psychology , correspondence relevance in design of built environment .	Lecture	CO1	Mid Term-1, Quiz & End Sem Exam
47.	Emergence as a discipline ,importance in interior , basic principles of psychology , correspondence relevance in design of built environment .	Lecture	CO1	Mid Term-1, Quiz & End Sem Exam
48.	Emergence as a discipline ,importance in interior , basic principles of psychology , correspondence relevance in design of built environment .	Lecture	CO1	Mid Term-1, Quiz & End Sem Exam
49.	Emergence as a discipline ,importance in interior , basic principles of psychology , correspondence relevance in design of built environment .	Lecture	CO1	Mid Term-1, Quiz & End Sem Exam
50.	Emergence as a discipline ,importance in interior , basic principles of psychology , correspondence relevance in design of built environment .	Lecture	CO1	Mid Term-1, Quiz & End Sem Exam
51.	Emergence as a discipline ,importance in interior , basic principles of psychology	Lecture	CO1	Mid Term-1, Quiz & End Sem Exam
52.	, correspondence relevance in design of built environment .	Lecture	CO1	Mid Term-1, Quiz & End Sem Exam
53.	Emergence as a discipline ,importance in interior , basic principles of psychology	Lecture	CO1	Mid Term-1, Quiz & End Sem Exam
54.	, correspondence relevance in design of built environment .	Lecture	CO1	Mid Term-1, Quiz & End Sem Exam
55.	Emergence as a discipline ,importance in interior , basic principles of psychology	Lecture	CO1	Mid Term-1, Quiz & End Sem Exam
56.	, correspondence relevance in design of built environment .	Lecture	CO1	Mid Term-1, Quiz & End Sem Exam
57.	Emergence as a discipline	Lecture	CO1	Mid Term-1, Quiz

	,importance in interior , basic principles of psychology			& End Sem Exam
58.	Emergence as a discipline ,importance in interior , basic principles of psychology	Lecture	CO1	Mid Term-1, Quiz & End Sem Exam
59.	, correspondence relevance in design of built environment .	Lecture	CO1	Mid Term-1, Quiz & End Sem Exam
60.	Emergence as a discipline ,importance in interior , basic principles of psychology	Lecture	CO2	Mid Term-1, Quiz & End Sem Exam
61.	Behavioural response to built and unbuilt environment ,Responses to environment , environmental perception ,spatial cognition ,comfort ,anthropometrics .	Lecture	CO2	Mid Term-1, Quiz & End Sem Exam
62.	Behavioural response to built and unbuilt environment ,Responses to	Lecture	CO2	Mid Term-1, Quiz & End Sem Exam
63.	environment, environmental perception, spatial cognition, comfort, anthropometrics.	Lecture	CO2	Mid Term-1, Quiz & End Sem Exam
64.	Behavioural response to built and unbuilt environment ,Responses to	Lecture	CO2	Mid Term-1, Quiz & End Sem Exam
65.	environment, environmental perception, spatial cognition, comfort, anthropometrics.	Lecture	CO2	Mid Term-1, Quiz & End Sem Exam
66.	Behavioural response to built and unbuilt environment ,Responses to	Lecture	CO2	Mid Term-2, Quiz & End Sem Exam
67.	environment, environmental perception, spatial cognition, comfort, anthropometrics.	Lecture	CO2	Mid Term-2, Quiz & End Sem Exam
68.	Behavioural response to built and unbuilt environment ,Responses to	Lecture	CO2	Mid Term-2, Quiz & End Sem Exam
69.	environment, environmental perception, spatial cognition, comfort, anthropometrics.	Lecture	CO2	Mid Term-2, Quiz & End Sem Exam
70.	Behavioural response to built and unbuilt environment ,Responses to	Lecture	CO2	Mid Term-2, Quiz & End Sem Exam
71.	environment, environmental perception, spatial cognition, comfort, anthropometrics.	Lecture	CO2	Mid Term-2, Quiz & End Sem Exam
72.	Behavioural response to built and unbuilt environment ,Responses to	Lecture	CO2	Mid Term-2, Quiz & End Sem Exam
73.	environment, environmental perception, spatial cognition	Lecture	CO2	Mid Term-2, Quiz

	,comfort ,anthropometrics .			& End Sem Exam
74.	Behavioural response to built and unbuilt environment ,Responses to	Lecture	CO2	Mid Term-2, Quiz & End Sem Exam
75.	environment, environmental perception, spatial cognition, comfort, anthropometrics.	Lecture	CO2	Mid Term-2, Quiz & End Sem Exam
76.	Deign of spaces for occupants of various ages ,gender,uses .(educational ,city spaces ,interiors ,religious , recreational etc)	Lecture	CO2	Mid Term-2, Quiz & End Sem Exam
77.	Deign of spaces for occupants of various ages ,gender,uses .(educational ,city spaces ,interiors ,religious , recreational etc)	Lecture	CO3	Mid Term-2, Quiz & End Sem Exam
78.	Deign of spaces for occupants of various ages ,gender,uses .(educational ,city spaces ,interiors ,religious , recreational etc)	Lecture	CO3	Mid Term-2, Quiz & End Sem Exam
79.	Deign of spaces for occupants of various ages ,gender,uses .(educational ,city spaces ,interiors ,religious , recreational etc)	Lecture	CO3	Mid Term-2, Quiz & End Sem Exam
80.	Deign of spaces for occupants of various ages ,gender,uses .(educational ,city spaces ,interiors ,religious , recreational etc)	Lecture	CO3	Mid Term-2, Quiz & End Sem Exam
81.	Deign of spaces for occupants of various ages ,gender,uses .(educational ,city spaces ,interiors ,religious , recreational etc)	Lecture	CO3	Mid Term-2, Quiz & End Sem Exam
82.	Deign of spaces for occupants of various ages ,gender,uses .(educational ,city spaces ,interiors ,religious , recreational etc)	Lecture	CO3	Mid Term-2, Quiz & End Sem Exam
83.	Deign of spaces for occupants of various ages ,gender,uses .(educational ,city spaces ,interiors ,religious , recreational etc)	Lecture	CO3	Mid Term-2, Quiz & End Sem Exam
84.	Deign of spaces for occupants of various ages ,gender,uses .(educational ,city spaces	Lecture	CO3	Mid Term-2, Quiz & End Sem Exam

	,interiors ,religious , recreational etc)			
85.	Deign of spaces for occupants of various ages ,gender,uses .(educational ,city spaces ,interiors ,religious , recreational etc)	Lecture	CO3	Mid Term-2, Quiz & End Sem Exam
86.	Deign of spaces for occupants of various ages ,gender,uses .(educational ,city spaces ,interiors ,religious , recreational etc)	Lecture	CO3	Mid Term-2, Quiz & End Sem Exam
87.	Deign of spaces for occupants of various ages ,gender,uses .(educational ,city spaces ,interiors ,religious , recreational etc)	Lecture	CO3	Mid Term-2, Quiz & End Sem Exam
88.	Deign of spaces for occupants of various ages ,gender,uses .(educational ,city spaces ,interiors ,religious , recreational etc)	Lecture	CO3	Mid Term-2, Quiz & End Sem Exam
89.	Deign of spaces for occupants of various ages ,gender,uses .(educational ,city spaces ,interiors ,religious , recreational etc)	Lecture	CO3	Mid Term-2, Quiz & End Sem Exam
90.	Deign of spaces for occupants of various ages ,gender,uses .(educational ,city spaces ,interiors ,religious , recreational etc)	Lecture	CO3	Mid Term-2, Quiz & End Sem Exam

BBB. Course Articulation Matrix (Mapping of COs with POs)

СО	STATEMENT		CORRELATION WITH PROGRAMME OUTCOMES										CORRELATION WITH PROGRAMME SPECIFIC OUTCOMES					
		P O 1							0 1	PS O1	PS O2	PS O3	PS 04	PS 05				
CO 01	Role of interior designer in the in the interaction of environment and psychology and	1	3	1	-	3	-	-	3	3	-	-	-	-	3	-	-	-

	acquaint the students with some fundamental aspects of environmental psychology in relation to interior designing.																	
CO 02	The objective of this course is designed to accquint the students with some fundamental aspects of environmental psychology in relation to interior designing.	1	3	1	-	3	-	-	3	3	-	-	-	-	3	-	-	-

Sample Question Paper

Amity School of Architecture & Planning I MID-SEMESTER (SEM –III) 2021-22									
Class: BID III Semester									
Subject Name: BID	307	Time: 2 Hrs			Ma	x. Marks: 10)		
Psycology Of Livi Environments	ng								
Levels of the questions as per Blooms Taxonomy	Remembering	Understanding	Applying	Analyz	zing	Evaluating	Creating		
Question Q.1,4 Q.2,3 Q.4 Q.2,5,6 Mapping									

Student will be able to

CO1: List the broad perceptive of cloud architecture and model.

CO2: Apply different cloud programming models as per need.

CO Map	Question No.	Question	Marks
CO1	Q.1	Explain in brief the cloud computing concept.	3
CO1	Q.2a	What are the essential characteristics of cloud computing?	3
	Q.2b	How is cloud computing requirements and cloud servicerequirement services related to	3

		each other?	
CO2	Q.3	Sketch NIST Cloud Computing Reference Architecture and depictits elements	6
CO2	Q.4	Explain the significance of Cloud Reference Model	3
CO3	Q.5a	Elaborate different cloud types with example.	3
COS	Q.5b	Write characteristics of private cloud.	3
CO3	Q6	How virtualization is applied in cloud computing scenario?	6

Attainment	S	Rubric					
Level	1	IF 60% of students secure more than 60% marks then level 1					
Level	2	IF 70% of students secure more than 60% marks then level 2					
Level	3	IF 80% of students secure more than 60% marks then level 3					

Course outcome: Based on internal and external assessment the level of Course outcome attainment of the course BID/Course code BID 307 is level 2 for the academic year 2021-2022.



AMITY UNIVERSITY MADHYA PRADESH, GWALIOR AMITY SCHOOL OF ARCHITECTURE AND PLANNING DEPARTMENT OF ARCHITECTURE AND PLANNING

PROGRAMME OUTCOMES AND PROGRAMME SPECIFIC OUTCOMES Bachelor of Interior Design (BID), Academic Year – 2021-22

Program Outcomes:

- **PO1. Design Knowledge:** Incorporate a global perspective when making design decisions, based on sustainable, socio-economic, and cultural contexts.
- PO2. Problem Analysis: Apply theories of human behaviour to human-centered design solutions.
- **PO3.** Design/Development of Solutions: Apply the design process to generate creative solutions to complex problems optimizing the human experience within the interior environment. Apply theory, psychology, and methodology of color to designs of the interior environment.
- **PO4. Individual and Team Work:** Collaborate in multi-disciplinary teams respecting a variety of points of view and perspectives that enrich the process and product of the team.
- **PO5. Communication:** Communicate complex ideas clearly to specialists and non-specialists through appropriate oral, written, and representational media.
- **PO6. Life Long Learning:** Exemplify accepted standards of professionalism and business practice including a commitment to engage in lifelong learning.
- **PO7. Context and Society:** Analyze interiors, architecture, the decorative arts, and art within a historical and cultural context to inform contemporary design solutions that relate with the society for whom the design solution is to be provided.
- **PO8. Synthesis of Concepts:** Synthesize theories and concepts of spatial definition and organization into multi-dimensional design solutions.
- **PO9. Modern Technique usage:** Specify furniture, fixtures, and equipment's of finish materials to meet the design criteria for a variety of interior spaces.
- **PO10.** Environment and Sustainability: Apply principles of lighting, acoustics, thermal comfort, and indoor air quality as required to enhance the health, safety, welfare, and performance of building occupants for overall sustainable development of the individuals.
- PO11. Ethics: Comply with laws, codes, and standards that impact fire safety and life safety.

PO12. Project/Construction Management: Produce construction drawings and documents using industry standards for a variety of interior spaces. Employ environment-behaviour research methodologies to address open-ended problems in interior design.

Program Specific Outcome:

As part of the school's charter and mission, Amity School of Architecture and Planning is providing a vibrant planning environment, ensuring its under-graduates are not only valued by the planning practice, but are also able to:

PSO1. Demonstrate critical thinking as they identify, analyze, and solve interior architecture and design problems through completion of interior design studio projects. Apply creative and critical thinking to solve interior environment problems from a human-cantered approach and apply this knowledge to design solutions.

PSO2. Demonstrate preparation for global design practice by incorporating cultural norms of user populations and applying that knowledge to design solutions that support globally diverse end users.

PSO3. Demonstrate effective visual, verbal, and written communication.

PSO4. Apply ethical and professional practices.

PSO5. Demonstrate social responsibility by designing sustainable interior environments that support indoor environmental quality and improve the quality of life for occupants.

PSO6. Engage in integrative professional design practice by contributing interior architecture and design expertise to collaborative design teams.

Note: - Correlation levels 1, 2 and 3 as defined below:

1: Slight (Low), 2: Moderate (Medium) and 3: Substantial (High)

If there is no correlation, put "-"

						P	ROG	RAN	1ME	ARTI	CULA	TIOI	N MA	ATRIX	(
SEM	SUBJECT CODE	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12	PO 13	PO 14	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5	PSO 6
	BID101	3	3	3	3	2	1	2	3	3	1	1	3	3	1	3	3	-	-	2	-
	BID102	2	2	3	2	2	1	-		1	2	2	2	-	1	1	3	-	-	-	-
	BID103	2	2	1	-	3	1	2	3	3	2	1	1	2	2	3	3	1	-	-	-
- 1	BID104	1	1	1	2	-	-	-	2	-	-	-	2	-	-	1	1	-	-	-	-
	BID105	3	2	3	2	1	1	2	3	1	2	-	3	-	1	3	3	-	-	2	-
	BID106	-	1	-	-	-	-	3	2	-	-	-	-	-	1	1	1	-	-	-	-
	BID107	3	2	3	3	1	1	3	-	3	3	-	3	2	3	3	3	3	-	-	-
	BID201	3	2	3	3	2	2	2	3	3	1	1	3	3	1	3	3	-	-	2	-
	BID202	3	-	3	2	2	2	-	1	1	1	3	3	2	1	1	2	-	-	-	-
	BID203	2	2	1	1	3	2	2	3	3	2	1	2	2	1	3	3	1	-	2	-
П	BID204	1	3	1	-	-	-	-	1	1	-	-	2	-	1	1	1	-	-	-	-
	BID205	1	-	3	3	1	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-
	BID206	1	1	-	-	-	-	3	3	3	-	-	-	-	-	1	3	-	-	-	-
	BID207	3	-	1	3	1	1	-	1	3	3	3	3	3	3	3	3	3	-	-	-
	BID301	3	3	3	3	2	2	2	3	3	1	1	2	3	1	3	3	-	-	2	-
	BID302	2	-	3	2	2	2	-	1	1	1	2	2	2	1	1	1	-	-	-	-
	BID303	2	2	2	2	-	3	2	-	1	-	-	-	2	-	1	1	-	-	-	-
Ш	BID304	3	3	-	-	3	-	-	3	3	-	-	-	-	-	1	1	-	-	-	-
	BID305	1	-	3	3	1	2	-	-	-	-	-	-	-	-	1	-	-	-	-	-
	BID306	1	1	-	-	2	-	3	3	3	-	-	-	-	-	-	-	-	-	-	-
	BID307	1	3	1	-	3	-	-	3	3	-	-	-	-	3	-	-	-	-	2	-
	BID401	3	3	3	3	2	2	2	3	3	2	1	2	3	1	3	3	-	-	2	-
	BID402	2	1	3	2	2	2	-	1	-	2	1	2	3	1	1	1	-	-	2	-
	BID403	2	2	2	3	1	2	1	1	-	-	-	-	2	-	3	1	-	-	2	-
IV	BID404	3	-	2	3	1	2	1	1	-	1	2	2	2	-	1	1	-	-	2	-
	BID405	3	1	1	1	1	1	-	3	3	3	2	2	1	1	3	3	-	-	-	-
	BID406	3	3	3	3	3	2	3	2	3	3	2	3	-	-	1	3	-	-	2	-
	BID407	3	2	3	3	2	2	2	2	3	3	-	-	-	1	1	3	-	-	-	-
	BID501	3	3	3	3	2	2	2	3	3	3	1	2	3	1	3	1	-	-	2	-
	BID502	2	1	3	2	2	2	1	1	-	1	1	2	3	1	1	1	-	-	-	-
V	BID503	2	1	2	3	-	3	1	1	-	-	3	-	2	3	3	1	-	-	2	-
V	BID504	2	1	1	3	-	3	-	-	-	-	3	-	2	3	3	1	-	-	2	-
	BID505	1	1	-	-	1	-	3	3	3	-	-	1	-	3	1	1	3	-	-	-
	BID506	3	3	3	3	2	2	3	3	2	3	3	3	3	1	3	3	-	-	2	-
	BID601	3	3	3	3	2	2	2	3	3	3	3	1	3	1	3	3	-	-	2	-
	BID602	1	-	3	3	2	2	2	3	3	-	2	1	-	-	3	3	3	-	-	-
	BID603	3	3	2	2	1	1	1	3	3	1	2	2	2	3	3	3	-	-	-	-
VI	BID604	3	2	3	3	2	2	2	3	3	3	2	3	3	-	3	3	-	-	2	-
	BID605	2	-	1	3	-	-	-	-	-	-	-	-	-	3	3	-	-	-	-	-
	BID606	3	2	3	3	1	2	2	3	3	-	3	-	-	-	3	2	-	-	-	-
	BID607	2	3	3	3	1	2	2	3	3	1	-	-	-	3	3	2	-	-	-	-
VII	BID701	3	3	3	3	2	3	1	3	2	1	-	3	3	3	3	ı	-	-	2	-
VIII	BID 801	3	3	3	3	2	2	2	3	3	1	3	2	3	3	3	3	-	-	2	-

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BID 802	-	-	-	-	1	1	-	1	-	-	-	-	3	3	2	3	3	3	-	3
BID 803	1	-	2	1	1	2	-	2	1	-	1	-	2	3	2	1	2	-	-	-
BID 804	3	1	2	2	2	1	-	2	2	1	-	2	-	-	-	1	-	-	-	-
BID 805	1	3	1	1	2	1	2	1	2	1	1	-	2	1	2	-	-	-	-	-

DEPARTMENT OF ARCHITECTURE & PLANNING

Course Handout

Course: Interior Design Studio – IV

Course Code: BID 401, Credits: 06, Session: 2021-22 (Even Sem.), Class: BID 2nd Year

Faculty Name: Ar. Manish Kumar Chitranshi

Introduction:

- The course will use a mix of drawings, Presentations & hands on workshop. Participencouraged to engage in active interaction through classroom participation.
- **A.** Course Outcomes: At the end of the course, students will be able to:

CO1: The different types of exhibition and presentation spaces and the interior design requirements related to them.

CO2: the objective of the course is to introduce the students with the different types of exhibition and presentation spaces and the interior design requirements related to them.

CO3: The course should involve different design ideas and schemes to represent the designing of exhibition spaces, as these are the prime area of designing emerging in the modern world

B. Programme Outcomes:

- **PO1. Design Knowledge:** Incorporate a global perspective when making design decisions, based on sustainable, socio-economic, and cultural contexts.
- **PO2. Problem Analysis:** Apply theories of human behaviour to human-centered design solutions.
- **PO3. Design/Development of Solutions:** Apply the design process to generate creative solutions to complex problems optimizing the human experience within the interior environment. Apply theory, psychology, and methodology of color to designs of the interior environment.
- PO4. Individual and Team Work: Collaborate in multi-disciplinary teams respecting a

- variety of points of view and perspectives that enrich the process and product of the team.
- **PO5. Communication:** Communicate complex ideas clearly to specialists and non-specialists through appropriate oral, written, and representational media.
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- **PO8. Synthesis of Concepts:** Synthesize theories and concepts of spatial definition and organization into multi-dimensional design solutions.
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- **PO11. Ethics:** Comply with laws, codes, and standards that impact fire safety and life safety.
- **PO12. Project/Construction Management:** Produce construction drawings and documents using industry standards for a variety of interior spaces. Employ environment-behaviour research methodologies to address open-ended problems in interior design.

C. Programme Specific Outcomes:

As part of the school's charter and mission, Amity School of Architecture and Planning is providing a vibrant planning environment, ensuring its undergraduates are not only valued by the planning practice, but are also able to:

- **PSO1.** Demonstrate critical thinking as they identify, analyze, and solve interior architecture and design problems through completion of interior design studio projects. Apply creative and critical thinking to solve interior environment problems from a human-cantered approach and apply this knowledge to design solutions.
- **PSO2.** Demonstrate preparation for global design practice by incorporating cultural norms of user populations and applying that knowledge to design solutions that support globally diverse end users.
- **PSO3.** Demonstrate effective visual, verbal, and written communication.

PSO4. Apply ethical and professional practices.

PSO5. Demonstrate social responsibility by designing sustainable interior environments that support indoor environmental quality and improve the quality of life for occupants.

PSO6. Engage in integrative professional design practice by contributing interior architecture and design expertise to collaborative design teams.

Assessment Plan:

Component	Description	Code	Weightage
of Evaluation			%
Continuous Internal	Mid Term	СТ	10%
Evaluation	Seminar/Quiz/	S/Q/A	15%
	Assignment		
Attendance	A minimum of 75%	Α	5%
	Attendance is required to be		
	maintained by a studentto be		
	qualified for taking up the End		
	Semester examination. The		
	allowance of 25% includes all		
	types of leaves		
	including medical leaves.		
End Semester	End Semester	VV	70%
Examination	(Viva-Voce)		
Total			100%

D. Syllabus

Module I: Design problem

Descriptors/Topics

The course should involve different design ideas and schemes to represent the designing of exhibition spaces, as these are the prime area of designing emerging in the modern world

Module II: Space organization

Descriptors/Topics

Space organization in exhibition interiors, Surface treatments in interiors e.g. walls,

floors, ceilings etc.

Interior details in terms of lighting, services, interior landscape etc, Different types of materials that are available and their uses in interiors

Module III: Layout Descriptors/Topics

Layout and Constructional details of furniture units, Application of color, texture, pattern and their psychological effects in interiors, Drawing of interiors in 2D and 3D views to understand the space design.

Interior Model of the space with all furniture, interior details in place and interior finishes with different colors, Textures.**Examination Scheme:**

Components	Attendance	Mid-Term	Assignment	VV
Weightage (%)	5	10	15	70

CT: Class Test, A: Assignment, S/V/Q: Seminar/Viva/Quiz, EE: End Semester Examination; A: Attendance

Text Reading:

- [1] Drawing a Creative Process, Francis D.K. Ching
- [2] Design Drawing + CD, Francis D.K. Ching
- [3] Architecture Graphics, Francis D.K. Ching 4th Edition
- [4] Interior design&space planning, Dechiara Pabero Zelnik
- [5] Interior design illustrated, Francis D.K. Ching
- [6] Graphic Interiors
- [7] Space Designed by Graphic Artists, CorinaDean
- [8] Home Plumbing (The David & Charles Manual of), Ernest Hall
- [9] House Book (The Complete Guide to Home Design), Terence Conran
- [10] Illustration + Perspectives (In Pantone Colors), Eiji Mitooka

References:

- Architectural Graphic standards editor Boaz Joseph
- Neufert's Architect's data
- Time Saver standards for building types, editor Joseph D.C. and John Callender.
- Kitchen & Bath, Montse Zapata
- Bed room, Lestey Taylor
- The Curtain Book, Mitchll Beazlty
- Interior Design Visual, Maureen Mitton 2nd Edition
- 100 Bright Ideas For color, Sue Rose
- Window Fashion, Charles T. Randall

E. Lecture Plan

Lecture	Topics	Mode	Correspon	Mode of
		of Delivery	ding CO	Assessing CO
1.	Design problem	Lecture	CO1	Mid Term-
	Introduction			1, Quiz &
				End Sem
				Exam
2.	Design problem	Lecture	CO1	Mid Term-
	Introduction			1, Quiz &
				End Sem
				Exam
3.	Design problem	Lecture	CO1	Mid Term-
	Introduction			1, Quiz &
				End Sem
				Exam
4.	Design problem Introduction	Lecture	CO1	Mid Term-
				1, Quiz &
				End Sem
				Exam
5.	Design problem	Lecture	CO1	Mid Term-
	Introduction			1, Quiz &
				End Sem
		-		Exam
6.	Interior Design for specific	Lecture	CO1	Mid Term-
	ideas and select materials appropriate to intended			1, Quiz &
	purpose and to understand			End Sem
	the visuals, tactile and			Exam
	functional characteristics,			
	Develop an understanding of			
	structures, special awareness,			
	materials and processes,			
	Develop skills in design			
	development using working			
	drawing, visual, scale models			
	and prototypes followed by effective presentations of			
	proposed design solutions of			
	exhibitions.			
7.	Interior Design for specific	Lecture	CO1	Mid Term-
	ideas and select materials			1, Quiz &
	appropriate to intended			End Sem
	purpose and to understand			Exam
	the visuals, tactile and			
	functional characteristics,			

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	Develop an understanding of structures, special awareness, materials and processes, Develop skills in design development using working drawing, visual, scale models and prototypes followed by effective presentations of proposed design solutions of exhibitions.			
8.	Interior Design for specific ideas and select materials appropriate to intended purpose and to understand the visuals, tactile and functional characteristics, Develop an understanding of structures, special awareness, materials and processes, Develop skills in design development using working drawing, visual, scale models and prototypes followed by effective presentations of proposed design solutions of exhibitions.	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
9.	Interior Design for specific ideas and select materials appropriate to intended purpose and to understand the visuals, tactile and functional characteristics, Develop an understanding of structures, special awareness, materials and processes, Develop skills in design development using working drawing, visual, scale models and prototypes followed by effective presentations of proposed design solutions of exhibitions.	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
10.	Interior Design for specific ideas and select materials appropriate to intended purpose and to understand the visuals, tactile and functional characteristics,	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam

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	Develop an understanding of structures, special awareness, materials and processes, Develop skills in design development using working drawing, visual, scale models and prototypes followed by effective presentations of proposed design solutions of exhibitions.			
11.	Interior Design for specific ideas and select materials appropriate to intended purpose and to understand the visuals, tactile and functional characteristics, Develop an understanding of structures, special awareness, materials and processes, Develop skills in design development using working drawing, visual, scale models and prototypes followed by effective presentations of proposed design solutions of exhibitions.	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
12.	Interior Design for specific ideas and select materials appropriate to intended purpose and to understand the visuals, tactile and functional characteristics, Develop an understanding of structures, special awareness, materials and processes, Develop skills in design development using working drawing, visual, scale models and prototypes followed by effective presentations of proposed design solutions of exhibitions.	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
13.	Interior Design for specific ideas and select materials appropriate to intended purpose and to understand the visuals, tactile and functional characteristics,	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam

	Develop an understanding of			
	structures, special awareness,			
	materials and processes,			
	Develop skills in design			
	development using working			
	drawing, visual, scale models			
	and prototypes followed by			
	effective presentations of			
	proposed design solutions of exhibitions.			
14.	Interior Design for specific	Lecture	CO1	Mid Term-
14.	ideas and select materials	Lecture	601	1, Quiz &
	appropriate to intended			End Sem
	purpose and to understand			Exam
	the visuals, tactile and			Exam
	functional characteristics,			
	Develop an understanding of			
	structures, special awareness,			
	materials and processes,			
	Develop skills in design			
	development using working			
	drawing, visual, scale models			
	and prototypes followed by			
	effective presentations of proposed design solutions of			
	exhibitions.			
15.	Interior Design for specific	Lecture	CO1	Mid Term-
	ideas and select materials			1, Quiz &
	appropriate to intended			End Sem
	purpose and to understand			Exam
	the visuals, tactile and			
	functional characteristics,			
	Develop an understanding of			
	structures, special awareness,			
	materials and processes,			
	Develop skills in design			
	development using working drawing, visual, scale models			
	and prototypes followed by			
	effective presentations of			
	proposed design solutions of			
	exhibitions.			
16.	Interior Design for specific	Lecture	CO1	Mid Term-
	ideas and select materials			1, Quiz &
	appropriate to intended			End Sem
1	numana and to understand		I	F
	purpose and to understand			Exam
	the visuals, tactile and functional characteristics,			Exam

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	Develop an understanding of			
	structures, special awareness,			
	materials and processes,			
	Develop skills in design			
	development using working			
	drawing, visual, scale models			
	and prototypes followed by			
	effective presentations of			
	proposed design solutions of			
	exhibitions.			
17.	Interior Design for specific	Lecture	CO1	Mid Term-
	ideas and select materials			1, Quiz &
	appropriate to intended			End Sem
	purpose and to understand			Exam
	the visuals, tactile and			LXUIII
	functional characteristics,			
	Develop an understanding of			
	structures, special awareness,			
	materials and processes,			
	Develop skills in design			
	development using working			
	drawing, visual, scale models			
	and prototypes followed by			
	effective presentations of			
	-			
	proposed design solutions of exhibitions.			
18.	Interior Design for specific	Lecture	CO1	Mid Term-
10.	ideas and select materials	Lecture	(01	
				1, Quiz &
	appropriate to intended			End Sem
	purpose and to understand			Exam
	the visuals, tactile and			
	functional characteristics,			
	Develop an understanding of			
	structures, special awareness,			
	materials and processes,			
	Develop skills in design			
	development using working			
	drawing, visual, scale models			
	and prototypes followed by			
	effective presentations of			
	proposed design solutions of			
	exhibitions.			
ì	Interior Design for specific	Lecture	CO1	Mid Term-
19.	ideas and select materials			1, Quiz &
19.				•
19.	appropriate to intended			End Sem
19.	appropriate to intended purpose and to understand			-
19.	appropriate to intended			End Sem

	Develop an understanding of structures, special awareness, materials and processes, Develop skills in design development using working drawing, visual, scale models and prototypes followed by effective presentations of proposed design solutions of exhibitions.			
20.	Interior Design for specific ideas and select materials appropriate to intended purpose and to understand the visuals, tactile and functional characteristics, Develop an understanding of structures, special awareness, materials and processes, Develop skills in design development using working drawing, visual, scale models and prototypes followed by effective presentations of proposed design solutions of exhibitions.	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
21.	Space organization in exhibition interiors, Surface treatments in interiors e.g. walls, floors, ceilings etc. Interior details in terms of lighting, services, interior landscape etc, Different types of materials that are available and their uses in interiors	Lecture	CO1	Mid Term- 2, Quiz & End Sem Exam
22.	Space organization in exhibition interiors, Surface treatments in interiors e.g. walls, floors, ceilings etc. Interior details in terms of lighting, services, interior landscape etc, Different types of materials that are available and their uses in interiors	Lecture	CO1	Mid Term- 2, Quiz & End Sem Exam

23.	Space organization in exhibition interiors, Surface treatments in interiors e.g. walls, floors, ceilings etc. Interior details in terms of lighting, services, interior landscape etc, Different types of materials that are available and their uses in interiors	Lecture	CO1	Mid Term- 2, Quiz & End Sem Exam
24.	Space organization in exhibition interiors, Surface treatments in interiors e.g. walls, floors, ceilings etc. Interior details in terms of lighting, services, interior landscape etc, Different types of materials that are available and their uses in interiorsCase studies and data collection through primary and secondary sources	Lecture	CO1	Mid Term- 2, Quiz & End Sem Exam
25.	Space organization in exhibition interiors, Surface treatments in interiors e.g. walls, floors, ceilings etc. Interior details in terms of lighting, services, interior landscape etc, Different types of materials that are available and their uses in interiors	Lecture	CO1	Mid Term- 2, Quiz & End Sem Exam
26.	Space organization in exhibition interiors, Surface treatments in interiors e.g. walls, floors, ceilings etc. Interior details in terms of lighting, services, interior landscape etc, Different types of materials that are available and their uses in interiors	Lecture	CO2	Mid Term- 2, Quiz & End Sem Exam

27.	Space organization in exhibition interiors, Surface treatments in interiors e.g. walls, floors, ceilings etc. Interior details in terms of lighting, services, interior landscape etc, Different types of materials that are available and their uses in interiorsDesign the interior keeping in view – the basic structural requirements, finishes, furniture layout, basic services	Lecture	CO2	Mid Term- 2, Quiz & End Sem Exam
28.	Space organization in exhibition interiors, Surface treatments in interiors e.g. walls, floors, ceilings etc. Interior details in terms of lighting, services, interior landscape etc, Different types of materials that are available and their uses in interiors Design the interior keeping in view — the basic structural requirements, finishes, furniture layout, basic services	Lecture	CO2	Mid Term- 2, Quiz & End Sem Exam
29.	Space organization in exhibition interiors, Surface treatments in interiors e.g. walls, floors, ceilings etc. Interior details in terms of lighting, services, interior landscape etc, Different types of materials that are available and their uses in interiorsDesign the interior keeping in view — the basic structural requirements, finishes, furniture layout, basic services	Lecture	CO2	Mid Term- 2, Quiz & End Sem Exam

30.	Space organization in exhibition interiors, Surface treatments in interiors e.g. walls, floors, ceilings etc. Interior details in terms of lighting, services, interior landscape etc, Different types of materials that are available and their uses in interiorsDesign the interior keeping in view — the basic structural requirements, finishes, furniture layout, basic services	Lecture	CO2	Mid Term- 2, Quiz & End Sem Exam
31.	Space organization in exhibition interiors, Surface treatments in interiors e.g. walls, floors, ceilings etc. Interior details in terms of lighting, services, interior landscape etc, Different types of materials that are available and their uses in interiors	Lecture	CO2	Mid Term- 2, Quiz & End Sem Exam
32.	Space organization in exhibition interiors, Surface treatments in interiors e.g. walls, floors, ceilings etc. Interior details in terms of lighting, services, interior landscape etc, Different types of materials that are available and their uses in interiors	Lecture	CO2	Mid Term- 2, Quiz & End Sem Exam
33.	Space organization in exhibition interiors, Surface treatments in interiors e.g. walls, floors, ceilings etc. Interior details in terms of lighting, services, interior landscape etc, Different types of materials that are available and their uses in	Lecture	CO2	Mid Term- 2, Quiz & End Sem Exam

	interiors			
34.	Space organization in exhibition interiors, Surface treatments in interiors e.g. walls, floors, ceilings etc. Interior details in terms of lighting, services, interior landscape etc, Different types of materials that are available and their uses in interiorsDesign the interior keeping in view — the basic structural requirements, finishes, furniture layout, basic services	Lecture	CO2	Mid Term- 2, Quiz & End Sem Exam
35.	Space organization in exhibition interiors, Surface treatments in interiors e.g. walls, floors, ceilings etc. Interior details in terms of lighting, services, interior landscape etc, Different types of materials that are available and their uses in interiorsDesign the interior keeping in view — the basic structural requirements, finishes, furniture layout, basic services	Lecture	CO2	Mid Term- 2, Quiz & End Sem Exam
36.	Space organization in exhibition interiors, Surface treatments in interiors e.g. walls, floors, ceilings etc. Interior details in terms of lighting, services, interior landscape etc, Different types of materials that are available and their uses in interiors	Lecture	CO2	Mid Term- 2, Quiz & End Sem Exam
37.	Space organization in exhibition interiors, Surface treatments in interiors e.g. walls,	Lecture	CO2	Quiz & End Sem Exam

floors, ceilings etc. Interior details in terms of lighting, services, interior landscape etc, Different types of materials that are available and their uses in	
landscape etc, Different types of materials that are	
of materials that are	
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available and their uses in	
interiorsDesign the	
interiors for a space with a	
floor area of appx. 300sqm.	
– 400 sqm in a two storey	
structure with open	
courtyards in or around the	
built structure for 12 - 15	
occupants (living or	
floating) on a plot size of	
minimum 500sqm.	
38. Space organization in Lecture CO2 Quiz &	
exhibition interiors, Surface End Sem	
treatments in interiors e.g. Exam	
walls,	
floors, ceilings etc.	
Interior details in terms of	
lighting, services, interior	
landscape etc, Different types of materials that are	
available and their uses in	
interiorsDesign the	
interiors for a space with a	
floor area of appx. 300sqm.	
– 400 sqm in a two storey	
structure with open	
courtyards in or around the	
built structure for 12 - 15	
occupants (living or	
floating) on a plot size of	
minimum 500sqm.	
39. Space organization in Lecture CO2 Quiz &	
exhibition interiors, Surface End Sem	
treatments in interiors e.g. Exam	
walls,	
floors, ceilings etc.	
Interior details in terms of	
lighting, services, interior	
landscape etc, Different types	
of materials that are	
available and their uses in	
interiorsDesign the	
interiors for a space with a	

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	floor area of appx. 300sqm. – 400 sqm in a two storey structure with open courtyards in or around the built structure for 12 - 15 occupants (living or floating) on a plot size of minimum 500sqm.			
40.	Space organization in exhibition interiors, Surface treatments in interiors e.g. walls, floors, ceilings etc. Interior details in terms of lighting, services, interior landscape etc, Different types of materials that are available and their uses in interiorsDesign the interiors for a space with a floor area of appx. 300sqm. – 400 sqm in a two storey structure with open courtyards in or around the built structure for 12 - 15 occupants (living or floating) on a plot size of minimum 500sqm.	Lecture	CO2	Quiz & End Sem Exam
41.	Layout and Constructional details of furniture units, Application of color, texture, pattern and their psychological effects in interiors, Drawing of interiors in 2D and 3D views to understand the space design. Interior Model of the space with all furniture, interior details in place and interior finishes with different colors, Textures.Design the interiors for a space with a floor area of appx. 300sqm. – 400 sqm in a two storey structure with open courtyards in or	Lecture	CO2	Quiz & End Sem Exam

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	around the built structure			
	for 12 - 15 occupants (living			
	or floating) on a plot size of			
42	minimum 500sqm.	Loctions	603	Ouiz 9
42.	Layout and Constructional details of furniture units,	Lecture	CO2	Quiz & End Sem
	Application of color, texture,			Exam
	pattern and their			LXaiii
	psychological effects in			
	interiors, Drawing of interiors			
	in 2D and			
	3D views to understand the			
	space design.			
	Interior Model of the space			
	with all furniture, interior			
	details in place and interior finishes with different			
	colors, Textures.			
43.	Layout and Constructional	Lecture	CO2	Quiz &
	details of furniture units,			End Sem
	Application of color, texture,			Exam
	pattern and their			
	psychological effects in			
	interiors, Drawing of interiors			
	in 2D and 3D views to understand the			
	space design.			
	Interior Model of the space			
	with all furniture, interior			
	details in place and interior			
	finishes with different			
	colors, Textures.Design			
	the interiors for a space			
	with a floor area of appx.			
	300sqm. – 400 sqm in a			
	two storey structure with			
	open courtyards in or			
	around the built structure			
	for 12 - 15 occupants (living			
	or floating) on a plot size of minimum 500sqm.			
44.	Layout and Constructional	Lecture	CO2	Quiz &
	details of furniture units,		332	End Sem
	Application of color, texture,			Exam
	pattern and their			
	psychological effects in			
	interiors, Drawing of interiors			
	in 2D and			

	2D : 1 : 1:1			<u> </u>
	3D views to understand the			
	space design.			
	Interior Model of the space			
	with all furniture, interior			
	details in place and interior			
	finishes with different			
	colors, Textures.Design			
	the interiors for a space			
	with a floor area of appx.			
	300sqm. – 400 sqm in a			
	two storey structure with			
	open courtyards in or			
	around the built structure			
	for 12 - 15 occupants (living			
	or floating) on a plot size of			
	minimum 500sqm.		000	0
45.	Layout and Constructional	Lecture	CO2	Quiz &
	details of furniture units,			End Sem
	Application of color, texture,			Exam
	pattern and their			
	psychological effects in			
	interiors, Drawing of interiors			
	in 2D and			
	3D views to understand the			
	space design.			
	Interior Model of the space			
	with all furniture, interior			
	details in place and interior			
	finishes with different			
	colors, Textures.			
46.	Layout and Constructional	Lecture	CO2	Quiz &
	details of furniture units,			End Sem
	Application of color, texture,			Exam
	pattern and their			
	psychological effects in			
	interiors, Drawing of interiors			
	in 2D and			
	3D views to understand the			
	space design.			
	Interior Model of the space			
	with all furniture, interior			
	details in place and interior			
	finishes with different			
	colors, Textures.Design			
	should be presented in 3D			
	drawings (perspectives,			
	axonometric, isometric			
	views) rendered with			
	views) remuered with			

	textures, colors, patterns			
	etc.			
47.	Layout and Constructional details of furniture units, Application of color, texture, pattern and their psychological effects in interiors, Drawing of interiors in 2D and 3D views to understand the space design. Interior Model of the space with all furniture, interior details in place and interior finishes with different colors, Textures.	Lecture	CO2	Quiz & End Sem Exam
48.	Layout and Constructional details of furniture units, Application of color, texture, pattern and their psychological effects in interiors, Drawing of interiors in 2D and 3D views to understand the space design. Interior Model of the space with all furniture, interior details in place and interior finishes with different colors, Textures.Design should be presented in 3D drawings (perspectives, axonometric, isometric views) rendered with textures, colors, patterns etc.	Lecture	CO2	Quiz & End Sem Exam
49.	Layout and Constructional details of furniture units, Application of color, texture, pattern and their psychological effects in interiors, Drawing of interiors in 2D and 3D views to understand the space design. Interior Model of the space with all furniture, interior details in place and interior	Lecture	CO2	Quiz & End Sem Exam

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	finishes with different colors,			
	Textures.Design should be			
	presented in 3D drawings			
	(perspectives, axonometric,			
	isometric views) rendered with			
	textures, colors, patterns etc.			
50.	Layout and Constructional	Lecture	CO2	Quiz &
	details of furniture units,			End Sem
	Application of color, texture,			Exam
	pattern and their psychological			
	effects in interiors, Drawing of			
	interiors in 2D and			
	3D views to understand the			
	space design. Interior Model of the space with			
	all furniture, interior details in			
	place and interior			
	finishes with different colors,			
	Textures.Design should be			
	presented in 3D drawings			
	(perspectives, axonometric,			
	isometric views) rendered with			
	textures, colors, patterns etc.			
51.	Layout and Constructional	Lecture	CO3	Quiz &
J1.	details of furniture units,	Lecture	603	End Sem
	Application of color, texture,			Exam
	pattern and their psychological			Exaiii
	effects in interiors, Drawing of			
	interiors in 2D and			
	3D views to understand the			
	space design.			
	Interior Model of the space with			
	all furniture, interior details in place and interior			
	_			
	finishes with different colors, Textures.			
52.	Layout and Constructional	Lecture	CO3	Quiz &
32.	details of furniture units,			End Sem
	Application of color, texture,			Exam
	pattern and their			LAGIII
	psychological effects in			
	interiors, Drawing of interiors			
	in 2D and			
	3D views to understand the			
	space design.			
	Interior Model of the space			
	with all furniture, interior			
	details in place and interior			
	finishes with different colors,			
	Textures.Layout and			
	Constructional details of			
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	furniture units, Application of			
	color, texture,			
	pattern and their psychological			
	effects in interiors, Drawing of			
	interiors in 2D and			
	3D views to understand the			
	space design.			
	Interior Model of the space with			
	all furniture, interior details in			
	place and interior			
	finishes with different colors,			
	Textures.Design should be			
	presented in 3D drawings			
	(perspectives, axonometric,			
	isometric views) rendered with			
	textures, colors, patterns etc.			
53.	Layout and Constructional	Lecture	CO3	Quiz &
	details of furniture units,			End Sem
	Application of color, texture,			Exam
	pattern and their psychological			LXUIII
	effects in interiors, Drawing of			
	interiors in 2D and			
	3D views to understand the			
	space design.			
	Interior Model of the space with			
	all furniture, interior details in			
	place and interior			
	finishes with different colors,			
	Textures.Design should be			
	presented in 3D drawings			
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	(perspectives, axonometric,			
	isometric views) rendered with			
	textures, colors, patterns etc.			
54.	Layout and Constructional	Lecture	CO3	Quiz &
	details of furniture units,			End Sem
	Application of color, texture,			Exam
	pattern and their psychological			LAGIII
	effects in interiors, Drawing of			
	interiors in 2D and			
	3D views to understand the			
	space design.			
	Interior Model of the space with			
	all furniture, interior details in			
	place and interior			
	finishes with different colors,			
	Textures.Design should be			
	presented in 3D drawings			
	(perspectives, axonometric,			
	isometric views) rendered with			
	textures, colors, patterns etc.			
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55.	Layout and Constructional details of furniture units, Application of color, texture, pattern and their psychological effects in interiors, Drawing of interiors in 2D and 3D views to understand the space design. Interior Model of the space with all furniture, interior details in place and interior finishes with different colors, Textures.Design should be presented in 3D drawings (perspectives, axonometric, isometric views) rendered with	Lecture	CO3	Quiz & End Sem Exam
56.	Layout and Constructional details of furniture units, Application of color, texture, pattern and their psychological effects in interiors, Drawing of interiors in 2D and 3D views to understand the space design. Interior Model of the space with all furniture, interior details in place and interior finishes with different colors, Textures.Layout and Constructional details of furniture units, Application of color, texture, pattern and their psychological effects in interiors, Drawing of interiors in 2D and 3D views to understand the space design. Interior Model of the space with all furniture, interior details in place and interior finishes with different colors, Textures.Design should be presented in 3D drawings (perspectives, axonometric, isometric views) rendered with textures, colors, patterns etc.	Lecture	CO3	Quiz & End Sem Exam
57.	Layout and Constructional details of furniture units, Application of color, texture,	Lecture	CO3	Quiz & End Sem

	pattern and their psychological		<u> </u>	- Tyom
	effects in interiors, Drawing of			Exam
	interiors in 2D and			
	3D views to understand the			
	space design.			
	Interior Model of the space with			
	all furniture, interior details in			
	place and interior			
	finishes with different colors,			
	Textures.Design should be			
	presented in 3D drawings			
	(perspectives, axonometric,			
	isometric views) rendered with			
	textures, colors, patterns etc.			
58.	Layout and Constructional	Lecture	CO3	Quiz &
	details of furniture units, Application of color, texture,			End Sem
	pattern and their psychological			Exam
	effects in interiors, Drawing of			
	interiors in 2D and			
	3D views to understand the			
	space design.			
	Interior Model of the space with			
	all furniture, interior details in			
	place and interior			
	finishes with different colors, Textures.Design should be			
	presented in 3D drawings			
	(perspectives, axonometric,			
	isometric views) rendered with			
	textures, colors, patterns etc.			
59.	Layout and Constructional	Lecture	CO3	Quiz &
]	details of furniture units,	2000010		End Sem
	Application of color, texture,			Exam
	pattern and their psychological			LAGIII
	effects in interiors, Drawing of			
	interiors in 2D and			
	3D views to understand the space design.			
	Interior Model of the space with			
	all furniture, interior details in			
	place and interior			
	finishes with different colors,			
	Textures.Design should be			
	presented in 3D drawings			
	(perspectives, axonometric,			
	isometric views) rendered with			
	textures, colors, patterns etc.			
60.	Layout and Constructional	Lecture	CO3	Quiz &
	details of furniture units,			End Sem
	Application of color, texture,			Exam
	•	•	•	•

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	pattern and their psychological			
	effects in interiors, Drawing of			
	interiors in 2D and			
	3D views to understand the			
	space design.			
	Interior Model of the space with			
	all furniture, interior details in			
	place and interior			
	finishes with different colors,			
	Textures.Design should be			
	presented in 3D drawings			
	(perspectives, axonometric,			
	isometric views) rendered with			
	textures, colors, patterns etc.			
61.	Interior Design for specific ideas	Lecture	CO3	Quiz &
_	and select materials appropriate			End Sem
	to intended			Exam
	purpose and to understand the			LXdIII
	visuals, tactile and functional			
	characteristics,			
	Develop an understanding of			
	structures, special awareness,			
	materials and processes,			
	Develop skills in design			
	development using working			
	drawing, visual, scale models			
	and prototypes followed by			
	effective presentations of			
	proposed design solutions of			
	exhibitions.Design should be			
	presented in 3D drawings			
	(perspectives, axonometric,			
	isometric views) rendered with			
	textures, colors, patterns etc.			
62.	Interior Design for specific	Lecture	CO3	Quiz &
	ideas and select materials			End Sem
	appropriate to intended			Exam
	purpose and to understand			LAGIII
	the visuals, tactile and			
	functional characteristics,			
	Develop an understanding of			
	structures, special awareness,			
	materials and processes,			
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	Develop skills in design			
	development using working			
	drawing, visual, scale models			
	and prototypes followed by			
	effective presentations of			
	proposed design solutions of			

	ayhihitiang Intended Device Co			
	exhibitions.Interior Design for			
	specific ideas and select			
	materials appropriate to			
	intended			
	purpose and to understand the			
	visuals, tactile and functional			
	characteristics,			
	Develop an understanding of			
	structures, special awareness,			
	materials and processes,			
	Develop skills in design development using working			
	drawing, visual, scale models			
	and prototypes followed by			
	effective presentations of			
	proposed design solutions of			
	exhibitions.Design should be			
	presented in 3D drawings			
	(perspectives, axonometric,			
	isometric views) rendered with			
	textures, colors, patterns etc.			
63.	Interior Design for specific ideas	Lecture	CO3	Quiz &
	and select materials appropriate			End Sem
	to intended			Exam
	purpose and to understand the			ZXX
	visuals, tactile and functional			
	characteristics,			
	Develop an understanding of			
	structures, special awareness,			
	materials and processes,			
	Develop skills in design			
	development using working			
	drawing, visual, scale models			
	and prototypes followed by			
	effective presentations of			
	proposed design solutions of			
	exhibitions.Design should be			
	presented in 3D drawings			
	(perspectives, axonometric,			
	isometric views) rendered with			
	textures, colors, patterns etc.			
64.	Interior Design for specific ideas	Lecture	CO3	Quiz &
	and select materials appropriate			End Sem
	to intended			Exam
	purpose and to understand the			2,0111
	visuals, tactile and functional			
	characteristics,			
1	Develop an understanding of		l	
	structures, special awareness, materials and processes,			

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	Develop skills in design			
	development using working			
	drawing, visual, scale models			
	and prototypes followed by			
	effective presentations of			
	proposed design solutions of			
	exhibitions.Design should be			
	presented in 3D drawings			
	(perspectives, axonometric,			
	isometric views) rendered with			
	textures, colors, patterns etc.			
65.	Interior Design for specific ideas	Lecture	CO3	Quiz &
	and select materials appropriate	200000		End Sem
	to intended			Exam
	purpose and to understand the			EXAIII
	visuals, tactile and functional			
	characteristics,			
	Develop an understanding of			
	structures, special awareness,			
	materials and processes,			
	Develop skills in design			
	development using working			
	drawing, visual, scale models			
	and prototypes followed by			
	effective presentations of			
	proposed design solutions of			
	exhibitions.Design should be			
	presented in 3D drawings			
	(perspectives, axonometric,			
	isometric views) rendered with			
	textures, colors, patterns etc.			
66.	Interior Design for specific ideas	Lecture	CO3	Quiz &
00.	and select materials appropriate	2000.0		End Sem
	to intended			Exam
	purpose and to understand the			EXAIII
	visuals, tactile and functional			
	characteristics,			
	Develop an understanding of			
	structures, special awareness,			
	materials and processes,			
	Develop skills in design			
	development using working			
	drawing, visual, scale models			
	and prototypes followed by			
	effective presentations of			
	proposed design solutions of			
	exhibitions.Design should be			
	presented in 3D drawings			
	(perspectives, axonometric,			
	isometric views) rendered with			
	textures, colors, patterns etc.			
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67.	Interior Design for specific ideas and select materials appropriate to intended purpose and to understand the visuals, tactile and functional characteristics, Develop an understanding of structures, special awareness, materials and processes, Develop skills in design development using working drawing, visual, scale models and prototypes followed by effective presentations of	Lecture	CO3	Quiz & End Sem Exam
	proposed design solutions of exhibitions.Design should be presented in 3D drawings (perspectives, axonometric, isometric views) rendered with textures, colors, patterns etc.			
68.	Interior Design for specific ideas and select materials appropriate to intended purpose and to understand the visuals, tactile and functional characteristics, Develop an understanding of structures, special awareness, materials and processes, Develop skills in design development using working drawing, visual, scale models and prototypes followed by effective presentations of proposed design solutions of exhibitions. Design should be presented in 3D drawings (perspectives, axonometric, isometric views) rendered with textures, colors, patterns etc.	Lecture	CO3	Quiz & End Sem Exam
69.	Interior Design for specific ideas and select materials appropriate to intended purpose and to understand the visuals, tactile and functional characteristics, Develop an understanding of structures, special awareness, materials and processes, Develop skills in design development using working drawing, visual, scale models	Lecture	CO3	Quiz & End Sem Exam

	1			
	and prototypes followed by			
	effective presentations of			
	proposed design solutions of			
	exhibitions.			
70.	Interior Design for specific ideas	Lecture	CO3	Quiz &
	and select materials appropriate			End Sem
	to intended			Exam
	purpose and to understand the			
	visuals, tactile and functional			
	characteristics, Develop an understanding of			
	structures, special awareness,			
	materials and processes,			
	Develop skills in design			
	development using working			
	drawing, visual, scale models			
	and prototypes followed by			
	effective presentations of			
	proposed design solutions of			
	exhibitions.Design should be			
	presented in 3D drawings			
	(perspectives, axonometric,			
	isometric views) rendered with			
	textures, colors, patterns etc.			
71.	Interior Design for specific ideas	Lecture	CO3	Quiz &
, 1.	and select materials appropriate	Lecture		End Sem
	to intended			Exam
	purpose and to understand the			LAGIII
	visuals, tactile and functional			
	characteristics,			
	Develop an understanding of			
	structures, special awareness,			
	materials and processes,			
	Develop skills in design			
	development using working drawing, visual, scale models			
	and prototypes followed by			
	effective presentations of			
	proposed design solutions of			
	exhibitions.Design should be			
	presented in 3D drawings			
	(perspectives, axonometric,			
	isometric views) rendered with			
	,			
72	textures, colors, patterns etc.	Loctivia	CO2	Oui- 9
72.	Interior Design for specific ideas and select materials appropriate	Lecture	CO3	Quiz &
	to intended			End Sem
	purpose and to understand the			Exam
	visuals, tactile and functional			
	characteristics,			
		l	1	I

			1	
	Develop an understanding of			
	structures, special awareness,			
	materials and processes,			
	Develop skills in design			
	development using working			
	drawing, visual, scale models			
	and prototypes followed by			
	effective presentations of			
	proposed design solutions of			
	exhibitions.Design should be			
	presented in 3D drawings			
	(perspectives, axonometric,			
	isometric views) rendered with			
	textures, colors, patterns etc.			
72	Interior Design for specific ideas	Lastina	602	O:- 0
73.	and select materials appropriate	Lecture	CO3	Quiz &
	to intended			End Sem
	purpose and to understand the			Exam
	visuals, tactile and functional			
	characteristics,			
	Develop an understanding of			
	structures, special awareness,			
	materials and processes,			
	Develop skills in design			
	development using working			
	drawing, visual, scale models			
	and prototypes followed by			
	effective presentations of			
	proposed design solutions of			
	exhibitions.Design should be			
	_			
	presented in 3D drawings			
	(perspectives, axonometric,			
	isometric views) rendered with			
	textures, colors, patterns etc.			
74.	Interior Design for specific ideas	Lecture	CO3	Quiz &
	and select materials appropriate			End Sem
	to intended			Exam
	purpose and to understand the			
	visuals, tactile and functional			
	characteristics,			
	Develop an understanding of			
	structures, special awareness,			
	materials and processes,			
	Develop skills in design			
	development using working			
	drawing, visual, scale models			
	and prototypes followed by			
	effective presentations of			
	proposed design solutions of			

	exhibitions.Design should be			
	presented in 3D drawings			
	(perspectives, axonometric,			
	isometric views) rendered with			
	textures, colors, patterns etc.			
75.	Interior Design for specific ideas	Lecture	CO3	Quiz &
	and select materials appropriate			End Sem
	to intended			Exam
	purpose and to understand the			LXaiii
	visuals, tactile and functional			
	characteristics,			
	Develop an understanding of			
	structures, special awareness,			
	materials and processes,			
	Develop skills in design			
	development using working drawing, visual, scale models			
	and prototypes followed by			
	effective presentations of			
	proposed design solutions of			
	exhibitions.Design should be			
	_			
	presented in 3D drawings			
	(perspectives, axonometric,			
	isometric views) rendered with			
	textures, colors, patterns etc.			_
76.	Interior Design for specific ideas	Lecture	CO3	Quiz &
	and select materials appropriate to intended			End Sem
	purpose and to understand the			Exam
	visuals, tactile and functional			
	characteristics,			
	Develop an understanding of			
	structures, special awareness,			
	materials and processes,			
	Develop skills in design			
	development using working			
	drawing, visual, scale models			
	and prototypes followed by			
	effective presentations of			
	proposed design solutions of			
	exhibitions.		603	0 : 0
77.	Interior Design for specific ideas	Lecture	CO3	Quiz &
	and select materials appropriate to intended			End Sem
	purpose and to understand the			Exam
	visuals, tactile and functional			
	characteristics,			
	Develop an understanding of			
	structures, special awareness,			
	materials and processes,			
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	December alight to have			1
	Develop skills in design			
	development using working			
	drawing, visual, scale models			
	and prototypes followed by			
	effective presentations of			
	proposed design solutions of			
	exhibitions.			
78.	Interior Design for specific ideas	Lecture	CO3	Quiz &
	and select materials appropriate			End Sem
	to intended			Exam
	purpose and to understand the			
	visuals, tactile and functional			
	characteristics,			
	Develop an understanding of			
	structures, special awareness,			
	materials and processes,			
	Develop skills in design			
	development using working			
	drawing, visual, scale models			
	and prototypes followed by			
	effective presentations of			
	proposed design solutions of			
	exhibitions.			
79.	Interior Design for specific ideas	Lecture	CO3	Quiz &
	and select materials appropriate			End Sem
	to intended			Exam
	purpose and to understand the			-
	visuals, tactile and functional			
	characteristics,			
	Develop an understanding of			
	structures, special awareness,			
	materials and processes,			
	Develop skills in design			
	development using working			
	drawing, visual, scale models			
	and prototypes followed by			
	effective presentations of			
	proposed design solutions of			
	exhibitions.			
80.	Interior Design for specific ideas	Lecture	CO3	Quiz &
	and select materials appropriate			End Sem
	to intended			Exam
	purpose and to understand the			
	visuals, tactile and functional			
	characteristics,			
	Develop an understanding of			
	structures, special awareness,			
	materials and processes,			
	Develop skills in design			
	development using working			
i e	drawing, visual, scale models		1	

	1	Т		
	and prototypes followed by			
	effective presentations of			
	proposed design solutions of			
	exhibitions.			
81.	Space organization in exhibition	Lecture	CO3	Quiz &
	interiors, Surface treatments in			End Sem
	interiors e.g. walls,			Exam
	floors, ceilings etc.			
	Interior details in terms of			
	lighting, services, interior landscape etc, Different types			
	of materials that are available and			
	their uses in interiors.			
82.	Space organization in exhibition	Lecture	CO3	Quiz &
02.	interiors, Surface treatments in	Lecture	CO3	
	interiors e.g. walls,			End Sem
	floors, ceilings etc.			Exam
	Interior details in terms of			
	lighting, services, interior			
	landscape etc, Different types			
	of materials that are available and			
	their uses in interiors.			
83.	Space organization in exhibition	Lecture	CO3	Quiz &
	interiors, Surface treatments in			End Sem
	interiors e.g. walls,			Exam
	floors, ceilings etc.			
	Interior details in terms of			
	lighting, services, interior			
	landscape etc, Different types			
	of materials that are available and their uses in interiors.			
84.	Space organization in exhibition	Lecture	CO3	Quiz &
04.	interiors, Surface treatments in	Lecture	CO3	,
	interiors e.g. walls,			End Sem
	floors, ceilings etc.			Exam
	Interior details in terms of			
	lighting, services, interior			
	landscape etc, Different types			
	of materials that are available and			
	their uses in interiors.			
85.	Space organization in exhibition	Lecture	CO3	Quiz &
	interiors, Surface treatments in			End Sem
	interiors e.g. walls,			Exam
	floors, ceilings etc.			
	Interior details in terms of			
	lighting, services, interior			
	landscape etc, Different types			
	of materials that are available and their uses in interiors.			
86.	Space organization in exhibition	Lecture	CO3	Quiz &
ου.	interiors, Surface treatments in	Lecture	(03	
	interiors e.g. walls,			End Sem
	floors, ceilings etc.			Exam
1	, 0	I.	1	1

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	Interior details in terms of			
	lighting, services, interior			
	landscape etc, Different types			
	of materials that are available and			
	their uses in interiors.			
87.	Space organization in exhibition	Lecture	CO3	Quiz &
	interiors, Surface treatments in			End Sem
	interiors e.g. walls,			Exam
	floors, ceilings etc.			
	Interior details in terms of			
	lighting, services, interior			
	landscape etc, Different types			
	of materials that are available and			
	their uses in interiors.			
88.	Layout and Constructional	Lecture	CO3	Quiz &
	details of furniture units,			End Sem
	Application of color, texture,			Exam
	pattern and their psychological			
	effects in interiors, Drawing of			
	interiors in 2D and			
	3D views to understand the			
	space design.			
	Interior Model of the space with			
	all furniture, interior details in place and interior			
	1 -			
	finishes with different colors, Textures.			
89.	Layout and Constructional	Lecture	CO3	Quiz &
65.	details of furniture units,	Lecture	C03	End Sem
	Application of color, texture,			
	pattern and their psychological			Exam
	effects in interiors, Drawing of			
	interiors in 2D and			
	3D views to understand the			
	space design.			
	Interior Model of the space with			
	all furniture, interior details in			
	place and interior			
	finishes with different colors,			
	Textures.			
90.	Layout and Constructional		CO3	Lecture
	details of furniture units,			
	Application of color, texture,			
	pattern and their psychological			
	effects in interiors, Drawing of			
	interiors in 2D and			
	3D views to understand the			
	space design.			
	Interior Model of the space with			
	all furniture, interior details in			
	place and interior finishes with different colors,			
	ι μπικήρε with απτρέρητ colore	i .	I	ı
	Textures.			

F. Course Articulation Matrix (Mapping of COs with POs)

СО	STATEMENT		COF	RREL			/ITH COM		GRA	MMI	E			PRO	GRAM	ION V IME OUTCC		
		P O 1	P O 2	P O 3	P O 4	P O 5	P O 6	P O 7	P O 8	P O 9	P O 1	P O 1	P O 1	PS O1	PS O2	PS O3	PS 04	PS 05
CO 01	The different types of exhibition and presentation spaces and the interior design requirements related to them.	3	3	3	3	2	2	2	3	3	2	1	2	3	1	3	3	-
CO 02	he objective of the course is to introduce the students with the different types of exhibition and presentation spaces and the interior design requirements related to them.																	
CO 03	The course should involve different design ideas and schemes to represent the designing of exhibition spaces, as these are the prime area of designing emerging in the modern world	3	3	3	3	2	2	2	3	3	2	1	2	3	1	3	3	-

Sample Question Paper

Amity School of Architecture & Planning
I MID-SEMESTER (SEM –IV) 2021-22

	Class: BID IV Semester									
Subject Name: BID 401 Interior Design Studio – IV		Time: 2 Hrs			Ma	Max. Marks: 10				
Levels of the questions as per Blooms Taxonomy		Understanding	Applying	Analyz	zing	Evaluating	Creating			
Question Mapping	Q.1,4	Q.2,3	Q.4	Q.2,5,	6					

Student will be able to

 ${\bf CO1: List\ the\ broad\ perceptive\ of\ cloud\ architecture\ and\ model}.$

CO2: Apply different cloud programming models as per need.

CO Map	Question No.	Question	Marks
CO1	Q.1	Explain in brief the cloud computing concept.	3
CO1	Q.2a	What are the essential characteristics of cloud computing?	3
	Q.2b	How is cloud computing requirements and cloud servicerequirement services related to each other?	3
CO1	Q.3	Sketch NIST Cloud Computing Reference Architecture and depictits elements	6
CO2	Q.4	Explain the significance of Cloud Reference Model	3
602	Q.5a	Elaborate different cloud types with example.	3
CO2	Q.5b	Write characteristics of private cloud.	3
CO2	Q 6	How virtualization is applied in cloud computing scenario?	6

Attainments		Rubric
Level	1	IF 60% of students secure more than 60% marks then level 1
Level	2	IF 70% of students secure more than 60% marks then level 2

Level	3	IF 80% of students secure more than 60% marks then level 3

Course outcome: Based on internal and external assessment the level of Course outcome attainment of the course BID/Course code BID401 is level 2 for the academic year 2021-2022.



AMITY UNIVERSITY MADHYA PRADESH, GWALIOR AMITY SCHOOL OF ARCHITECTURE AND PLANNING DEPARTMENT OF ARCHITECTURE AND PLANNING

PROGRAMME OUTCOMES AND PROGRAMME SPECIFIC OUTCOMES Bachelor of Interior Design (BID), Academic Year – 2021-22

Program Outcomes:

- **PO1. Design Knowledge:** Incorporate a global perspective when making design decisions, based on sustainable, socio-economic, and cultural contexts.
- PO2. Problem Analysis: Apply theories of human behaviour to human-centered design solutions.
- **PO3.** Design/Development of Solutions: Apply the design process to generate creative solutions to complex problems optimizing the human experience within the interior environment. Apply theory, psychology, and methodology of color to designs of the interior environment.
- **PO4. Individual and Team Work:** Collaborate in multi-disciplinary teams respecting a variety of points of view and perspectives that enrich the process and product of the team.
- **PO5. Communication:** Communicate complex ideas clearly to specialists and non-specialists through appropriate oral, written, and representational media.
- **PO6. Life Long Learning:** Exemplify accepted standards of professionalism and business practice including a commitment to engage in lifelong learning.
- **PO7. Context and Society:** Analyze interiors, architecture, the decorative arts, and art within a historical and cultural context to inform contemporary design solutions that relate with the society for whom the design solution is to be provided.
- **PO8. Synthesis of Concepts:** Synthesize theories and concepts of spatial definition and organization into multi-dimensional design solutions.
- **PO9. Modern Technique usage:** Specify furniture, fixtures, and equipment's of finish materials to meet the design criteria for a variety of interior spaces.
- **PO10.** Environment and Sustainability: Apply principles of lighting, acoustics, thermal comfort, and indoor air quality as required to enhance the health, safety, welfare, and performance of building occupants for overall sustainable development of the individuals.
- PO11. Ethics: Comply with laws, codes, and standards that impact fire safety and life safety.

PO12. Project/Construction Management: Produce construction drawings and documents using industry standards for a variety of interior spaces. Employ environment-behaviour research methodologies to address open-ended problems in interior design.

Program Specific Outcome:

As part of the school's charter and mission, Amity School of Architecture and Planning is providing a vibrant planning environment, ensuring its under-graduates are not only valued by the planning practice, but are also able to:

PSO1. Demonstrate critical thinking as they identify, analyze, and solve interior architecture and design problems through completion of interior design studio projects. Apply creative and critical thinking to solve interior environment problems from a human-cantered approach and apply this knowledge to design solutions.

PSO2. Demonstrate preparation for global design practice by incorporating cultural norms of user populations and applying that knowledge to design solutions that support globally diverse end users.

PSO3. Demonstrate effective visual, verbal, and written communication.

PSO4. Apply ethical and professional practices.

PSO5. Demonstrate social responsibility by designing sustainable interior environments that support indoor environmental quality and improve the quality of life for occupants.

PSO6. Engage in integrative professional design practice by contributing interior architecture and design expertise to collaborative design teams.

Note: - Correlation levels 1, 2 and 3 as defined below:

1: Slight (Low), 2: Moderate (Medium) and 3: Substantial (High)

If there is no correlation, put "-"

						P	ROG	iRAN	1ME	ARTI	CULA	TIOI	N MA	ATRIX	(
SEM	SUBJECT CODE	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12	PO 13	PO 14	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5	PSO 6
	BID101	3	3	3	3	2	1	2	3	3	1	1	3	3	1	3	3	-	-	2	-
	BID102	2	2	3	2	2	1	-		1	2	2	2	-	1	1	3	-	-	-	-
	BID103	2	2	1	-	3	1	2	3	3	2	1	1	2	2	3	3	1	-	-	-
I	BID104	1	1	1	2	-	-	-	2	-	-	-	2	-	-	1	1	-	-	-	-
	BID105	3	2	3	2	1	1	2	3	1	2	-	3	-	1	3	3	-	-	2	-
	BID106	-	1	-	-	-	-	3	2	-	-	-	-	-	1	1	1	-	-	-	-
	BID107	3	2	3	3	1	1	3	-	3	3	-	3	2	3	3	3	3	-	-	-
	BID201	3	2	3	3	2	2	2	3	3	1	1	3	3	1	3	3	-	-	2	-
	BID202	3	1	3	2	2	2	-	1	1	1	3	3	2	1	1	2	-	-	-	-
	BID203	2	2	1	1	3	2	2	3	3	2	1	2	2	1	3	3	1	-	2	-
П	BID204	1	3	1	-	-	-	-	1	1	-	-	2	-	1	1	1	-	-	-	-
	BID205	-	1	3	3	1	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-
	BID206	-	1	-	-	-	-	3	3	3	-	-	-	-	-	1	3	-	-	-	-
	BID207	3	-	1	3	1	1	-	1	3	3	3	3	3	3	3	3	3	-	-	-
	BID301	3	3	3	3	2	2	2	3	3	1	1	2	3	1	3	3	-	-	2	-
	BID302	2	-	3	2	2	2	-	1	1	1	2	2	2	1	1	1	-	-	-	-
	BID303	2	2	2	2	-	3	2	-	1	-	-	-	2	-	1	1	-	-	-	-
Ш	BID304	3	3	-	-	3	-	-	3	3	-	-	-	-	-	1	1	-	-	-	-
	BID305	-	1	3	3	1	2	-	-	-	-	-	-	-	-	1	-	-	-	-	-
	BID306	-	1	-	-	2	-	3	3	3	-	-	-	-	-	-	-	-	-	-	-
	BID307	1	3	1	-	3	-	-	3	3	-	-	-	-	3	-	-	-	-	2	-
	BID401	3	3	3	3	2	2	2	3	3	2	1	2	3	1	3	3	-	-	2	-
	BID402	2	1	3	2	2	2	-	1	-	2	1	2	3	1	1	1	-	-	2	-
	BID403	2	2	2	3	1	2	1	1	-	-	-	-	2	-	3	1	-	-	2	-
IV	BID404	3	1	2	3	1	2	1	1	-	1	2	2	2	-	1	1	-	-	2	-
	BID405	3	1	1	1	1	1	-	3	3	3	2	2	1	1	3	3	-	-	-	-
	BID406	3	3	3	3	3	2	3	2	3	3	2	3	-	-	1	3	-	-	2	-
	BID407	3	2	3	3	2	2	2	2	3	3	-	-	-	1	1	3	-	-	-	-
	BID501	3	3	3	3	2	2	2	3	3	3	1	2	3	1	3	1	-	-	2	-
	BID502	2	1	3	2	2	2	-	1	-	1	1	2	3	1	1	1	-	-	-	-
V	BID503	2	1	2	3	-	3	-	1	-	-	3	-	2	3	3	1	-	-	2	-
V	BID504	2	1	1	3	-	3	-	-	-	-	3	-	2	3	3	1	-	-	2	-
	BID505	1	1	ı	-	1	-	3	3	3	-	-	1	-	3	1	1	3	-	-	-
	BID506	3	3	3	3	2	2	3	3	2	3	3	3	3	1	3	3	-	-	2	-
	BID601	3	3	3	3	2	2	2	3	3	3	3	1	3	1	3	3	-	-	2	-
	BID602	1	-	3	3	2	2	2	3	3	-	2	1	-	-	3	3	3	-	-	-
	BID603	3	3	2	2	1	1	1	3	3	1	2	2	2	3	3	3	-	-	-	-
VI	BID604	3	2	3	3	2	2	2	3	3	3	2	3	3	-	3	3	-	-	2	-
	BID605	2	-	1	3	-	-	-	-	-	-	-	-	-	3	3	-	-	-	-	-
	BID606	3	2	3	3	1	2	2	3	3	-	3	-	-	-	3	2	-	-	-	-
	BID607	2	3	3	3	1	2	2	3	3	1	-	-	-	3	3	2	-	-	-	-
VII	BID701	3	3	3	3	2	3	-	3	2	1	-	3	3	3	3	ı	-	-	2	-
VIII	BID 801	3	3	3	3	2	2	2	3	3	1	3	2	3	3	3	3	-	-	2	-

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BID 802	-	-	-	-	1	1	-	1	-	-	-	-	3	3	2	3	3	3	-	3
BID 803	1	-	2	1	1	2	-	2	1	-	1	-	2	3	2	1	2	-	-	-
BID 804	3	1	2	2	2	1	-	2	2	1	-	2	-	-	-	1	-	-	-	-
BID 805	1	3	1	1	2	1	2	1	2	1	1	-	2	1	2	-	-	-	-	-

DEPARTMENT OF ARCHITECTURE & PLANNING

Course Handout

Course :: Materials and Construction Techniques – III

Course Code: BID 402, Crédits: 03, Session: 2021-22 (Even Sem.), Class: BID 2nd Year

Faculty Name: Ar. Manish Kumar Chitranshi

Introduction:

The course will use a mix of drawings, Presentations & hands on workshop. Participants are

encouraged to engage in active interaction through classroom participation.

A. Course Outcomes: At the end of the course, students will be able to:

CO1: Familiarize the students with advanced and speedy building techniques. The understanding for the system to be adopted for the construction of large span structures.

CO2: To introduce and familiarize the students with advanced and speedy building techniques

CO3: The understanding for the system to be adopted for the construction of large span structures.

B. Programme Outcomes:

- **PO1. Design Knowledge:** Incorporate a global perspective when making design decisions, based on sustainable, socio-economic, and cultural contexts.
- **PO2. Problem Analysis:** Apply theories of human behaviour to human-centered design solutions.
- **PO3. Design/Development of Solutions:** Apply the design process to generate creative solutions to complex problems optimizing the human experience within the interior environment. Apply theory, psychology, and methodology of color to designs of the interior environment.
- PO4. Individual and Team Work: Collaborate in multi-disciplinary teams respecting a

- variety of points of view and perspectives that enrich the process and product of the team.
- **PO5. Communication:** Communicate complex ideas clearly to specialists and non-specialists through appropriate oral, written, and representational media.
- **PO6. Life Long Learning:** Exemplify accepted standards of professionalism and business practice including a commitment to engage in lifelong learning.
- **PO7. Context and Society:** Analyze interiors, architecture, the decorative arts, and art within a historical and cultural context to inform contemporary design solutions that relate with the society for whom the design solution is to be provided.
- **PO8. Synthesis of Concepts:** Synthesize theories and concepts of spatial definition and organization into multi-dimensional design solutions.
- **PO9. Modern Technique usage:** Specify furniture, fixtures, and equipment's of finish materials to meet the design criteria for a variety of interior spaces.
- **PO10. Environment and Sustainability:** Apply principles of lighting, acoustics, thermal comfort, and indoor air quality as required to enhance the health, safety, welfare, and performance of building occupants for overall sustainable development of the individuals.
- **PO11. Ethics:** Comply with laws, codes, and standards that impact fire safety and life safety.
- **PO12. Project/Construction Management:** Produce construction drawings and documents using industry standards for a variety of interior spaces. Employ environment-behaviour research methodologies to address open-ended problems in interior design.

C. Programme Specific Outcomes:

As part of the school's charter and mission, Amity School of Architecture and Planning is providing a vibrant planning environment, ensuring its undergraduates are not only valued by the planning practice, but are also able to:

- **PSO1.** Demonstrate critical thinking as they identify, analyze, and solve interior architecture and design problems through completion of interior design studio projects. Apply creative and critical thinking to solve interior environment problems from a human-cantered approach and apply this knowledge to design solutions.
- **PSO2.** Demonstrate preparation for global design practice by incorporating cultural norms of user populations and applying that knowledge to design solutions that support globally diverse end users.
- **PSO3.** Demonstrate effective visual, verbal, and written communication.

PSO4. Apply ethical and professional practices.

PSO5. Demonstrate social responsibility by designing sustainable interior environments that support indoor environmental quality and improve the quality of life for occupants.

PSO6. Engage in integrative professional design practice by contributing interior architecture and design expertise to collaborative design teams.

Assessment Plan:

Component	Description	Code	Weightage
of Evaluation			%
Continuous Internal	Mid Term	СТ	10%
Evaluation	Seminar/Quiz/	S/Q/A	15%
	Assignment		
Attendance	A minimum of 75%	Α	5%
	Attendance is required to be		
	maintained by a studentto be		
	qualified for taking up the End		
	Semester examination. The		
	allowance of 25% includes all		
	types of leaves		
	including medical leaves.		
End Semester	End Semester	EE	70%
Examination	(Viva-Voce)		
Total			100%

D. Syllabus

Module I: Reinforced Cement Concrete

Descriptors/Topics

Reinforced Cement Concrete: Types, Mixing, Curing, Water Cement Ratio, and reinforced Brick Concrete, Qualities and workability

Module II: Prefabrication

Descriptors/Topics

Systems- open prefab system, large panel prefab system, joints, pre-casting methods, materials, on – site and off- site prefabrication, components etc.

Module III: False Ceilings

Descriptors/Topics

Introduction to false ceiling with all kind of materials, types and fixing methods.

Module IV: Steel/ Aluminum/Pre-fabrication windows

Descriptors/Topics

Steel casement windows with fixtures, fittings and methods of fixing.

Module V: Glazing

Descriptors/Topics

Skylights, Curtain walls, Double glazing, Eco Boards, wood and its products.

Module VI: Miscellaneous finishes

Descriptors/Topics

Flyash, Ceramics, Plastics, Rubber,

Module VII: Commercial Interior, Office Interior, Industrial Interiors

Descriptors/Topics

Structural steel works, Portal Frame Construction Techniques and construction materials. **Design problem**

Descriptors/Topics

The course should involve different design ideas and schemes to represent the designing of exhibition spaces, as these are the prime area of designing emerging in the modern world

Components	Attendance	Mid-Term	Assignment	EE
Weightage (%)	5	10	15	70

CT: Class Test, A: Assignment, S/V/Q: Seminar/Viva/Quiz, EE: End Semester Examination; A: Attendance

Text Reading:

- [1] A VisualDictionary of Architecture, Francis D.K. Ching
- [2] Interior design illustrated, Francis D.K. Ching
- [3] House Book (The Complete Guide to Home Design), Terence Conran
- [4] Masonry (Concrete, Brick, Stone), Christine Beall
- [5] Metric Handbook (Planning & Design Data) 2nd Ed. Edited By, David Adler

References:

Window Fashion, Charles T. Randall

- □ Illustration + Perspectives (In Pantone Colors), Eiji Mitooka
- □ Elements of Architecture Meiss Pieree Von
- □ Architecture: Form, Space and Order Francis D.K. Ching
- □ The Construction of Building Vol- 1 to 5, R. Barry
- □ Building Construction, N.L. Arora &, B.R. Gupta
- Interior Detail 1 (Residence), Jeong, Kwang Young
- □ Interior Spaces Vol 6 (A Pictorial Review), Image Publishing Group

E. Lecture Plan

Lect	Topics	Mode	Correspon	Mode of
ure		of	ding CO	Assessing
		Delivery		СО
1.	Reinforced Cement Concrete:	Lecture	CO1	Mid Term-
	Types, Mixing, Curing, Water			1, Quiz &
	Cement Ratio, and			End Sem
	reinforced Brick Concrete,			Exam
	Qualities and			
	workabilityDesign			
	problem Introduction			
2.	Reinforced Cement Concrete:	Lecture	CO1	Mid Term-
	Types, Mixing, Curing, Water			1, Quiz &
	Cement Ratio, and			End Sem
	reinforced Brick Concrete, Qualities and			Exam
	workabilityDesign			
	problem Introduction			
3.	Reinforced Cement Concrete:	Lecture	CO1	Mid Term-
J.	Types, Mixing, Curing, Water	Lecture	CO1	1, Quiz &
	Cement Ratio, and			End Sem
	reinforced Brick Concrete,			Exam
	Qualities and workability			LAGIII
4.	Reinforced Cement Concrete:	Lecture	CO1	Mid Term-
	Types, Mixing, Curing, Water			1, Quiz &
	Cement Ratio, and			End Sem
	reinforced Brick Concrete, Qualities			Exam
5.	and workability Reinforced Cement Concrete:	Lecture	CO1	Mid Term-
٥.	Types, Mixing, Curing, Water	Lecture		1, Quiz &
	Cement Ratio, and			End Sem
	reinforced Brick Concrete,			Exam
	Qualities and			EXAIII
	workabilityDesign			
	problem Introduction			

6.	Reinforced Cement Concrete:	Lecture	CO1	Mid Term-
	Types, Mixing, Curing, Water			1, Quiz &
	Cement Ratio, and			End Sem
	reinforced Brick Concrete,			Exam
	Qualities and workability			
7.	Reinforced Cement Concrete:	Lecture	CO1	Mid Term-
	Types, Mixing, Curing, Water			1, Quiz &
	Cement Ratio, and			End Sem
	reinforced Brick Concrete,			Exam
	Qualities and workability			
8.	Reinforced Cement Concrete:	Lecture	CO1	Mid Term-
	Types, Mixing, Curing, Water			1, Quiz &
	Cement Ratio, and			End Sem
	reinforced Brick Concrete,			Exam
_	Qualities and workability			
9.	Reinforced Cement Concrete:	Lecture	CO1	Mid Term-
	Types, Mixing, Curing, Water			1, Quiz &
	Cement Ratio, and			End Sem
	reinforced Brick Concrete,			Exam
	Qualities and workability		001	–
10.	Reinforced Cement Concrete:	Lecture	CO1	Mid Term-
	Types, Mixing, Curing, Water			1, Quiz &
	Cement Ratio, and			End Sem
	reinforced Brick Concrete,			Exam
11.	Qualities and workability Systems- open prefab system,	Lecture	CO1	Mid Term-
11.	large panel prefab system,	Lecture	1001	1, Quiz &
	joints, pre-casting			End Sem
	methods, materials, on –			Exam
	site and off- site			Exaiii
	prefabrication,			
	components etc.			
12.	Systems- open prefab system,	Lecture	CO1	Mid Term-
-2.	large panel prefab system,			1, Quiz &
	joints, pre-casting			End Sem
	methods, materials, on –			Exam
	site and off- site			2,3,,,
	prefabrication,			
	components etc.			
13.	Systems- open prefab system,	Lecture	CO1	Mid Term-
	large panel prefab system,			1, Quiz &
	joints, pre-casting			End Sem
	methods, materials, on –			Exam
	site and off- site			
	prefabrication,			
	components etc.			

14.	Systems- open prefab system, large panel prefab system,	Lecture	CO1	Mid Term- 1, Quiz &
	joints, pre-casting methods, materials, on –			End Sem Exam
	site and off- site prefabrication,			
15	components etc.	Locturo	CO1	Mid Torm
15.	Systems- open prefab system, large panel prefab system,	Lecture	CO1	Mid Term-
	joints, pre-casting			1, Quiz & End Sem
	methods, materials, on –			
	site and off- site			Exam
	prefabrication,			
	components etc.			
16.	Systems- open prefab system,	Lecture	CO1	Mid Term-
	large panel prefab system,			1, Quiz &
	joints, pre-casting			End Sem
	methods, materials, on -			Exam
	site and off- site			
	prefabrication,			
	components etc.			
17.	Systems- open prefab system,	Lecture	CO1	Mid Term-
	large panel prefab system,			1, Quiz &
	joints, pre-casting			End Sem
	methods, materials, on –			Exam
	site and off- site			
	prefabrication,			
	components etc.	<u> </u>		2017
18.	Systems- open prefab system,	Lecture	CO1	Mid Term-
	large panel prefab system,			1, Quiz &
	joints, pre-casting methods, materials, on –			End Sem
	site and off- site			Exam
	prefabrication,			
	components etc.			
19.	Systems- open prefab system,	Lecture	CO1	Mid Term-
	large panel prefab system,	20000.0	001	1, Quiz &
	joints, pre-casting			End Sem
	methods, materials, on –			Exam
	site and off- site			
	prefabrication,			
	components etc.			
20.	Systems- open prefab system,	Lecture	CO1	Mid Term-
	large panel prefab system,			1, Quiz &
	joints, pre-casting			End Sem
	methods, materials, on –			Exam
	site and off- site			
	prefabrication,			

	components etc.			
21.	Systems- open prefab system, large panel prefab system, joints, pre-casting methods, materials, on – site and off- site prefabrication, components etc.	Lecture	CO1	Mid Term- 2, Quiz & End Sem Exam
22.	Systems- open prefab system, large panel prefab system, joints, pre-casting methods, materials, on – site and off- site prefabrication, components etc.	Lecture	CO1	Mid Term- 2, Quiz & End Sem Exam
23.	Systems- open prefab system, large panel prefab system, joints, pre-casting methods, materials, on – site and off- site prefabrication, components etc.	Lecture	CO1	Mid Term- 2, Quiz & End Sem Exam
24.	Introduction to false ceiling with all kind of materials, types and fixing methods	Lecture	CO1	Mid Term- 2, Quiz & End Sem Exam
25.	Introduction to false ceiling with all kind of materials, types and fixing methods	Lecture	CO1	Mid Term- 2, Quiz & End Sem Exam
26.	Introduction to false ceiling with all kind of materials, types and fixing methods	Lecture	CO2	Mid Term- 2, Quiz & End Sem Exam
27.	Introduction to false ceiling with all kind of materials, types and fixing methods	Lecture	CO2	Mid Term- 2, Quiz & End Sem Exam
28.	Introduction to false ceiling with all kind of materials, types and fixing methods	Lecture	CO2	Mid Term- 2, Quiz & End Sem Exam
29.	Introduction to false ceiling with all kind of materials, types and fixing methods	Lecture	CO2	Mid Term- 2, Quiz & End Sem Exam
30.	Introduction to false ceiling	Lecture	CO2	Mid Term-

	with all kind of materials,			2, Quiz &
	types and fixing methods			End Sem
	types and minig methods			Exam
31.	Introduction to false ceiling	Lecture	CO2	Mid Term-
51.	with all kind of materials,	Lecture	CO2	
	types and fixing methods			2, Quiz &
	oy poo and mining mountain			End Sem
	Lateral attacks Classically			Exam
32.	Introduction to false ceiling with all kind of materials,	Lecture	CO2	Mid Term-
	types and fixing methods			2, Quiz &
	types and fixing methods			End Sem
				Exam
33.	Introduction to false ceiling	Lecture	CO2	Mid Term-
	with all kind of materials, types and fixing methods			2, Quiz &
	types and fixing methods			End Sem
				Exam
34.	Introduction to false ceiling	Lecture	CO2	Mid Term-
	with all kind of materials,			2, Quiz &
	types and fixing methods			End Sem
				Exam
35.	Introduction to false ceiling	Lecture	CO2	Mid Term-
	with all kind of materials,			2, Quiz &
	types and fixing methods			End Sem
				Exam
36.	Steel casement windows	Lecture	CO2	Mid Term-
	with fixtures, fittings and			2, Quiz &
	methods of fixing			End Sem
				Exam
37.	Steel casement windows	Lecture	CO2	Quiz &
	with fixtures, fittings and			End Sem
	methods of fixing			Exam
38.	Steel casement windows	Lecture	CO2	Quiz &
	with fixtures, fittings and			End Sem
	methods of fixing			Exam
39.	Steel casement windows	Lecture	CO2	Quiz &
	with fixtures, fittings and			End Sem
	methods of fixing			Exam
40.	Skylights, Curtain walls,	Lecture	CO2	Quiz &
	Double glazing, Eco Boards,			End Sem
	wood and its products.			Exam
41.	Skylights, Curtain walls,	Lecture	CO2	Quiz &
	Double glazing, Eco Boards,			End Sem
	wood and its products.			Exam
42.	Steel casement windows	Lecture	CO2	Quiz &
	with fixtures, fittings and			End Sem
	methods of fixing			Exam
43.	Flyash, Ceramics, Plastics,	Lecture	CO2	Quiz &
٦٥.	1 1y doin, der diffico, i labeleo,	LCCLUIE	502	Quiz &

	Rubber			End Sem Exam
44.	Flyash, Ceramics, Plastics, Rubber	Lecture	CO2	Quiz & End Sem Exam
45.	Structural steel works, Portal Frame Construction Techniques and construction materials.	Lecture	CO2	Quiz & End Sem Exam

F. Course Articulation Matrix (Mapping of COs with POs)

СО	STATEMENT		OUTCOMES							CORRELATION WITH PROGRAMME SPECIFIC OUTCOMES								
		P O 1	P O 2	P O 3	P O 4	P O 5	P O 6	P O 7	P O 8	P O 9	P O 1	P O 1	P O 1 2	PS O1	PS O2	PS O3	PS 04	PS 05
CO 01	Familiarize the students with advanced and speedy building techniques. The understanding for the system to be adopted for the construction of large span structures.	2	1	3	2	2	2	-	1	-	2	1	2	3	1	1	1	-
	To introduce and familiarize the students with advanced and speedy building techniques																	
CO 03	The understanding for the system to be adopted for the construction of large span structures.	2	1	3	2	2	2	-	1	-	2	1	2	3	1	1	1	-

Amity School of Architecture & Planning I MID-SEMESTER (SEM –IV) 2021-22 Class: BID IV Semester Subject Name: BID 402 Materials and Construction Techniques – III Amity School of Architecture & Planning I MID-SEMESTER (SEM –IV) 2021-22 Max. Marks: 10

Levels of the questions as per Blooms
Taxonomy

Question Mapping

Remembering Understanding Applying Analyzing Evaluating Creating Creating Creating Q.2,3

Q.2,3

Q.4

Q.2,5,6

Student will be able to

CO1: List the broad perceptive of cloud architecture and model.

CO2: Apply different cloud programming models as per need.

CO Map	Question No.	Question	Marks
CO1	Q.1	Explain in brief the cloud computing concept.	3
CO1	Q.2a	What are the essential characteristics of cloud computing?	3
	Q.2b	How is cloud computing requirements and cloud servicerequirement services related to each other?	3
CO1	Q.3	Sketch NIST Cloud Computing Reference Architecture and depictits elements	6
CO2	Q.4	Explain the significance of Cloud Reference Model	3
CO2	Q.5a	Elaborate different cloud types with example.	3
CO2	Q.5b	Write characteristics of private cloud.	3
CO2	Q6	How virtualization is applied in cloud computing scenario?	6

Attainments		Rubric
Level	1	IF 60% of students secure more than 60% marks then level 1
Level	2	IF 70% of students secure more than 60% marks then level 2
Level	3	IF 80% of students secure more than 60% marks then level 3

Course outcome: Based on internal and external assessment the level of Course outcome attainment of the course BID/Course code BID 402 is level 2 for the academic year 2021-2022.



AMITY UNIVERSITY MADHYA PRADESH, GWALIOR AMITY SCHOOL OF ARCHITECTURE AND PLANNING DEPARTMENT OF ARCHITECTURE AND PLANNING

PROGRAMME OUTCOMES AND PROGRAMME SPECIFIC OUTCOMES Bachelor of Interior Design (BID), Academic Year – 2021-22

Program Outcomes:

- **PO1. Design Knowledge:** Incorporate a global perspective when making design decisions, based on sustainable, socio-economic, and cultural contexts.
- PO2. Problem Analysis: Apply theories of human behaviour to human-centered design solutions.
- **PO3.** Design/Development of Solutions: Apply the design process to generate creative solutions to complex problems optimizing the human experience within the interior environment. Apply theory, psychology, and methodology of color to designs of the interior environment.
- **PO4. Individual and Team Work:** Collaborate in multi-disciplinary teams respecting a variety of points of view and perspectives that enrich the process and product of the team.
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- **PO8. Synthesis of Concepts:** Synthesize theories and concepts of spatial definition and organization into multi-dimensional design solutions.
- **PO9. Modern Technique usage:** Specify furniture, fixtures, and equipment's of finish materials to meet the design criteria for a variety of interior spaces.
- **PO10.** Environment and Sustainability: Apply principles of lighting, acoustics, thermal comfort, and indoor air quality as required to enhance the health, safety, welfare, and performance of building occupants for overall sustainable development of the individuals.
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PSO2. Demonstrate preparation for global design practice by incorporating cultural norms of user populations and applying that knowledge to design solutions that support globally diverse end users.

PSO3. Demonstrate effective visual, verbal, and written communication.

PSO4. Apply ethical and professional practices.

PSO5. Demonstrate social responsibility by designing sustainable interior environments that support indoor environmental quality and improve the quality of life for occupants.

PSO6. Engage in integrative professional design practice by contributing interior architecture and design expertise to collaborative design teams.

Note: - Correlation levels 1, 2 and 3 as defined below:

1: Slight (Low), 2: Moderate (Medium) and 3: Substantial (High)

If there is no correlation, put "-"

	PROGRAMME ARTICULATION MATRIX																				
SEM	SUBJECT CODE	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12	PO 13	PO 14	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5	PSO 6
	BID101	3	3	3	3	2	1	2	3	3	1	1	3	3	1	3	3	-	-	2	-
	BID102	2	2	3	2	2	1	-		1	2	2	2	-	1	1	3	-	-	-	-
	BID103	2	2	1	-	3	1	2	3	3	2	1	1	2	2	3	3	1	-	-	-
- 1	BID104	1	1	1	2	-	-	-	2	-	-	-	2	-	-	1	1	-	-	-	-
	BID105	3	2	3	2	1	1	2	3	1	2	-	3	-	1	3	3	-	-	2	-
	BID106	-	1	-	-	-	-	3	2	-	-	-	-	-	1	1	1	-	-	-	-
	BID107	3	2	3	3	1	1	3	-	3	3	-	3	2	3	3	3	3	-	-	-
	BID201	3	2	3	3	2	2	2	3	3	1	1	3	3	1	3	3	-	-	2	-
	BID202	3	-	3	2	2	2	-	1	1	1	3	3	2	1	1	2	-	-	-	-
	BID203	2	2	1	1	3	2	2	3	3	2	1	2	2	1	3	3	1	-	2	-
П	BID204	1	3	1	-	-	-	-	1	1	-	-	2	-	1	1	1	-	-	-	-
	BID205	1	-	3	3	1	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-
	BID206	1	1	-	-	-	-	3	3	3	-	-	-	-	-	1	3	-	-	-	-
	BID207	3	-	1	3	1	1	-	1	3	3	3	3	3	3	3	3	3	-	-	-
	BID301	3	3	3	3	2	2	2	3	3	1	1	2	3	1	3	3	-	-	2	-
	BID302	2	-	3	2	2	2	-	1	1	1	2	2	2	1	1	1	-	-	-	-
	BID303	2	2	2	2	-	3	2	-	1	-	-	-	2	-	1	1	-	-	-	-
Ш	BID304	3	3	-	-	3	-	-	3	3	-	-	-	-	-	1	1	-	-	-	-
	BID305	1	-	3	3	1	2	-	-	-	-	-	-	-	-	1	-	-	-	-	-
	BID306	1	1	-	-	2	-	3	3	3	-	-	-	-	-	-	-	-	-	-	-
	BID307	1	3	1	-	3	-	-	3	3	-	-	-	-	3	-	-	-	-	2	-
	BID401	3	3	3	3	2	2	2	3	3	2	1	2	3	1	3	3	-	-	2	-
	BID402	2	1	3	2	2	2	-	1	-	2	1	2	3	1	1	1	-	-	2	-
	BID403	2	2	2	3	1	2	1	1	-	-	-	-	2	-	3	1	-	-	2	-
IV	BID404	3	-	2	3	1	2	1	1	-	1	2	2	2	-	1	1	-	-	2	-
	BID405	3	1	1	1	1	1	-	3	3	3	2	2	1	1	3	3	-	-	-	-
	BID406	3	3	3	3	3	2	3	2	3	3	2	3	-	-	1	3	-	-	2	-
	BID407	3	2	3	3	2	2	2	2	3	3	-	-	-	1	1	3	-	-	-	-
	BID501	3	3	3	3	2	2	2	3	3	3	1	2	3	1	3	1	-	-	2	-
	BID502	2	1	3	2	2	2	1	1	-	1	1	2	3	1	1	1	-	-	-	-
V	BID503	2	1	2	3	-	3	1	1	-	-	3	-	2	3	3	1	-	-	2	-
V	BID504	2	1	1	3	-	3	-	-	-	-	3	-	2	3	3	1	-	-	2	-
	BID505	1	1	-	-	1	-	3	3	3	-	-	1	-	3	1	1	3	-	-	-
	BID506	3	3	3	3	2	2	3	3	2	3	3	3	3	1	3	3	-	-	2	-
	BID601	3	3	3	3	2	2	2	3	3	3	3	1	3	1	3	3	-	-	2	-
	BID602	1	-	3	3	2	2	2	3	3	-	2	1	-	-	3	3	3	-	-	-
	BID603	3	3	2	2	1	1	1	3	3	1	2	2	2	3	3	3	-	-	-	-
VI	BID604	3	2	3	3	2	2	2	3	3	3	2	3	3	-	3	3	-	-	2	-
	BID605	2	-	1	3	-	-	-	-	-	-	-	-	-	3	3	-	-	-	-	-
	BID606	3	2	3	3	1	2	2	3	3	-	3	-	-	-	3	2	-	-	-	-
	BID607	2	3	3	3	1	2	2	3	3	1	-	-	-	3	3	2	-	-	-	-
VII	BID701	3	3	3	3	2	3	ı	3	2	1	-	3	3	3	3	ı	-	-	2	-
VIII	BID 801	3	3	3	3	2	2	2	3	3	1	3	2	3	3	3	3	-	-	2	-

			i						i											
BID 802	-	-	-	-	1	1	-	1	-	-	-	-	3	3	2	3	3	3	-	3
BID 803	1	-	2	1	1	2	-	2	1	-	1	-	2	3	2	1	2	-	-	-
BID 804	3	1	2	2	2	1	-	2	2	1	-	2	-	-	-	1	-	-	-	-
BID 805	1	3	1	1	2	1	2	1	2	1	1	-	2	1	2	-	-	-	-	-

DEPARTMENT OF ARCHITECTURE & PLANNING

Course Handout

Course: Building Services - II (Electrical, Fire Fighting & Security)

Course Code: BID 403, Crédits: 03, Session: 2021-22 (Even Sem.), Class: BID 2nd Year

Faculty Name: Ar. Manish Kumar Chitranshi

Introduction:

The course will use a mix of drawings, Presentations & hands on workshop. Participants are encouraged to engage in active interaction through classroom participation.

A. Course Outcomes: At the end of the course, students will be able to:

CO1:The course will use a mix of drawings, Presentations & hands on workshop. Participants are encouraged to engage in active interaction through classroom participation.

CO2: To initiate students into study of artificial and natural lighting

CO3: Introduction of fire regulations, firefighting equipment and life safety systems in terms of theory and its practical implementation in design.

B. Programme Outcomes:

- **PO1. Design Knowledge:** Incorporate a global perspective when making design decisions, based on sustainable, socio-economic, and cultural contexts.
- **PO2. Problem Analysis:** Apply theories of human behaviour to human-centered design solutions.
- **PO3. Design/Development of Solutions:** Apply the design process to generate creative solutions to complex problems optimizing the human experience within the interior environment. Apply theory, psychology, and methodology of color

- to designs of the interior environment.
- **PO4. Individual and Team Work:** Collaborate in multi-disciplinary teams respecting a variety of points of view and perspectives that enrich the process and product of the team.
- **PO5. Communication:** Communicate complex ideas clearly to specialists and non-specialists through appropriate oral, written, and representational media.
- **PO6. Life Long Learning:** Exemplify accepted standards of professionalism and business practice including a commitment to engage in lifelong learning.
- **PO7. Context and Society:** Analyze interiors, architecture, the decorative arts, and art within a historical and cultural context to inform contemporary design solutions that relate with the society for whom the design solution is to be provided.
- **PO8. Synthesis of Concepts:** Synthesize theories and concepts of spatial definition and organization into multi-dimensional design solutions.
- **PO9. Modern Technique usage:** Specify furniture, fixtures, and equipment's of finish materials to meet the design criteria for a variety of interior spaces.
- **PO10. Environment and Sustainability:** Apply principles of lighting, acoustics, thermal comfort, and indoor air quality as required to enhance the health, safety, welfare, and performance of building occupants for overall sustainable development of the individuals.
- **PO11. Ethics:** Comply with laws, codes, and standards that impact fire safety and life safety.
- **PO12. Project/Construction Management:** Produce construction drawings and documents using industry standards for a variety of interior spaces. Employ environment-behaviour research methodologies to address open-ended problems in interior design.

C. Programme Specific Outcomes:

As part of the school's charter and mission, Amity School of Architecture and Planning is providing a vibrant planning environment, ensuring its undergraduates are not only valued by the planning practice, but are also able to:

- **PSO1.** Demonstrate critical thinking as they identify, analyze, and solve interior architecture and design problems through completion of interior design studio projects. Apply creative and critical thinking to solve interior environment problems from a human-cantered approach and apply this knowledge to design solutions.
- **PSO2.** Demonstrate preparation for global design practice by incorporating cultural norms of user populations and applying that knowledge to design

solutions that support globally diverse end users.

PSO3. Demonstrate effective visual, verbal, and written communication.

PSO4. Apply ethical and professional practices.

PSO5. Demonstrate social responsibility by designing sustainable interior environments that support indoor environmental quality and improve the quality of life for occupants.

PSO6. Engage in integrative professional design practice by contributing interior architecture and design expertise to collaborative design teams.

Assessment Plan:

Component	Description	Code	Weightage
of Evaluation			%
Continuous Internal	Mid Term	СТ	10%
Evaluation	Seminar/Quiz/	S/Q/A	15%
	Assignment		
Attendance	A minimum of 75%	Α	5%
	Attendance is required to be		
	maintained by a studentto be		
	qualified for taking up the End		
	Semester examination. The		
	allowance of 25% includes all		
	types of leaves		
	including medical leaves.		
End Semester	End Semester	EE	70%
Examination	(Viva-Voce)		
Total			100%

D. Syllabus

Module I: Natural/artificial lighting

Descriptors/Topics

Natural/artificial lighting, Lighting of spaces, Lighting Equipment, Lighting conditions, Various systems of lighting

Module II: Internal/external wiring

Descriptors/Topics

Methods of Internal / external wiring, Branch distribution boards, Lighting layout, fittings and fixtures.

Module III: Fire Regulations

Descriptors/Topics

Fire resistant and fire retardants materials and their application

Module IV: Firefighting Equipment

Descriptors/Topics

Firefighting Equipment, Fire resistant and methods to use, Code of Safety, fire regulations, fire insurance.

Wet risers, dry risers, sprinklers, smoke detectors, fire exists, water curtains.

Module V: Life Safety Systems

Descriptors/Topics

Intelligent interior consists of the use of high technology to maximize the performance of fire alarms and security systems while at the same time minimizing costs.

Components	Attendance	Mid-Term	Assignment	EE
Weightage (%)	5	10	15	70

CT: Class Test, A: Assignment, S/V/Q: Seminar/Viva/Quiz, EE: End Semester Examination; A: Attendance

Text Reading: Text Reading:

[1]

Air Conditioning, S. Shah

[2]

The Construction of Building Vol - 1 to 5, R. Barry

[3]

Drywall(Pro Tips for Hanging& Finishing), John D. Wagner

[4]

Graphic Interiors (Space Designed by Graphic Artists), Corina Dean

[5]

Interior design illustrated, Francis D.K. Ching

[6]

Graphic Interiors (Space Designed by Graphic Artists), Corina Dean

References:

- Building Construction, N.L. Arora &, B.R. Gupta
- Building Services, Anthony Rowley
- A.J. Metric Handbook, Jan Bilwa and Leslie Fair weather
- Architectural Graphic standards, Boaz Joseph
- The Curtain Book, Mitchll Beazlty
- Illustration + Perspectives (In Pantone Colors), Eiji Mitooka

Lecture	Topics	Mode of	Correspon ding CO	Mode of Assessing
		Delivery		СО
1.	Natural/artificial lighting, Lighting of spaces, Lighting Equipment, Lighting conditions, Various systems of lighting	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
2.	Natural/artificial lighting, Lighting of spaces, Lighting Equipment, Lighting conditions, Various systems of lighting	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam

3.	Natural/artificial lighting, Lighting of spaces, Lighting Equipment, Lighting conditions, Various systems of lighting	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
4.	Natural/artificial lighting, Lighting of spaces, Lighting Equipment, Lighting conditions, Various systems of lighting	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
5.	Natural/artificial lighting, Lighting of spaces, Lighting Equipment, Lighting conditions, Various systems of lighting	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
6.	Natural/artificial lighting, Lighting of spaces, Lighting Equipment, Lighting conditions, Various systems of lighting	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
7.	Natural/artificial lighting, Lighting of spaces, Lighting Equipment, Lighting conditions, Various systems of lighting	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
8.	Natural/artificial lighting, Lighting of spaces, Lighting Equipment, Lighting	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam

	conditions, Various systems of lighting			
9.	Natural/artificial lighting, Lighting of spaces, Lighting Equipment, Lighting conditions, Various systems of lighting	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
10.	Methods of Internal/ external wiring, Branch distribution boards, Lighting layout, fittings and fixtures.	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
11.	Methods of Internal/ external wiring, Branch distribution boards, Lighting layout, fittings and fixtures.	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
12.	Methods of Internal/ external wiring, Branch distribution boards, Lighting layout, fittings and fixtures.	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
13.	Methods of Internal/ external wiring, Branch distribution boards, Lighting layout, fittings and fixtures.	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
14.	Methods of Internal/ external wiring, Branch distribution boards, Lighting layout, fittings and fixtures.	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam

15.	Methods of Internal/ external wiring, Branch distribution boards, Lighting layout, fittings and fixtures.	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
16.	Methods of Internal/ external wiring, Branch distribution boards, Lighting layout, fittings and fixtures.	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
17.	Methods of Internal/ external wiring, Branch distribution boards, Lighting layout, fittings and fixtures.	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
18.	Fire resistant and fire retardants materials and their application	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
19.	Fire resistant and fire retardants materials and their application	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
20.	Fire resistant and fire retardants materials and their application Fire resistant and fire retardants materials and their application	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
21.	Fire resistant and fire retardants materials and their application	Lecture	CO1	Mid Term- 2, Quiz & End Sem Exam

22.	Fire resistant and fire retardants materials and their application	Lecture	CO1	Mid Term- 2, Quiz & End Sem Exam
23.	Fire resistant and fire retardants materials and their application	Lecture	CO1	Mid Term- 2, Quiz & End Sem Exam
24.	Fire resistant and fire retardants materials and their application	Lecture	CO1	Mid Term- 2, Quiz & End Sem Exam
25.	Fire resistant and fire retardants materials and their application	Lecture	CO1	Mid Term- 2, Quiz & End Sem Exam
26.	Fire resistant and fire retardants materials and their application	Lecture	CO2	Mid Term- 2, Quiz & End Sem Exam
27.	Fire resistant and fire retardants materials and their application	Lecture	CO2	Mid Term- 2, Quiz & End Sem Exam
28.	Firefighting Equipment, Fire resistant and methods to use, Code of Safety, fire regulations, fire insurance. Wet risers, dry risers, sprinklers, smoke detectors, fire exists, water curtains.	Lecture	CO2	Mid Term- 2, Quiz & End Sem Exam
29.	Firefighting Equipment, Fire resistant and methods to use, Code of Safety, fire regulations, fire insurance.	Lecture	CO2	Mid Term- 2, Quiz & End Sem Exam

30.	Wet risers, dry risers, sprinklers, smoke detectors, fire exists, water curtains. Firefighting Equipment, Fire	Lecture	CO2	Mid Term-
30.	resistant and methods to use, Code of Safety, fire regulations, fire insurance. Wet risers, dry risers, sprinklers, smoke detectors, fire exists, water curtains.			2, Quiz & End Sem Exam
31.	Firefighting Equipment, Fire resistant and methods to use, Code of Safety, fire regulations, fire insurance. Wet risers, dry risers, sprinklers, smoke detectors, fire exists, water curtains.	Lecture	CO2	Mid Term- 2, Quiz & End Sem Exam
32.	Firefighting Equipment, Fire resistant and methods to use, Code of Safety, fire regulations, fire insurance. Wet risers, dry risers, sprinklers, smoke detectors, fire exists, water curtains.	Lecture	CO2	Mid Term- 2, Quiz & End Sem Exam
33.	Firefighting Equipment, Fire resistant and methods to use, Code of Safety, fire regulations, fire insurance. Wet risers, dry risers, sprinklers, smoke detectors, fire exists, water curtains.	Lecture	CO2	Mid Term- 2, Quiz & End Sem Exam

34.	Firefighting Equipment, Fire resistant and methods to use, Code of Safety, fire regulations, fire insurance. Wet risers, dry risers, sprinklers, smoke detectors, fire exists, water curtains.	Lecture	CO2	Mid Term- 2, Quiz & End Sem Exam
35.	Firefighting Equipment, Fire resistant and methods to use, Code of Safety, fire regulations, fire insurance. Wet risers, dry risers, sprinklers, smoke detectors, fire exists, water curtains.	Lecture	CO2	Mid Term- 2, Quiz & End Sem Exam
36.	Firefighting Equipment, Fire resistant and methods to use, Code of Safety, fire regulations, fire insurance. Wet risers, dry risers, sprinklers, smoke detectors, fire exists, water curtains.	Lecture	CO2	Mid Term- 2, Quiz & End Sem Exam
37.	Intelligent interior consists of the use of high technology to maximize the performance of fire alarms and security systems while at the same time minimizing costs.	Lecture	CO2	Quiz & End Sem Exam

38.	Intelligent interior consists of the use of high technology to maximize the performance of fire alarms and security systems while at the same time minimizing costs.	Lecture	CO2	Quiz & End Sem Exam
39.	Intelligent interior consists of the use of high technology to maximize the performance of fire alarms and security systems while at the same time minimizing costs.	Lecture	CO2	Quiz & End Sem Exam
40.	Intelligent interior consists of the use of high technology to maximize the performance of fire alarms and security systems while at the same time minimizing costs.	Lecture	CO2	Quiz & End Sem Exam
41.	Intelligent interior consists of the use of high technology to maximize the performance of fire alarms and security systems while at the same time minimizing costs.	Lecture	CO2	Quiz & End Sem Exam
42.	Intelligent interior consists of the use of high technology to maximize the	Lecture	CO2	Quiz & End Sem Exam

	performance of fire alarms and security systems while at the same time minimizing costs.			
43.	Intelligent interior consists of the use of high technology to maximize the performance of fire alarms and security systems while at the same time minimizing costs.	Lecture	CO2	Quiz & End Sem Exam
44.	Intelligent interior consists of the use of high technology to maximize the performance of fire alarms and security systems while at the same time minimizing costs.	Lecture	CO2	Quiz & End Sem Exam
45.	Intelligent interior consists of the use of high technology to maximize the performance of fire alarms and security systems while at the same time minimizing costs.	Lecture	CO2	Quiz & End Sem Exam

E. Course Articulation Matrix (Mapping of COs with POs)

CO	STATEMENT	CORRELATION WITH PROGRAMME	CORRELATION WITH
		OUTCOMES	PROGRAMME
			SPECIFIC OUTCOMES

		Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	PS	PS	PS	PS	PS
		0	0	0	0	0	0	0	0	0	0	0		01	02	03	04	05
		1	2	3	4	5	6	7	8	9	1	1	1					
											0	1	2					
CO 01	The course will use a mix of drawings, Presentations & hands on workshop. Participants are encouraged to engage in active interaction through classroom participation.	2	2	2	3	1	2	1	1	-	-	-	-	2	-	3	1	-
CO 02	To initiate student into study of artificial and natural lighting																_	
CO 03	introduction of fire regulations, firefighting equipment and life safety systems in terms of theory and its practical implementation in design.	2	2	2	3	1	2	1	1	-	-	-	-	2	-	3	1	

Sample Question Paper

Amity School of Architecture & Planning I MID-SEMESTER (SEM –VI) 2021-22									
Class: BID IV Semester									
Subject Name: BID 403	Time: 2 Hrs	Max. Marks: 10							
Building Services - II									
(Electrical, Fire Fighting & Security)									

Levels of the questions as per Blooms Taxonomy	Remembering	Understanding	Applying	Analyzing	Evaluating	Creating
Question Mapping	Q.1,4	Q.2,3	Q.4	Q.2,5,6		

Student will be able to

CO1: List the broad perceptive of cloud architecture and model. CO2: Apply different cloud programming models as per need.

СО Мар	Question No.	Question	Marks
CO1	Q.1	Explain in brief the cloud computing concept.	3
CO1	Q.2a	What are the essential characteristics of cloud computing?	3
	Q.2b	How is cloud computing requirements and cloud servicerequirement services related to each other?	3
CO1	Q.3	Sketch NIST Cloud Computing Reference Architecture and depictits elements	6
CO2	Q.4	Explain the significance of Cloud Reference Model	3
CO2	Q.5a	Elaborate different cloud types with example.	3
COZ	Q.5b	Write characteristics of private cloud.	3
CO2	Q6	How virtualization is applied in cloud computing scenario?	6

Attainments		Rubric								
Level	1	IF 60% of students secure more than 60% marks then level 1								
Level	2	IF 70% of students secure more than 60% marks then level 2								
Level	3	IF 80% of students secure more than 60% marks then level 3								

Course outcome: Based on internal and external assessment the level of Course outcome attainment of the course BID/Course code BID 403 is level 2 for the academic year 2021-2022.

AMITY UNIVERSITY MADHYA PRADESH, GWALIOR AMITY SCHOOL OF ARCHITECTURE AND PLANNING DEPARTMENT OF ARCHITECTURE AND PLANNING

PROGRAMME OUTCOMES AND PROGRAMME SPECIFIC OUTCOMES Bachelor of Interior Design (BID), Academic Year – 2021-22

Program Outcomes:

- **PO1. Design Knowledge:** Incorporate a global perspective when making design decisions, based on sustainable, socio-economic, and cultural contexts.
- PO2. Problem Analysis: Apply theories of human behaviour to human-centered design solutions.
- **PO3.** Design/Development of Solutions: Apply the design process to generate creative solutions to complex problems optimizing the human experience within the interior environment. Apply theory, psychology, and methodology of color to designs of the interior environment.
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- **PO9. Modern Technique usage:** Specify furniture, fixtures, and equipment's of finish materials to meet the design criteria for a variety of interior spaces.
- **PO10.** Environment and Sustainability: Apply principles of lighting, acoustics, thermal comfort, and indoor air quality as required to enhance the health, safety, welfare, and performance of building occupants for overall sustainable development of the individuals.
- PO11. Ethics: Comply with laws, codes, and standards that impact fire safety and life safety.

PO12. Project/Construction Management: Produce construction drawings and documents using industry standards for a variety of interior spaces. Employ environment-behaviour research methodologies to address open-ended problems in interior design.

Program Specific Outcome:

As part of the school's charter and mission, Amity School of Architecture and Planning is providing a vibrant planning environment, ensuring its under-graduates are not only valued by the planning practice, but are also able to:

PSO1. Demonstrate critical thinking as they identify, analyze, and solve interior architecture and design problems through completion of interior design studio projects. Apply creative and critical thinking to solve interior environment problems from a human-cantered approach and apply this knowledge to design solutions.

PSO2. Demonstrate preparation for global design practice by incorporating cultural norms of user populations and applying that knowledge to design solutions that support globally diverse end users.

PSO3. Demonstrate effective visual, verbal, and written communication.

PSO4. Apply ethical and professional practices.

PSO5. Demonstrate social responsibility by designing sustainable interior environments that support indoor environmental quality and improve the quality of life for occupants.

PSO6. Engage in integrative professional design practice by contributing interior architecture and design expertise to collaborative design teams.

Note: - Correlation levels 1, 2 and 3 as defined below:

1: Slight (Low), 2: Moderate (Medium) and 3: Substantial (High)

If there is no correlation, put "-"

						P	ROG	RAN	1ME	ARTI	CULA	TIOI	N MA	ATRIX	(
SEM	SUBJECT CODE	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12	PO 13	PO 14	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5	PSO 6
	BID101	3	3	3	3	2	1	2	3	3	1	1	3	3	1	3	3	-	-	2	-
	BID102	2	2	3	2	2	1	-		1	2	2	2	-	1	1	3	-	-	-	-
	BID103	2	2	1	-	3	1	2	3	3	2	1	1	2	2	3	3	1	-	-	-
- 1	BID104	1	1	1	2	-	-	-	2	-	-	-	2	-	-	1	1	-	-	-	-
	BID105	3	2	3	2	1	1	2	3	1	2	-	3	-	1	3	3	-	-	2	-
	BID106	-	1	-	-	-	-	3	2	-	-	-	-	-	1	1	1	-	-	-	-
	BID107	3	2	3	3	1	1	3	-	3	3	-	3	2	3	3	3	3	-	-	-
	BID201	3	2	3	3	2	2	2	3	3	1	1	3	3	1	3	3	-	-	2	-
	BID202	3	-	3	2	2	2	-	1	1	1	3	3	2	1	1	2	-	-	-	-
	BID203	2	2	1	1	3	2	2	3	3	2	1	2	2	1	3	3	1	-	2	-
П	BID204	1	3	1	-	-	-	-	1	1	-	-	2	-	1	1	1	-	-	-	-
	BID205	1	-	3	3	1	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-
	BID206	1	1	-	-	-	-	3	3	3	-	-	-	-	-	1	3	-	-	-	-
	BID207	3	-	1	3	1	1	-	1	3	3	3	3	3	3	3	3	3	-	-	-
	BID301	3	3	3	3	2	2	2	3	3	1	1	2	3	1	3	3	-	-	2	-
	BID302	2	-	3	2	2	2	-	1	1	1	2	2	2	1	1	1	-	-	-	-
	BID303	2	2	2	2	-	3	2	-	1	-	-	-	2	-	1	1	-	-	-	-
Ш	BID304	3	3	-	-	3	-	-	3	3	-	-	-	-	-	1	1	-	-	-	-
	BID305	1	-	3	3	1	2	-	-	-	-	-	-	-	-	1	-	-	-	-	-
	BID306	1	1	-	-	2	-	3	3	3	-	-	-	-	-	-	-	-	-	-	-
	BID307	1	3	1	-	3	-	-	3	3	-	-	-	-	3	-	-	-	-	2	-
	BID401	3	3	3	3	2	2	2	3	3	2	1	2	3	1	3	3	-	-	2	-
	BID402	2	1	3	2	2	2	-	1	-	2	1	2	3	1	1	1	-	-	2	-
	BID403	2	2	2	3	1	2	1	1	-	-	-	-	2	-	3	1	-	-	2	-
IV	BID404	3	-	2	3	1	2	1	1	-	1	2	2	2	-	1	1	-	-	2	-
	BID405	3	1	1	1	1	1	-	3	3	3	2	2	1	1	3	3	-	-	-	-
	BID406	3	3	3	3	3	2	3	2	3	3	2	3	-	-	1	3	-	-	2	-
	BID407	3	2	3	3	2	2	2	2	3	3	-	-	-	1	1	3	-	-	-	-
	BID501	3	3	3	3	2	2	2	3	3	3	1	2	3	1	3	1	-	-	2	-
	BID502	2	1	3	2	2	2	1	1	-	1	1	2	3	1	1	1	-	-	-	-
V	BID503	2	1	2	3	-	3	1	1	-	-	3	-	2	3	3	1	-	-	2	-
V	BID504	2	1	1	3	-	3	-	-	-	-	3	-	2	3	3	1	-	-	2	-
	BID505	1	1	-	-	1	-	3	3	3	-	-	1	-	3	1	1	3	-	-	-
	BID506	3	3	3	3	2	2	3	3	2	3	3	3	3	1	3	3	-	-	2	-
	BID601	3	3	3	3	2	2	2	3	3	3	3	1	3	1	3	3	-	-	2	-
	BID602	1	-	3	3	2	2	2	3	3	-	2	1	-	-	3	3	3	-	-	-
	BID603	3	3	2	2	1	1	1	3	3	1	2	2	2	3	3	3	-	-	-	-
VI	BID604	3	2	3	3	2	2	2	3	3	3	2	3	3	-	3	3	-	-	2	-
	BID605	2	-	1	3	-	-	-	-	-	-	-	-	-	3	3	-	-	-	-	-
	BID606	3	2	3	3	1	2	2	3	3	-	3	-	-	-	3	2	-	-	-	-
	BID607	2	3	3	3	1	2	2	3	3	1	-	-	-	3	3	2	-	-	-	-
VII	BID701	3	3	3	3	2	3	ı	3	2	1	-	3	3	3	3	ı	-	-	2	-
VIII	BID 801	3	3	3	3	2	2	2	3	3	1	3	2	3	3	3	3	-	-	2	-

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BID 802	-	-	-	-	1	1	-	1	-	-	-	-	3	3	2	3	3	3	-	3
BID 803	1	-	2	1	1	2	-	2	1	-	1	-	2	3	2	1	2	-	-	-
BID 804	3	1	2	2	2	1	-	2	2	1	-	2	-	-	-	1	-	-	-	-
BID 805	1	3	1	1	2	1	2	1	2	1	1	-	2	1	2	-	-	-	-	-

DEPARTMENT OF ARCHITECTURE & PLANNING

Course Handout

Course: Interior Estimation, Specification & Costing

Course Code: BID 404, Crédits: 03, Session: 2021-22 (Even Sem.), Class: BID 2nd Year

Faculty Name: Ar. Manish Kumar Chitranshi

Introduction:

Laboratory sessions, which support the formal lecture material and also provide the student with practical construction, measurement and debugging skills. Participants are encouraged to engage in active interaction through classroom participation.

A. Course Outcomes: At the end of the course, students will be able to:

CO1:Student should be able to working out quantities schedule of rates and Bill of Quantities.

CO2:The objective of the course is to initiate into the theories and practices of estimation and surveying. In a project with the specification of the materials and quantities used along with their costing in the project of any kind either selected by the student or given by the college.

B. Programme Outcomes:

- **PO1. Design Knowledge:** Incorporate a global perspective when making design decisions, based on sustainable, socio-economic, and cultural contexts.
- **PO2. Problem Analysis:** Apply theories of human behaviour to human-centered design solutions.
- **PO3. Design/Development of Solutions:** Apply the design process to generate creative solutions to complex problems optimizing the human experience within the interior environment. Apply theory, psychology, and methodology of color

- to designs of the interior environment.
- **PO4. Individual and Team Work:** Collaborate in multi-disciplinary teams respecting a variety of points of view and perspectives that enrich the process and product of the team.
- **PO5. Communication:** Communicate complex ideas clearly to specialists and non-specialists through appropriate oral, written, and representational media.
- **PO6. Life Long Learning:** Exemplify accepted standards of professionalism and business practice including a commitment to engage in lifelong learning.
- **PO7. Context and Society:** Analyze interiors, architecture, the decorative arts, and art within a historical and cultural context to inform contemporary design solutions that relate with the society for whom the design solution is to be provided.
- **PO8. Synthesis of Concepts:** Synthesize theories and concepts of spatial definition and organization into multi-dimensional design solutions.
- **PO9. Modern Technique usage:** Specify furniture, fixtures, and equipment's of finish materials to meet the design criteria for a variety of interior spaces.
- **PO10. Environment and Sustainability:** Apply principles of lighting, acoustics, thermal comfort, and indoor air quality as required to enhance the health, safety, welfare, and performance of building occupants for overall sustainable development of the individuals.
- **PO11. Ethics:** Comply with laws, codes, and standards that impact fire safety and life safety.
- **PO12. Project/Construction Management:** Produce construction drawings and documents using industry standards for a variety of interior spaces. Employ environment-behaviour research methodologies to address open-ended problems in interior design.

C. Programme Specific Outcomes:

As part of the school's charter and mission, Amity School of Architecture and Planning is providing a vibrant planning environment, ensuring its undergraduates are not only valued by the planning practice, but are also able to:

- **PSO1.** Demonstrate critical thinking as they identify, analyze, and solve interior architecture and design problems through completion of interior design studio projects. Apply creative and critical thinking to solve interior environment problems from a human-cantered approach and apply this knowledge to design solutions.
- **PSO2.** Demonstrate preparation for global design practice by incorporating cultural norms of user populations and applying that knowledge to design

solutions that support globally diverse end users.

PSO3. Demonstrate effective visual, verbal, and written communication.

PSO4. Apply ethical and professional practices.

PSO5. Demonstrate social responsibility by designing sustainable interior environments that support indoor environmental quality and improve the quality of life for occupants.

PSO6. Engage in integrative professional design practice by contributing interior architecture and design expertise to collaborative design teams.

Assessment Plan:

Component	Description	Code	Weightage
of Evaluation			%
Continuous Internal	Mid Term	СТ	10%
Evaluation	Seminar/Quiz/ Assignment	S/Q/A	15%
Attendance	A minimum of 75% Attendance is required to be maintained by a studentto be qualified for taking up the End Semester examination. The allowance of 25% includes all types of leaves including medical leaves.	A	5%
End Semester	End Semester	EE	70%
Examination	(Viva-Voce)		
Total			100%

D. Syllabus

Module I: Introduction

Descriptors/Topics

Introduction to estimation, Estimation calculations, types of calculation, special jobs

Module II: Specifications

Descriptors/Topics

Introduction to specifications and writing detailed specification for various building

materials, building construction works.

Module III: B.O.Q

Descriptors/Topics

Fire resistant and fire retardants materials and their application

Module IV: Firefighting Equipment

Descriptors/Topics

Working out quantities schedule of rates and Bill of Quantiti

Components	Attendance	Mid-Term	Assignment	EE		
Weightage (%)	5	10	15	70		

CT: Class Test, A: Assignment, S/V/Q: Seminar/Viva/Quiz, EE: End Semester Examination; A: Attendance

Text Reading:

[1] The Construction of Building Vol - 1 to 5, R. Barry

[2]

Building Construction, N.L. Arora &, B.R. Gupta

References:

- Design for Living
- R.L.BAWA, Boniface G. Fernandes
- Metric Hand book (Planning and Design)

Edited by David Alder

Lecture	Topics	Mode	Correspon	Mode of
		of	ding CO	Assessing
		Delivery		со

1.	Introduction to estimation, Estimation calculations, types of calculation, special jobs	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
2.	Introduction to estimation, Estimation calculations, types of calculation, special jobs	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
3.	Introduction to estimation, Estimation calculations, types of calculation, special jobs	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
4.	Introduction to estimation, Estimation calculations, types of calculation, special jobs	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
5.	Introduction to estimation, Estimation calculations, types of calculation, special jobs	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
6.	Introduction to estimation, Estimation calculations, types of calculation, special jobs	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
7.	Introduction to estimation, Estimation calculations, types of calculation, special jobs	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
8.	Introduction to estimation, Estimation calculations, types of calculation, special jobs	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
9.	Introduction to estimation, Estimation calculations, types of calculation, special jobs	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam

10.	Introduction to specifications and writing detailed specification for various building materials, building construction works.	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
11.	Fire resistant and fire retardants materials and their application	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
12.	Fire resistant and fire retardants materials and their application	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
13.	Fire resistant and fire retardants materials and their application	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
14.	Fire resistant and fire retardants materials and their application	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
15.	Fire resistant and fire retardants materials and their application	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
16.	Fire resistant and fire retardants materials and their application	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
17.	Fire resistant and fire retardants materials and their application	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam

18.	Fire resistant and fire retardants materials and their application	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
19.	Fire resistant and fire retardants materials and their application	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
20.	Fire resistant and fire retardants materials and their application	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
21.	Fire resistant and fire retardants materials and their application	Lecture	CO1	Mid Term- 2, Quiz & End Sem Exam
22.	Fire resistant and fire retardants materials and their application	Lecture	CO1	Mid Term- 2, Quiz & End Sem Exam
23.	Fire resistant and fire retardants materials and their application	Lecture	CO1	Mid Term- 2, Quiz & End Sem Exam
24.	Fire resistant and fire retardants materials and their application	Lecture	CO1	Mid Term- 2, Quiz & End Sem Exam
25.	Fire resistant and fire retardants materials and their application	Lecture	CO1	Mid Term- 2, Quiz & End Sem Exam
26.	Fire resistant and fire retardants materials and their application	Lecture	CO2	Mid Term- 2, Quiz & End Sem Exam

27.	Fire resistant and fire retardants materials and their application	Lecture	CO2	Mid Term- 2, Quiz & End Sem Exam
28.	Working out quantities schedule of rates and Bill of Quantities	Lecture	CO2	Mid Term- 2, Quiz & End Sem Exam
29.	Working out quantities schedule of rates and Bill of Quantities	Lecture	CO2	Mid Term- 2, Quiz & End Sem Exam
30.	Working out quantities schedule of rates and Bill of Quantities	Lecture	CO2	Mid Term- 2, Quiz & End Sem Exam
31.	Working out quantities schedule of rates and Bill of Quantities	Lecture	CO2	Mid Term- 2, Quiz & End Sem Exam
32.	Working out quantities schedule of rates and Bill of Quantities	Lecture	CO2	Mid Term- 2, Quiz & End Sem Exam
33.	Working out quantities schedule of rates and Bill of Quantities	Lecture	CO2	Mid Term- 2, Quiz & End Sem Exam
34.	Working out quantities schedule of rates and Bill of Quantities	Lecture	CO2	Mid Term- 2, Quiz & End Sem Exam
35.	Working out quantities schedule of rates and Bill of Quantities	Lecture	CO2	Mid Term- 2, Quiz & End Sem Exam

36.	Working out quantities schedule of rates and Bill of Quantities	Lecture	CO2	Mid Term- 2, Quiz & End Sem Exam
37.	Working out quantities schedule of rates and Bill of Quantities	Lecture	CO2	Quiz & End Sem Exam
38.	Working out quantities schedule of rates and Bill of Quantities	Lecture	CO2	Quiz & End Sem Exam
39.	Working out quantities schedule of rates and Bill of Quantities	Lecture	CO2	Quiz & End Sem Exam
40.	Working out quantities schedule of rates and Bill of Quantities	Lecture	CO2	Quiz & End Sem Exam
41.	Working out quantities schedule of rates and Bill of Quantities	Lecture	CO2	Quiz & End Sem Exam
42.	Working out quantities schedule of rates and Bill of Quantities	Lecture	CO2	Quiz & End Sem Exam
43.	Working out quantities schedule of rates and Bill of Quantities	Lecture	CO2	Quiz & End Sem Exam
44.	Working out quantities schedule of rates and Bill of Quantities	Lecture	CO2	Quiz & End Sem Exam

45.	Working out quantities	Lecture	CO2	Quiz &
	schedule of rates and Bill of			End Sem
	Quantities			Exam

E. Course Articulation Matrix (Mapping of COs with POs)

СО	STATEMENT		CORRELATION WITH PROGRAMME OUTCOMES											CORRELATION WITH PROGRAMME SPECIFIC OUTCOMES				
		P O 1	P O 2	P O 3	P O 4	P O 5	P O 6	P O 7	P O 8	P O 9	P O 1	P O 1	P O 1	PS O1	PS O2	PS O3	PS 04	PS 05
CO 01	Student should be able to working out quantities schedule of rates and Bill of Quantities.	3	-	2	3	1	2	1	1	-	1	2	2	2	-	1	1	-
CO 02	The objective of the course is to initiate into the theories and practices of estimation and surveying. In a project with the specification of the materials and quantities used along with their costing in the project of any kind either selected by the student or given by the college.																	

Sample Question Paper

Amity School of Architecture & Planning I MID-SEMESTER (SEM -IV) 2021-22

Class: BID IV Semester							

Subject Name: BID 404 Time: 2 Hrs Max. Marks: 10
Interior Estimation, Specification

& Costing

Levels of the questions as per Blooms Taxonomy	Remembering	Understanding	Applying	Analyzing	Evaluating	Creating
Question Mapping	Q.1,4	Q.2,3	Q.4	Q.2,5,6		

Student will be able to

CO1: List the broad perceptive of cloud architecture and model. CO2: Apply different cloud programming models as per need.

CO Map	Question No.	Question	Marks
CO1	Q.1	Explain in brief the cloud computing concept.	3
CO1	Q.2a	What are the essential characteristics of cloud computing?	3
	Q.2b	How is cloud computing requirements and cloud servicerequirement services related to each other?	3
CO1	Q.3	Sketch NIST Cloud Computing Reference Architecture and depictits elements	6
CO2	Q.4	Explain the significance of Cloud Reference Model	3
CO2	Q.5a	Elaborate different cloud types with example.	3
CO2	Q.5b	Write characteristics of private cloud.	3
CO2	Q6	How virtualization is applied in cloud computing scenario?	6

Attainments		Rubric
Level	1	IF 60% of students secure more than 60% marks then level 1
Level	2	IF 70% of students secure more than 60% marks then level 2
Level	3	IF 80% of students secure more than 60% marks then level 3

Course outcome: Based on internal and external assessment the level of Course outcome attainment of the course BID/Course code BID 404 is level 1 for the academic year 2021-2022.



AMITY UNIVERSITY MADHYA PRADESH, GWALIOR AMITY SCHOOL OF ARCHITECTURE AND PLANNING DEPARTMENT OF ARCHITECTURE AND PLANNING

PROGRAMME OUTCOMES AND PROGRAMME SPECIFIC OUTCOMES Bachelor of Interior Design (BID), Academic Year – 2021-22

Program Outcomes:

- **PO1. Design Knowledge:** Incorporate a global perspective when making design decisions, based on sustainable, socio-economic, and cultural contexts.
- PO2. Problem Analysis: Apply theories of human behaviour to human-centered design solutions.
- **PO3.** Design/Development of Solutions: Apply the design process to generate creative solutions to complex problems optimizing the human experience within the interior environment. Apply theory, psychology, and methodology of color to designs of the interior environment.
- **PO4. Individual and Team Work:** Collaborate in multi-disciplinary teams respecting a variety of points of view and perspectives that enrich the process and product of the team.
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- **PO9. Modern Technique usage:** Specify furniture, fixtures, and equipment's of finish materials to meet the design criteria for a variety of interior spaces.
- **PO10.** Environment and Sustainability: Apply principles of lighting, acoustics, thermal comfort, and indoor air quality as required to enhance the health, safety, welfare, and performance of building occupants for overall sustainable development of the individuals.
- PO11. Ethics: Comply with laws, codes, and standards that impact fire safety and life safety.

PO12. Project/Construction Management: Produce construction drawings and documents using industry standards for a variety of interior spaces. Employ environment-behaviour research methodologies to address open-ended problems in interior design.

Program Specific Outcome:

As part of the school's charter and mission, Amity School of Architecture and Planning is providing a vibrant planning environment, ensuring its under-graduates are not only valued by the planning practice, but are also able to:

PSO1. Demonstrate critical thinking as they identify, analyze, and solve interior architecture and design problems through completion of interior design studio projects. Apply creative and critical thinking to solve interior environment problems from a human-cantered approach and apply this knowledge to design solutions.

PSO2. Demonstrate preparation for global design practice by incorporating cultural norms of user populations and applying that knowledge to design solutions that support globally diverse end users.

PSO3. Demonstrate effective visual, verbal, and written communication.

PSO4. Apply ethical and professional practices.

PSO5. Demonstrate social responsibility by designing sustainable interior environments that support indoor environmental quality and improve the quality of life for occupants.

PSO6. Engage in integrative professional design practice by contributing interior architecture and design expertise to collaborative design teams.

Note: - Correlation levels 1, 2 and 3 as defined below:

1: Slight (Low), 2: Moderate (Medium) and 3: Substantial (High)

If there is no correlation, put "-"

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SEM	SUBJECT CODE	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12	PO 13	PO 14	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5	PSO 6
	BID101	3	3	3	3	2	1	2	3	3	1	1	3	3	1	3	3	-	-	2	-
	BID102	2	2	3	2	2	1	-		1	2	2	2	-	1	1	3	-	-	-	-
	BID103	2	2	1	-	3	1	2	3	3	2	1	1	2	2	3	3	1	-	-	-
- 1	BID104	1	1	1	2	-	-	-	2	-	-	-	2	-	-	1	1	-	-	-	-
	BID105	3	2	3	2	1	1	2	3	1	2	-	3	-	1	3	3	-	-	2	-
	BID106	-	1	-	-	-	-	3	2	-	-	-	-	-	1	1	1	-	-	-	-
	BID107	3	2	3	3	1	1	3	-	3	3	-	3	2	3	3	3	3	-	-	-
	BID201	3	2	3	3	2	2	2	3	3	1	1	3	3	1	3	3	-	-	2	-
	BID202	3	-	3	2	2	2	-	1	1	1	3	3	2	1	1	2	-	-	-	-
	BID203	2	2	1	1	3	2	2	3	3	2	1	2	2	1	3	3	1	-	2	-
П	BID204	1	3	1	-	-	-	-	1	1	-	-	2	-	1	1	1	-	-	-	-
	BID205	1	-	3	3	1	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-
	BID206	1	1	-	-	-	-	3	3	3	-	-	-	-	-	1	3	-	-	-	-
	BID207	3	-	1	3	1	1	-	1	3	3	3	3	3	3	3	3	3	-	-	-
	BID301	3	3	3	3	2	2	2	3	3	1	1	2	3	1	3	3	-	-	2	-
	BID302	2	-	3	2	2	2	-	1	1	1	2	2	2	1	1	1	-	-	-	-
	BID303	2	2	2	2	-	3	2	-	1	-	-	-	2	-	1	1	-	-	-	-
Ш	BID304	3	3	-	-	3	-	-	3	3	-	-	-	-	-	1	1	-	-	-	-
	BID305	1	-	3	3	1	2	-	-	-	-	-	-	-	-	1	-	-	-	-	-
	BID306	1	1	-	-	2	-	3	3	3	-	-	-	-	-	-	-	-	-	-	-
	BID307	1	3	1	-	3	-	-	3	3	-	-	-	-	3	-	-	-	-	2	-
	BID401	3	3	3	3	2	2	2	3	3	2	1	2	3	1	3	3	-	-	2	-
	BID402	2	1	3	2	2	2	-	1	-	2	1	2	3	1	1	1	-	-	2	-
	BID403	2	2	2	3	1	2	1	1	-	-	-	-	2	-	3	1	-	-	2	-
IV	BID404	3	-	2	3	1	2	1	1	-	1	2	2	2	-	1	1	-	-	2	-
	BID405	3	1	1	1	1	1	-	3	3	3	2	2	1	1	3	3	-	-	-	-
	BID406	3	3	3	3	3	2	3	2	3	3	2	3	-	-	1	3	-	-	2	-
	BID407	3	2	3	3	2	2	2	2	3	3	-	-	-	1	1	3	-	-	-	-
	BID501	3	3	3	3	2	2	2	3	3	3	1	2	3	1	3	1	-	-	2	-
	BID502	2	1	3	2	2	2	1	1	-	1	1	2	3	1	1	1	-	-	-	-
V	BID503	2	1	2	3	-	3	1	1	-	-	3	-	2	3	3	1	-	-	2	-
V	BID504	2	1	1	3	-	3	-	-	-	-	3	-	2	3	3	1	-	-	2	-
	BID505	1	1	-	-	1	-	3	3	3	-	-	1	-	3	1	1	3	-	-	-
	BID506	3	3	3	3	2	2	3	3	2	3	3	3	3	1	3	3	-	-	2	-
	BID601	3	3	3	3	2	2	2	3	3	3	3	1	3	1	3	3	-	-	2	-
	BID602	1	-	3	3	2	2	2	3	3	-	2	1	-	-	3	3	3	-	-	-
	BID603	3	3	2	2	1	1	1	3	3	1	2	2	2	3	3	3	-	-	-	-
VI	BID604	3	2	3	3	2	2	2	3	3	3	2	3	3	-	3	3	-	-	2	-
	BID605	2	-	1	3	-	-	-	-	-	-	-	-	-	3	3	-	-	-	-	-
	BID606	3	2	3	3	1	2	2	3	3	-	3	-	-	-	3	2	-	-	-	-
	BID607	2	3	3	3	1	2	2	3	3	1	-	-	-	3	3	2	-	-	-	-
VII	BID701	3	3	3	3	2	3	1	3	2	1	-	3	3	3	3	ı	-	-	2	-
VIII	BID 801	3	3	3	3	2	2	2	3	3	1	3	2	3	3	3	3	-	-	2	-

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BID 802	-	-	-	-	1	1	-	1	-	-	-	-	3	3	2	3	3	3	-	3
BID 803	1	-	2	1	1	2	-	2	1	-	1	-	2	3	2	1	2	-	-	-
BID 804	3	1	2	2	2	1	-	2	2	1	-	2	-	-	-	1	-	-	-	-
BID 805	1	3	1	1	2	1	2	1	2	1	1	-	2	1	2	-	-	-	-	-

DEPARTMENT OF ARCHITECTURE & PLANNING

Course Handout

Course: Workshop – III (Ceramics, metal and mural)

Course Code: BID 405, Crédits: 04, Session: 2021-22 (Even Sem.), Class: BID 2nd Year

Faculty Name: Ar. Manish Kumar Chitranshi

Introduction:

Laboratory sessions, which support the formal lecture material and also provide the student with practical construction, measurement and debugging skills. Participants are encouraged to engage in active interaction through classroom participation.

- A. Course Outcomes: At the end of the course, students will be able to:
 CO1:They are familiar with technology that is used to design ceramics metal and wall art work in construction market to design high-end products.

 CO2:Ceramic, metal and mural designing course is a combination of creativity,
 - coa:Ceramic, metal and mural designing course is a combination of creativity, science as well as technology.
 - **CO3**:The ceramic, metal and mural designing is an exclusive and creative course for students who want to study designing as well as engineering for open-end career options in Interior decoration.

CO4: The course, designed in a way that students learn technology for production of Glasses has advanced to designing in a way that is safe for environment and energy efficient.

CO5: The Glass and Ceramics based products, over the years have become luxurious and artistic with lightweight, energy-saving and wear-resistant ceramic products such as ceramic ceiling tiles, floor tiles, ceramic sanitary-wares, pottery, table-ware, ornamental-ware, biomedical implants, jeengine turbines, bullet-resistant vests etc.

B. Programme Outcomes:

- **PO1. Design Knowledge:** Incorporate a global perspective when making design decisions, based on sustainable, socio-economic, and cultural contexts.
- **PO2. Problem Analysis:** Apply theories of human behaviour to human-centered design solutions.
- **PO3. Design/Development of Solutions:** Apply the design process to generate creative solutions to complex problems optimizing the human experience within the interior environment. Apply theory, psychology, and methodology of color to designs of the interior environment.
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C. Programme Specific Outcomes:

As part of the school's charter and mission, Amity School of Architecture and Planning is providing a vibrant planning environment, ensuring its undergraduates are not only valued by the planning practice, but are also able to:

- **PSO1.** Demonstrate critical thinking as they identify, analyze, and solve interior architecture and design problems through completion of interior design studio projects. Apply creative and critical thinking to solve interior environment problems from a human-cantered approach and apply this knowledge to design solutions.
- **PSO2.** Demonstrate preparation for global design practice by incorporating cultural norms of user populations and applying that knowledge to design solutions that support globally diverse end users.
- **PSO3.** Demonstrate effective visual, verbal, and written communication.
- **PSO4.** Apply ethical and professional practices.
- **PSO5.** Demonstrate social responsibility by designing sustainable interior environments that support indoor environmental quality and improve the quality of life for occupants.
- **PSO6.** Engage in integrative professional design practice by contributing interior architecture and design expertise to collaborative design teams.

Assessment Plan:

Component	Description	Code	Weightage
of Evaluation			%
Continuous Internal	Mid Term	СТ	10%
Evaluation	Seminar/Quiz/	S/Q/A	15%
	Assignment		
Attendance	A minimum of 75%	Α	5%
	Attendance is required to be		
	maintained by a studentto be		
	qualified for taking up the End		
	Semester examination. The		
	allowance of 25% includes all		
	types of leaves		
	including medical leaves.		
End Semester	End Semester	VV	70%
Examination	(Viva-Voce)		
Total			100%

D. Syllabus

Module I: Introduction

Descriptors/Topics

Introduction to Ceramics and metal models, wall paintings

Module II: Tools and techniques for hard material designing

Descriptors/Topics

Introduction to tools and techniques for Ceramics and metal models ,wall paintings/mural /stucco

Module III: Model making and manufacturing

Descriptors/Topics

Work within a variety of composite models of ceramics, metals and hands on wall paintings in different mediums

Components	Attendance	Mid-Term	Assignment	VV
Weightage (%)	5	10	15	70

CT: Class Test, A: Assignment, S/V/Q: Seminar/Viva/Quiz, EE: End Semester Examination; A: Attendance

Text Reading:

[1]

Things of Beauty Growing by Glenn Adamson, Glenn Adamson, MartinaDroth, Simon Olding [2]

Ceramics: Materials for InspirationalDesign (Interior and Industrial Design)

References:

- Design for Living
- R.L.BAWA, Boniface G. Fernandes

Lecture	Topics	Mode	Correspon	Mode of
		of	ding CO	Assessing
		Delivery		СО

1.	Introduction to estimation, Estimation calculations, types of calculation, special jobs	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
2.	Introduction to estimation, Estimation calculations, types of calculation, special jobs	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
3.	Introduction to estimation, Estimation calculations, types of calculation, special jobs	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
4.	Introduction to estimation, Estimation calculations, types of calculation, special jobs	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
5.	Introduction to estimation, Estimation calculations, types of calculation, special jobs	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
6.	Introduction to estimation, Estimation calculations, types of calculation, special jobs	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
7.	Introduction to estimation, Estimation calculations, types of calculation, special jobs	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
8.	Introduction to estimation, Estimation calculations, types of calculation, special jobs	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
9.	Introduction to estimation, Estimation calculations, types of calculation, special jobs	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam

10.	Introduction to specifications and writing detailed specification for various building materials, building construction works.	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
11.	Fire resistant and fire retardants materials and their application	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
12.	Fire resistant and fire retardants materials and their application	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
13.	Fire resistant and fire retardants materials and their application	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
14.	Fire resistant and fire retardants materials and their application	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
15.	Fire resistant and fire retardants materials and their application	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
16.	Fire resistant and fire retardants materials and their application	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
17.	Fire resistant and fire retardants materials and their application	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam

18.	Fire resistant and fire retardants materials and their application	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
19.	Fire resistant and fire retardants materials and their application	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
20.	Fire resistant and fire retardants materials and their application	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
21.	Introduction to tools and techniques for Ceramics and metal models ,wall paintings/mural /stucco	Lecture	CO1	Mid Term- 2, Quiz & End Sem Exam
22.	Introduction to tools and techniques for Ceramics and metal models ,wall paintings/mural /stucco	Lecture	CO1	Mid Term- 2, Quiz & End Sem Exam
23.	Introduction to tools and techniques for Ceramics and metal models ,wall paintings/mural /stucco	Lecture	CO1	Mid Term- 2, Quiz & End Sem Exam
24.	Introduction to tools and techniques for Ceramics and metal models ,wall paintings/mural /stucco	Lecture	CO1	Mid Term- 2, Quiz & End Sem Exam
25.	Introduction to tools and techniques for Ceramics and metal models ,wall	Lecture	CO1	Mid Term- 2, Quiz & End Sem Exam

	paintings/mural/stucco			
26.	Introduction to tools and techniques for Ceramics and metal models ,wall paintings/mural /stucco	Lecture	CO2	Mid Term- 2, Quiz & End Sem Exam
27.	Introduction to tools and techniques for Ceramics and metal models ,wall paintings/mural /stucco	Lecture	CO2	Mid Term- 2, Quiz & End Sem Exam
28.	Introduction to tools and techniques for Ceramics and metal models ,wall paintings/mural /stucco	Lecture	CO2	Mid Term- 2, Quiz & End Sem Exam
29.	Introduction to tools and techniques for Ceramics and metal models ,wall paintings/mural /stucco	Lecture	CO2	Mid Term- 2, Quiz & End Sem Exam
30.	Introduction to tools and techniques for Ceramics and metal models ,wall paintings/mural /stucco	Lecture	CO2	Mid Term- 2, Quiz & End Sem Exam
31.	Introduction to tools and techniques for Ceramics and metal models ,wall paintings/mural /stucco	Lecture	CO2	Mid Term- 2, Quiz & End Sem Exam

32.	Introduction to tools and techniques for Ceramics and metal models ,wall paintings/mural /stucco	Lecture	CO2	Mid Term- 2, Quiz & End Sem Exam
33.	Introduction to tools and techniques for Ceramics and metal models ,wall paintings/mural /stucco	Lecture	CO2	Mid Term- 2, Quiz & End Sem Exam
34.	Introduction to tools and techniques for Ceramics and metal models ,wall paintings/mural /stucco	Lecture	CO2	Mid Term- 2, Quiz & End Sem Exam
35.	Introduction to tools and techniques for Ceramics and metal models ,wall paintings/mural /stucco	Lecture	CO2	Mid Term- 2, Quiz & End Sem Exam
36.	Introduction to tools and techniques for Ceramics and metal models ,wall paintings/mural /stucco	Lecture	CO2	Mid Term- 2, Quiz & End Sem Exam
37.	Introduction to tools and techniques for Ceramics and metal models ,wall paintings/mural /stucco	Lecture	CO2	Quiz & End Sem Exam
38.	Introduction to tools and techniques for Ceramics and metal models ,wall paintings/mural /stucco	Lecture	CO2	Quiz & End Sem Exam

39.	Introduction to tools and techniques for Ceramics and metal models ,wall paintings/mural /stucco	Lecture	CO2	Quiz & End Sem Exam
40.	Introduction to tools and techniques for Ceramics and metal models ,wall paintings/mural /stucco	Lecture	CO2	Quiz & End Sem Exam
41.	Work within a variety of composite models of ceramics, metals and hands on wall paintings in different mediums	Lecture	CO2	Quiz & End Sem Exam
42.	Work within a variety of composite models of ceramics, metals and hands on wall paintings in different mediums	Lecture	CO2	Quiz & End Sem Exam
43.	Work within a variety of composite models of ceramics ,metals and hands on wall paintings in different mediums	Lecture	CO2	Quiz & End Sem Exam
44.	Work within a variety of composite models of ceramics, metals and hands on wall	Lecture	CO2	Quiz & End Sem Exam

	paintings in different mediums			
45.	Work within a variety of composite models of ceramics ,metals and hands on wall paintings in different mediums	Lecture	CO2	Quiz & End Sem Exam
46.	Work within a variety of composite models of ceramics ,metals and hands on wall paintings in different mediums	Lecture	CO2	Quiz & End Sem Exam
47.	Work within a variety of composite models of ceramics ,metals and hands on wall paintings in different mediums	Lecture	CO2	Quiz & End Sem Exam
48.	Work within a variety of composite models of ceramics ,metals and hands on wall paintings in different mediums	Lecture	CO2	Quiz & End Sem Exam
49.	Work within a variety of composite models of ceramics ,metals and hands on wall	Lecture	CO2	Quiz & End Sem Exam

	paintings in different mediums			
50.	Work within a variety of composite models of ceramics ,metals and hands on wall paintings in different mediums	Lecture	CO2	Quiz & End Sem Exam
51.	Work within a variety of composite models of ceramics ,metals and hands on wall paintings in different mediums	Lecture	CO2	Quiz & End Sem Exam
52.	Work within a variety of composite models of ceramics ,metals and hands on wall paintings in different mediums	Lecture	CO2	Quiz & End Sem Exam
53.	Work within a variety of composite models of ceramics ,metals and hands on wall paintings in different mediums	Lecture	CO2	Quiz & End Sem Exam
54.	Work within a variety of composite models of ceramics, metals and hands on wall	Lecture	CO2	Quiz & End Sem Exam

55.	paintings in different mediums Work within a variety of composite models of ceramics ,metals and hands on wall	Lecture	CO2	Quiz & End Sem Exam
	paintings in different mediums			
56.	Work within a variety of composite models of ceramics ,metals and hands on wall paintings in different mediums	Lecture	CO2	Quiz & End Sem Exam
57.	Work within a variety of composite models of ceramics ,metals and hands on wall paintings in different mediums	Lecture	CO2	Quiz & End Sem Exam
58.	Work within a variety of composite models of ceramics ,metals and hands on wall paintings in different mediums	Lecture	CO2	Quiz & End Sem Exam
59.	Work within a variety of composite models of ceramics ,metals and hands on wall	Lecture	CO2	Quiz & End Sem Exam

	paintings in different mediums			
60.	Work within a variety of composite models of ceramics ,metals and hands on wall paintings in different mediums	Lecture	CO2	Quiz & End Sem Exam

E. Course Articulation Matrix (Mapping of COs with POs)

СО	STATEMENT		CORRELATION WITH PROGRAMME OUTCOMES											PRO	CORRELATION WITH PROGRAMME SPECIFIC OUTCOMES				
		P O 1	P O 2	P O 3	P O 4	P O 5	P O 6	P O 7	P O 8	P O 9	P O 1	P O 1	P O 1 2	PS O1	PS O2	PS O3	PS 04	PS 05	
CO 01	They are familiar with technology that is used to design ceramics metal and wall art work in construction market to design high-end products.	3	1	1	1	1	1	-	3	3	3	2	2	1	1	3	3	-	
CO 02	Ceramic, metal and mural designing course is a combination of creativity, science as well as technology.																		

CO 03	The ceramic, metal and mural designing is an exclusive and creative course for students who want to study designing as well as engineering for open-end career options in Interior decoration.	3	1	1	1	1	1	-	3	3	3	2	2	1	1	3	3	
CO 04	The course, designed in a way that students learn technology for production of Glasses has advanced to designing in a way that is safe for environment and energy efficient.																	
CO 05	The Glass and Ceramics based products, over the years have become luxurious and artistic with lightweight, energy-saving and wear-resistant ceramic products such as ceramic ceiling tiles, floor tiles, ceramic sanitary-wares, pottery, table- ware,ornamental-																	

ware, biomedical									
implants, jeengine									
turbines, bullet-									
resistant vests etc.									

Sample Question Paper

	Amity School of Architecture & Planning I MID-SEMESTER (SEM -IV) 2021-22										
Class: BID IV Semester											
Subject Name: BID Workshop – III (Co and mural)		Time: 2 Hrs			Ma	x. Marks: 10					
Levels of the questions as per Blooms Taxonomy	Remembering	Understanding	Applying	Analyz	zing	Evaluating	Creating				
Question Mapping	Q.1,4	Q.2,3	Q.4	Q.2,5,	6						

Student will be able to

CO1: List the broad perceptive of cloud architecture and model.

CO2: Apply different cloud programming models as per need.

СО Мар	Question No.	Question	Marks
CO1	Q.1	Explain in brief the cloud computing concept.	3
CO1	Q.2a	What are the essential characteristics of cloud computing?	3
	Q.2b	How is cloud computing requirements and cloud servicerequirement services related to each other?	3
CO1	Q.3	Sketch NIST Cloud Computing Reference Architecture and depictits elements	6
CO2	Q.4	Explain the significance of Cloud Reference Model	3
	Q.5a	Elaborate different cloud types with example.	3

CO2	Q.5b	Write characteristics of private cloud.	3
CO2	Q 6	How virtualization is applied in cloud computing scenario?	6

Attainments		Rubric					
Level	1	IF 60% of students secure more than 60% marks then level 1					
Level	2	IF 70% of students secure more than 60% marks then level 2					
Level	3	IF 80% of students secure more than 60% marks then level 3					

Course outcome: Based on internal and external assessment the level of Course outcome attainment of the course BID/Course code bid 405 is level 2 for the academic year 2021-2022.



AMITY UNIVERSITY MADHYA PRADESH, GWALIOR AMITY SCHOOL OF ARCHITECTURE AND PLANNING DEPARTMENT OF ARCHITECTURE AND PLANNING

PROGRAMME OUTCOMES AND PROGRAMME SPECIFIC OUTCOMES Bachelor of Interior Design (BID), Academic Year – 2021-22

Program Outcomes:

- **PO1. Design Knowledge:** Incorporate a global perspective when making design decisions, based on sustainable, socio-economic, and cultural contexts.
- PO2. Problem Analysis: Apply theories of human behaviour to human-centered design solutions.
- **PO3.** Design/Development of Solutions: Apply the design process to generate creative solutions to complex problems optimizing the human experience within the interior environment. Apply theory, psychology, and methodology of color to designs of the interior environment.
- **PO4. Individual and Team Work:** Collaborate in multi-disciplinary teams respecting a variety of points of view and perspectives that enrich the process and product of the team.
- **PO5. Communication:** Communicate complex ideas clearly to specialists and non-specialists through appropriate oral, written, and representational media.
- **PO6. Life Long Learning:** Exemplify accepted standards of professionalism and business practice including a commitment to engage in lifelong learning.
- **PO7. Context and Society:** Analyze interiors, architecture, the decorative arts, and art within a historical and cultural context to inform contemporary design solutions that relate with the society for whom the design solution is to be provided.
- **PO8. Synthesis of Concepts:** Synthesize theories and concepts of spatial definition and organization into multi-dimensional design solutions.
- **PO9. Modern Technique usage:** Specify furniture, fixtures, and equipment's of finish materials to meet the design criteria for a variety of interior spaces.
- **PO10.** Environment and Sustainability: Apply principles of lighting, acoustics, thermal comfort, and indoor air quality as required to enhance the health, safety, welfare, and performance of building occupants for overall sustainable development of the individuals.
- PO11. Ethics: Comply with laws, codes, and standards that impact fire safety and life safety.

PO12. Project/Construction Management: Produce construction drawings and documents using industry standards for a variety of interior spaces. Employ environment-behaviour research methodologies to address open-ended problems in interior design.

Program Specific Outcome:

As part of the school's charter and mission, Amity School of Architecture and Planning is providing a vibrant planning environment, ensuring its under-graduates are not only valued by the planning practice, but are also able to:

PSO1. Demonstrate critical thinking as they identify, analyze, and solve interior architecture and design problems through completion of interior design studio projects. Apply creative and critical thinking to solve interior environment problems from a human-cantered approach and apply this knowledge to design solutions.

PSO2. Demonstrate preparation for global design practice by incorporating cultural norms of user populations and applying that knowledge to design solutions that support globally diverse end users.

PSO3. Demonstrate effective visual, verbal, and written communication.

PSO4. Apply ethical and professional practices.

PSO5. Demonstrate social responsibility by designing sustainable interior environments that support indoor environmental quality and improve the quality of life for occupants.

PSO6. Engage in integrative professional design practice by contributing interior architecture and design expertise to collaborative design teams.

Note: - Correlation levels 1, 2 and 3 as defined below:

1: Slight (Low), 2: Moderate (Medium) and 3: Substantial (High)

If there is no correlation, put "-"

PROGRAMME ARTICULATION MATRIX																					
SEM	SUBJECT CODE	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12	PO 13	PO 14	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5	PSO 6
	BID101	3	3	3	3	2	1	2	3	3	1	1	3	3	1	3	3	-	-	2	-
	BID102	2	2	3	2	2	1	-		1	2	2	2	-	1	1	3	-	-	-	-
	BID103	2	2	1	-	3	1	2	3	3	2	1	1	2	2	3	3	1	-	-	-
I	BID104	1	1	1	2	-	-	-	2	-	-	-	2	-	-	1	1	-	-	-	-
	BID105	3	2	3	2	1	1	2	3	1	2	-	3	-	1	3	3	-	-	2	-
	BID106	-	1	-	-	-	-	3	2	-	-	-	-	-	1	1	1	-	-	-	-
	BID107	3	2	3	3	1	1	3	-	3	3	-	3	2	3	3	3	3	-	-	-
	BID201	3	2	3	3	2	2	2	3	3	1	1	3	3	1	3	3	-	-	2	-
	BID202	3	1	3	2	2	2	-	1	1	1	3	3	2	1	1	2	-	-	-	-
	BID203	2	2	1	1	3	2	2	3	3	2	1	2	2	1	3	3	1	-	2	-
П	BID204	1	3	1	-	-	-	-	1	1	-	-	2	-	1	1	1	-	-	-	-
	BID205	-	1	3	3	1	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-
	BID206	-	1	-	-	-	-	3	3	3	-	-	-	-	-	1	3	-	-	-	-
	BID207	3	-	1	3	1	1	-	1	3	3	3	3	3	3	3	3	3	-	-	-
	BID301	3	3	3	3	2	2	2	3	3	1	1	2	3	1	3	3	-	-	2	-
	BID302	2	-	3	2	2	2	-	1	1	1	2	2	2	1	1	1	-	-	-	-
	BID303	2	2	2	2	-	3	2	-	1	-	-	-	2	-	1	1	-	-	-	-
Ш	BID304	3	3	-	-	3	-	-	3	3	-	-	-	-	-	1	1	-	-	-	-
	BID305	-	1	3	3	1	2	-	-	-	-	-	-	-	-	1	-	-	-	-	-
	BID306	-	1	-	-	2	-	3	3	3	-	-	-	-	-	-	-	-	-	-	-
	BID307	1	3	1	-	3	-	-	3	3	-	-	-	-	3	-	-	-	-	2	-
	BID401	3	3	3	3	2	2	2	3	3	2	1	2	3	1	3	3	-	-	2	-
	BID402	2	1	3	2	2	2	-	1	-	2	1	2	3	1	1	1	-	-	2	-
	BID403	2	2	2	3	1	2	1	1	-	-	-	-	2	-	3	1	-	-	2	-
IV	BID404	3	1	2	3	1	2	1	1	-	1	2	2	2	-	1	1	-	-	2	-
	BID405	3	1	1	1	1	1	-	3	3	3	2	2	1	1	3	3	-	-	-	-
	BID406	3	3	3	3	3	2	3	2	3	3	2	3	-	-	1	3	-	-	2	-
	BID407	3	2	3	3	2	2	2	2	3	3	-	-	-	1	1	3	-	-	-	-
	BID501	3	3	3	3	2	2	2	3	3	3	1	2	3	1	3	1	-	-	2	-
	BID502	2	1	3	2	2	2	-	1	-	1	1	2	3	1	1	1	-	-	-	-
V	BID503	2	1	2	3	-	3	-	1	-	-	3	-	2	3	3	1	-	-	2	-
V	BID504	2	1	1	3	-	3	-	-	-	-	3	-	2	3	3	1	-	-	2	-
	BID505	1	1	ı	-	1	-	3	3	3	-	-	1	-	3	1	1	3	-	-	-
	BID506	3	3	3	3	2	2	3	3	2	3	3	3	3	1	3	3	-	-	2	-
	BID601	3	3	3	3	2	2	2	3	3	3	3	1	3	1	3	3	-	-	2	-
	BID602	1	-	3	3	2	2	2	3	3	-	2	1	-	-	3	3	3	-	-	-
	BID603	3	3	2	2	1	1	1	3	3	1	2	2	2	3	3	3	-	-	-	-
VI	BID604	3	2	3	3	2	2	2	3	3	3	2	3	3	-	3	3	-	-	2	-
	BID605	2	-	1	3	-	-	-	-	-	-	-	-	-	3	3	-	-	-	-	-
	BID606	3	2	3	3	1	2	2	3	3	-	3	-	-	-	3	2	-	-	-	-
	BID607	2	3	3	3	1	2	2	3	3	1	-	-	-	3	3	2	-	-	-	-
VII	BID701	3	3	3	3	2	3	-	3	2	1	-	3	3	3	3	ı	-	-	2	-
VIII	BID 801	3	3	3	3	2	2	2	3	3	1	3	2	3	3	3	3	-	-	2	-

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BID 802	-	-	-	-	1	1	-	1	-	-	-	-	3	3	2	3	3	3	-	3
BID 803	1	-	2	1	1	2	-	2	1	-	1	-	2	3	2	1	2	-	-	-
BID 804	3	1	2	2	2	1	-	2	2	1	-	2	-	-	-	1	-	-	-	-
BID 805	1	3	1	1	2	1	2	1	2	1	1	-	2	1	2	-	-	-	-	-

DEPARTMENT OF ARCHITECTURE & PLANNING

Course Handout

Course: Product Design

Course Code: BID 406, Crédits: 02, Session: 2021-22 (Even Sem.), Class: BID 2nd Year

Faculty Name: Ar. Manish Kumar Chitranshi

Introduction:

Laboratory sessions, which support the formal lecture material and also provide the student with practical construction, measurement and debugging skills. Participants are encouraged to engage in active interaction through classroom participation.

- A. Course Outcomes: At the end of the course, students will be able to: CO1: The students should be able to apply to develop a design solution by interrelationship of various parameters through design process, gather data, analyze, synthesize. Provide design solution with thrust on critical analysis of existing products, user needs, material specifications, customized production, latest manufacturing technology
- Co2: To understand the inter-relationship of various parameters through design process, gather data, analyze, synthesize and apply to develop a design solution.
 CO3: To explore design solution with thrust on critical analysis of existing products, user needs, material specifications, customized production, latest manufacturing technology

CO4: The primary objective of a design studio is to inculcate in a student the attitude of evolving a design process for herself/himself

B . Programme Outcomes:

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- **PSO4.** Apply ethical and professional practices.
- **PSO5.** Demonstrate social responsibility by designing sustainable interior environments that support indoor environmental quality and improve the quality of life for occupants.
- **PSO6.** Engage in integrative professional design practice by contributing interior architecture and design expertise to collaborative design teams.

Assessment Plan:

Component	Description	Code	Weightage
of Evaluation			%
Continuous Internal	Mid Term	СТ	10%
Evaluation	Seminar/Quiz/ Assignment	S/Q/A	15%
Attendance	A minimum of 75% Attendance is required to be maintained by a studentto be qualified for taking up the End Semester examination. The allowance of 25% includes all types of leaves including medical leaves.	A	5%
End Semester Examination	End Semester (Viva-Voce)	EE	70%
Total	(VIVA VOCC)		100%

C. Syllabus

Module I: Redesigning a product - Design theory and methodology

Descriptors/Topics

Case study of various products to understand the design methodology, Identification and detailed study of any product to redesign, Data collection of research study.

Module II: Redesigning a product - Analysis and synthesis

Descriptors/Topics

Concept generation on the basis of analytical approach of thorough research study of a product, detailing included material identification, technology, color, usage etc, Prototype making and presentation.

Module III: Contemporary Design - Product research and User survey Descriptors/Topics

Case study and analytical approach on contemporary designers, Identification of area to design a product and research study, Building up design –brief, market and user survey.

Module IV: Contemporary Design - Analysis of research study and concept Generation

Descriptors/Topics

Data analysis of market and user survey, Re-define design brief, Concept generation with inclusion of ergonomics, form, manufacturing process, selectiPon of materials

Module V: Contemporary Design - Implementation and documentation Descriptors/Topics

Model making / prototyping, Branding, packaging & product graphics, Final presentation and documentation.

Components	Attendance	Mid-Term	Assignment	EE
Weightage (%)	5	10	15	70

CT: Class Test, A: Assignment, S/V/Q: Seminar/Viva/Quiz, EE: End Semester Examination; A: Attendance

Text Reading:

• Product And Furniture Design The Manufacturing Guides By Rob Thompson, Thames&Hudson, 1st

Edition,(2011)

• Handmade In India By M.P. Ranjan And Aditi Ranjan, Arihant Publications India Ltd., 1st Edition, (2008)

References:

• 50 Product Designs From Concept To Manufacture By Jennifer Hudson, Laurence King Publishing, 2nd

Edition,(2008)

• The Design Of Everyday Things By Norman A Donald, Basic Books, 1st

Lecture	Topics	Mode of Delivery	Correspon ding CO	Mode of Assessing CO
1.	Case study of various products to understand the design methodology, Identification and detailed study of any product to redesign, Data collection of research study.	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
2.	Case study of various products to understand the design methodology, Identification and detailed study of any product to redesign, Data collection of research study.	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
3.	Case study of various products to understand the design methodology, Identification and detailed study of any product to redesign, Data collection of research study.	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam

4.	Case study of various products to understand the design methodology, Identification and detailed study of any product to redesign, Data collection of research study.	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
5.	Case study of various products to understand the design methodology, Identification and detailed study of any product to redesign, Data collection of research study.	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
6.	Case study of various products to understand the design methodology, Identification and detailed study of any product to redesign, Data collection of research study.	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
7.	Concept generation on the basis of analytical approach of thorough research study of a product, detailing included material identification, technology, color, usage etc, Prototype making and presentation	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
8.	Concept generation on the basis of analytical approach of thorough research study of a product, detailing included material	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam

9.	identification, technology, color, usage etc, Prototype making and presentation Concept generation on the basis of analytical approach of thorough research study of a product, detailing included material identification, technology, color, usage etc, Prototype making and presentation	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
10.	Concept generation on the basis of analytical approach of thorough research study of a product, detailing included material identification, technology, color, usage etc, Prototype making and presentation	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
11.	Concept generation on the basis of analytical approach of thorough research study of a product, detailing included material identification, technology, color, usage etc, Prototype making and presentation	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam

12.	Concept generation on the basis of analytical approach of thorough research study of a product, detailing included material identification, technology, color, usage etc, Prototype making and presentation	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
13.	Case study and analytical approach on contemporary designers, Identification of area to design a product and research study, Building up design –brief, market and user survey.	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
14.	Case study and analytical approach on contemporary designers, Identification of area to design a product and research study, Building up design –brief, market and user survey.	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
15.	Case study and analytical approach on contemporary designers, Identification of area to design a product and research study, Building up design –brief, market and user survey.	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam

16.	Case study and analytical approach on contemporary designers, Identification of area to design a product and research study, Building up design –brief, market and user survey.	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
17.	Case study and analytical approach on contemporary designers, Identification of area to design a product and research study, Building up design –brief, market and user survey.	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
18.	Case study and analytical approach on contemporary designers, Identification of area to design a product and research study, Building up design –brief, market and user survey.	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
19.	Data analysis of market and user survey, Re-define design brief, Concept generation with inclusion of ergonomics, form, manufacturing process, selectiPon of materials	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
20.	Data analysis of market and user survey, Re-define design brief, Concept generation	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam

21.	with inclusion of ergonomics, form, manufacturing process, selectiPon of materials Data analysis of market and user survey, Re-define design brief, Concept generation with inclusion of ergonomics, form, manufacturing process, selectiPon of materials	Lecture	CO1	Mid Term- 2, Quiz & End Sem Exam
22.	Data analysis of market and user survey, Re-define design brief, Concept generation with inclusion of ergonomics, form, manufacturing process, selectiPon of materials	Lecture	CO1	Mid Term- 2, Quiz & End Sem Exam
23.	Data analysis of market and user survey, Re-define design brief, Concept generation with inclusion of ergonomics, form, manufacturing process, selectiPon of materials	Lecture	CO1	Mid Term- 2, Quiz & End Sem Exam
24.	Data analysis of market and user survey, Re-define design brief, Concept generation with inclusion of ergonomics, form, manufacturing process, selectiPon of materials	Lecture	CO1	Mid Term- 2, Quiz & End Sem Exam
25.	Model making / prototyping, Branding, packaging & product graphics, Final	Lecture	CO1	Mid Term- 2, Quiz & End Sem Exam

	presentation and documentation.			
26.	Model making / prototyping, Branding, packaging & product graphics, Final presentation and documentation.	Lecture	CO2	Mid Term- 2, Quiz & End Sem Exam
27.	Model making / prototyping, Branding, packaging & product graphics, Final presentation and documentation.	Lecture	CO2	Mid Term- 2, Quiz & End Sem Exam
28.	Model making / prototyping, Branding, packaging & product graphics, Final presentation and documentation.	Lecture	CO2	Mid Term- 2, Quiz & End Sem Exam
29.	Model making / prototyping, Branding, packaging & product graphics, Final presentation and documentation.	Lecture	CO2	Mid Term- 2, Quiz & End Sem Exam
30.	Model making / prototyping, Branding, packaging & product graphics, Final presentation and documentation.	Lecture	CO2	Mid Term- 2, Quiz & End Sem Exam

D. Course Articulation Matrix (Mapping of COs with POs)

СО	STATEMENT	CORRELATION WITH PROGRAMME OUTCOMES							PRO	RELAT GRAM CIFIC O	ME							
		P O 1	P O 2	P O 3	P O 4	P O 5	P O 6	P O 7	P O 8	P O 9	P O 1	P O 1	P O 1	PS O1	PS O2	PS O3	PS 04	PS 05
CO 01	The students should be able to apply to develop a design solution by interrelationship of various parameters through design process, gather data, analyze, synthesize. Provide design solution with thrust on critical analysis of existing products, user needs, material specifications, customized production, latest manufacturing technology	3	3	3	3	3	2	3	2	3	3	2	3	-	-	1	3	-
	To understand the inter-relationship of various parameters through design process, gather data, analyze, synthesize and apply to develop a design solution.																	
CO 03	To explore design solution with thrust on critical analysis of existing products, user needs, material specifications, customized production, latest manufacturing technology	3	3	3	3	3	2	3	2	3	3	2	3	-	-	1	3	-

CO 04	The primary									
	objective of a									
	design studio is to									
	inculcate in a									
	student the attitude									
	of evolving a design									
	process for									
	herself/himself									

Sample Question Paper

	•	School of Archited D-SEMESTER (SEM		•			
		Class: BID IV Se	mester				
Subject Name: BID Product Design) 406	Time: 2 Hrs			Ma	x. Marks: 10	
Levels of the questions as per Blooms Taxonomy	Remembering	Understanding	Applying	Analyz	ing	Evaluating	Creating
Question Mapping	Q.1,4	Q.2,3	Q.4	Q.2,5,6	5		

Student will be able to

 ${\bf CO1: List\ the\ broad\ perceptive\ of\ cloud\ architecture\ and\ model}.$

CO2: Apply different cloud programming models as per need.

CO Map	Question No.	Question	Marks
CO1	Q.1	Explain in brief the cloud computing concept.	3
CO1	Q.2a	What are the essential characteristics of cloud computing?	3
	Q.2b	How is cloud computing requirements and cloud servicerequirement services related to each other?	3
CO1	Q.3	Sketch NIST Cloud Computing Reference Architecture and depictits elements	6
CO2	Q.4	Explain the significance of Cloud Reference Model	3

CO2	Q.5a	Elaborate different cloud types with example.	3
CO2	Q.5b	Write characteristics of private cloud.	3
CO2	Q6	How virtualization is applied in cloud computing scenario?	6

Attainments		Rubric
Level	1	IF 60% of students secure more than 60% marks then level 1
Level	2	IF 70% of students secure more than 60% marks then level 2
Level	3	IF 80% of students secure more than 60% marks then level 3

Course outcome: Based on internal and external assessment the level of Course outcome attainment of the course BID/Course code BID 406 is level 2 for the academic year 2021-2022.



AMITY UNIVERSITY MADHYA PRADESH, GWALIOR AMITY SCHOOL OF ARCHITECTURE AND PLANNING DEPARTMENT OF ARCHITECTURE AND PLANNING

PROGRAMME OUTCOMES AND PROGRAMME SPECIFIC OUTCOMES Bachelor of Interior Design (BID), Academic Year – 2021-22

Program Outcomes:

- **PO1. Design Knowledge:** Incorporate a global perspective when making design decisions, based on sustainable, socio-economic, and cultural contexts.
- PO2. Problem Analysis: Apply theories of human behaviour to human-centered design solutions.
- **PO3.** Design/Development of Solutions: Apply the design process to generate creative solutions to complex problems optimizing the human experience within the interior environment. Apply theory, psychology, and methodology of color to designs of the interior environment.
- **PO4. Individual and Team Work:** Collaborate in multi-disciplinary teams respecting a variety of points of view and perspectives that enrich the process and product of the team.
- **PO5. Communication:** Communicate complex ideas clearly to specialists and non-specialists through appropriate oral, written, and representational media.
- **PO6. Life Long Learning:** Exemplify accepted standards of professionalism and business practice including a commitment to engage in lifelong learning.
- **PO7. Context and Society:** Analyze interiors, architecture, the decorative arts, and art within a historical and cultural context to inform contemporary design solutions that relate with the society for whom the design solution is to be provided.
- **PO8. Synthesis of Concepts:** Synthesize theories and concepts of spatial definition and organization into multi-dimensional design solutions.
- **PO9. Modern Technique usage:** Specify furniture, fixtures, and equipment's of finish materials to meet the design criteria for a variety of interior spaces.
- **PO10.** Environment and Sustainability: Apply principles of lighting, acoustics, thermal comfort, and indoor air quality as required to enhance the health, safety, welfare, and performance of building occupants for overall sustainable development of the individuals.
- PO11. Ethics: Comply with laws, codes, and standards that impact fire safety and life safety.

PO12. Project/Construction Management: Produce construction drawings and documents using industry standards for a variety of interior spaces. Employ environment-behaviour research methodologies to address open-ended problems in interior design.

Program Specific Outcome:

As part of the school's charter and mission, Amity School of Architecture and Planning is providing a vibrant planning environment, ensuring its under-graduates are not only valued by the planning practice, but are also able to:

PSO1. Demonstrate critical thinking as they identify, analyze, and solve interior architecture and design problems through completion of interior design studio projects. Apply creative and critical thinking to solve interior environment problems from a human-cantered approach and apply this knowledge to design solutions.

PSO2. Demonstrate preparation for global design practice by incorporating cultural norms of user populations and applying that knowledge to design solutions that support globally diverse end users.

PSO3. Demonstrate effective visual, verbal, and written communication.

PSO4. Apply ethical and professional practices.

PSO5. Demonstrate social responsibility by designing sustainable interior environments that support indoor environmental quality and improve the quality of life for occupants.

PSO6. Engage in integrative professional design practice by contributing interior architecture and design expertise to collaborative design teams.

Note: - Correlation levels 1, 2 and 3 as defined below:

1: Slight (Low), 2: Moderate (Medium) and 3: Substantial (High)

If there is no correlation, put "-"

	PROGRAMME ARTICULATION MATRIX																				
SEM	SUBJECT CODE	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12	PO 13	PO 14	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5	PSO 6
	BID101	3	3	3	3	2	1	2	3	3	1	1	3	3	1	3	3	-	-	2	-
	BID102	2	2	3	2	2	1	-		1	2	2	2	-	1	1	3	-	-	-	-
	BID103	2	2	1	-	3	1	2	3	3	2	1	1	2	2	3	3	1	-	-	-
- 1	BID104	1	1	1	2	-	-	-	2	-	-	-	2	-	-	1	1	-	-	-	-
	BID105	3	2	3	2	1	1	2	3	1	2	-	3	-	1	3	3	-	-	2	-
	BID106	-	1	-	-	-	-	3	2	-	-	-	-	-	1	1	1	-	-	-	-
	BID107	3	2	3	3	1	1	3	-	3	3	-	3	2	3	3	3	3	-	-	-
	BID201	3	2	3	3	2	2	2	3	3	1	1	3	3	1	3	3	-	-	2	-
	BID202	3	-	3	2	2	2	-	1	1	1	3	3	2	1	1	2	-	-	-	-
	BID203	2	2	1	1	3	2	2	3	3	2	1	2	2	1	3	3	1	-	2	-
П	BID204	1	3	1	-	-	-	-	1	1	-	-	2	-	1	1	1	-	-	-	-
	BID205	1	-	3	3	1	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-
	BID206	1	1	-	-	-	-	3	3	3	-	-	-	-	-	1	3	-	-	-	-
	BID207	3	-	1	3	1	1	-	1	3	3	3	3	3	3	3	3	3	-	-	-
	BID301	3	3	3	3	2	2	2	3	3	1	1	2	3	1	3	3	-	-	2	-
	BID302	2	-	3	2	2	2	-	1	1	1	2	2	2	1	1	1	-	-	-	-
	BID303	2	2	2	2	-	3	2	-	1	-	-	-	2	-	1	1	-	-	-	-
Ш	BID304	3	3	-	-	3	-	-	3	3	-	-	-	-	-	1	1	-	-	-	-
	BID305	1	-	3	3	1	2	-	-	-	-	-	-	-	-	1	-	-	-	-	-
	BID306	1	1	-	-	2	-	3	3	3	-	-	-	-	-	-	-	-	-	-	-
	BID307	1	3	1	-	3	-	-	3	3	-	-	-	-	3	-	-	-	-	2	-
	BID401	3	3	3	3	2	2	2	3	3	2	1	2	3	1	3	3	-	-	2	-
	BID402	2	1	3	2	2	2	-	1	-	2	1	2	3	1	1	1	-	-	2	-
	BID403	2	2	2	3	1	2	1	1	-	-	-	-	2	-	3	1	-	-	2	-
IV	BID404	3	-	2	3	1	2	1	1	-	1	2	2	2	-	1	1	-	-	2	-
	BID405	3	1	1	1	1	1	-	3	3	3	2	2	1	1	3	3	-	-	-	-
	BID406	3	3	3	3	3	2	3	2	3	3	2	3	-	-	1	3	-	-	2	-
	BID407	3	2	3	3	2	2	2	2	3	3	-	-	-	1	1	3	-	-	-	-
	BID501	3	3	3	3	2	2	2	3	3	3	1	2	3	1	3	1	-	-	2	-
	BID502	2	1	3	2	2	2	1	1	-	1	1	2	3	1	1	1	-	-	-	-
V	BID503	2	1	2	3	-	3	1	1	-	-	3	-	2	3	3	1	-	-	2	-
V	BID504	2	1	1	3	-	3	-	-	-	-	3	-	2	3	3	1	-	-	2	-
	BID505	1	1	-	-	1	-	3	3	3	-	-	1	-	3	1	1	3	-	-	-
	BID506	3	3	3	3	2	2	3	3	2	3	3	3	3	1	3	3	-	-	2	-
	BID601	3	3	3	3	2	2	2	3	3	3	3	1	3	1	3	3	-	-	2	-
	BID602	1	-	3	3	2	2	2	3	3	-	2	1	-	-	3	3	3	-	-	-
	BID603	3	3	2	2	1	1	1	3	3	1	2	2	2	3	3	3	-	-	-	-
VI	BID604	3	2	3	3	2	2	2	3	3	3	2	3	3	-	3	3	-	-	2	-
	BID605	2	-	1	3	-	-	-	-	-	-	-	-	-	3	3	-	-	-	-	-
	BID606	3	2	3	3	1	2	2	3	3	-	3	-	-	-	3	2	-	-	-	-
	BID607	2	3	3	3	1	2	2	3	3	1	-	-	-	3	3	2	-	-	-	-
VII	BID701	3	3	3	3	2	3	1	3	2	1	-	3	3	3	3	ı	-	-	2	-
VIII	BID 801	3	3	3	3	2	2	2	3	3	1	3	2	3	3	3	3	-	-	2	-

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BID 802	-	-	-	-	1	1	-	1	-	-	-	-	3	3	2	3	3	3	-	3
BID 803	1	-	2	1	1	2	-	2	1	-	1	-	2	3	2	1	2	-	-	-
BID 804	3	1	2	2	2	1	-	2	2	1	-	2	-	-	-	1	-	-	-	-
BID 805	1	3	1	1	2	1	2	1	2	1	1	-	2	1	2	-	-	-	-	-

DEPARTMENT OF ARCHITECTURE & PLANNING

Course Handout

Course :Interior Landscape Design

Course Code: BID 407, Crédits: 02, Session: 2021-22 (Even Sem.), Class: BID 2nd Year

Faculty Name: Ar. Manish Kumar Chitranshi

Introduction:

Laboratory sessions, which support the formal lecture material and also provide the student with practical construction, measurement and debugging skills. Participants are encouraged to engage in active interaction through classroom participation.

A. Course Outcomes: At the end of the course, students will be able to: CO1:The knowledge of landscaping design parameters, landscape elements, plant materials etc. Use in the interiors effectively for aesthetic enhancement and visual comfort.

Co2: To develop a conceptual understanding of landscaping design parameters for various built forms.

CO3: To develop skills in integrating landscape design with built environments. CO4:This course introduces students to the knowledge of landscaping design parameters, landscape elements, plant materials etc. to use in the interiors effectively for aesthetic enhancement and visual comfort.

CO5: Study of landscapes, their use in landscape. Introductions to design principals & methodology of landscape design

B . Programme Outcomes:

- **PO1. Design Knowledge:** Incorporate a global perspective when making design decisions, based on sustainable, socio-economic, and cultural contexts.
- PO2. Problem Analysis: Apply theories of human behaviour to human-centered design

solutions.

- **PO3. Design/Development of Solutions:** Apply the design process to generate creative solutions to complex problems optimizing the human experience within the interior environment. Apply theory, psychology, and methodology of color to designs of the interior environment.
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- **PO12. Project/Construction Management:** Produce construction drawings and documents using industry standards for a variety of interior spaces. Employ environment-behaviour research methodologies to address open-ended problems in interior design.

B. Programme Specific Outcomes:

As part of the school's charter and mission, Amity School of Architecture and Planning is providing a vibrant planning environment, ensuring its undergraduates are not only valued by the planning practice, but are also able to:

PSO1. Demonstrate critical thinking as they identify, analyze, and solve interior architecture and design problems through completion of interior design studio projects. Apply creative and critical thinking to solve interior environment

problems from a human-cantered approach and apply this knowledge to design solutions.

- **PSO2.** Demonstrate preparation for global design practice by incorporating cultural norms of user populations and applying that knowledge to design solutions that support globally diverse end users.
- **PSO3.** Demonstrate effective visual, verbal, and written communication.
- **PSO4.** Apply ethical and professional practices.
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Assessment Plan:

Component	Description	Code	Weightage
of Evaluation			%
Continuous Internal	Mid Term	СТ	10%
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Attendance	A minimum of 75% Attendance is required to be maintained by a studentto be qualified for taking up the End Semester examination. The allowance of 25% includes all types of leaves including medical leaves.	A	5%
End Semester Examination	End Semester	EE	70%
Total	(Viva-Voce)		100%

C. Syllabus

Module I: Introduction to landscape architecture

Descriptors/Topics

role of landscaping design in the built environment. Types of natural elements – stones, rocks, pebbles, water forms, plants and vegetation. Elements of interior

landscape.

Module II: Introduction to study of plants in relation to landscape design and

interiors

Descriptors/Topics

Types of indoor plants, plant characteristics: i.e., biology, soil, moisture, light nutrient, atmospheric conditions, growing medium, pests & diseases. (herbarium)

Botanical nomenclature, anatomy and physiology of plant growth. Indoor plants in

Indian context. Market survey and costs.

Module III: Design with plants

Descriptors/Topics

Basic principles of designs. The physical attribute of plants and relation to design. Appearance, functional and visual effects of plants in landscape design and built environment. Selection and management of plant material in relation to the built environment.

Design concepts related to use of sculpture, lightings, garden furniture, architectural feature and grouping them into meaningful composition s for visual and functional effects.

Module IV: Landscaping design parameters for various types of built forms

Descriptors/Topics

indoor and outdoor linkage to spaces. Landscaping of courtyards- residential and commercial forms. Indoor plants and their visual characteristics- color, texture, foliage. Science of maintaining and growing greenery. Flowers- its colors, texture and its visual perception in various indoor spaces and science of flower arrangement. Automatic irrigation costing and installation of micro irrigation systems.

Components	Attendance	Mid-Term	Assignment	EE
Weightage (%)	5	10	15	70

CT: Class Test, A: Assignment, S/V/Q: Seminar/Viva/Quiz, EE: End Semester Examination; A: Attendance

Text Reading:

- ② Laurie, Michael, An Introduction to Landscape. 2nd edition, PrenticeHall, New Jersey, 1986.
- **Trivedi. P.Prathiba. Beautiful Shrubs. Indian council of AgriculturalResearch.New Delhi, 1990.**
- 2 Hacheat, Blan. PlantDesign.

References:

- ☑ Gerald Robert Vizenor, A Guide to Interior Landscapes, Univ of Minnesota Press, 1990.
- ☑ NelsonHammer and Mel Green, Interior Landscape Design, Mc Graw Hill, 1991

Lecture	Topics	Mode of Delivery	Correspon ding CO	Mode of Assessing CO
1.	role of landscaping design in the built environment. Types of natural elements – stones, rocks, pebbles, water forms, plants and vegetation. Elements of interior landscape.	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
2.	role of landscaping design in the built environment. Types of natural elements – stones, rocks, pebbles, water forms, plants and vegetation. Elements of interior landscape.	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam

3.	role of landscaping design in the built environment. Types of natural elements – stones, rocks, pebbles, water forms, plants and vegetation. Elements of interior landscape.	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
4.	role of landscaping design in the built environment. Types of natural elements – stones, rocks, pebbles, water forms, plants and vegetation. Elements of interior landscape.	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
5.	role of landscaping design in the built environment. Types of natural elements – stones, rocks, pebbles, water forms, plants and vegetation. Elements of interior landscape.	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
6.	role of landscaping design in the built environment. Types of natural elements – stones, rocks, pebbles, water forms, plants and vegetation. Elements of interior landscape.	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
7.	role of landscaping design in the built environment. Types of natural elements –	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam

	stones, rocks, pebbles, water forms, plants and vegetation. Elements of interior landscape.			
8.	Types of indoor plants, plant characteristics: i.e., biology, soil, moisture, light nutrient, atmospheric conditions, growing medium, pests & diseases. (herbarium) Botanical nomenclature, anatomy and physiology of plant growth. Indoor plants in Indian context. Market survey and costs.	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
9.	Types of indoor plants, plant characteristics: i.e., biology, soil, moisture, light nutrient, atmospheric conditions, growing medium, pests & diseases. (herbarium) Botanical nomenclature, anatomy and physiology of plant growth. Indoor plants in Indian context. Market survey and costs.	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
10.	Types of indoor plants, plant characteristics: i.e., biology, soil, moisture, light nutrient, atmospheric conditions, growing medium, pests & diseases. (herbarium)	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam

	Botanical nomenclature, anatomy and physiology of plant growth. Indoor plants in Indian context. Market survey and costs.			
11.	Types of indoor plants, plant characteristics: i.e., biology, soil, moisture, light nutrient, atmospheric conditions, growing medium, pests & diseases. (herbarium) Botanical nomenclature, anatomy and physiology of plant growth. Indoor plants in Indian context. Market survey and costs.	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
12.	Types of indoor plants, plant characteristics: i.e., biology, soil, moisture, light nutrient, atmospheric conditions, growing medium, pests & diseases. (herbarium) Botanical nomenclature, anatomy and physiology of plant growth. Indoor plants in Indian context. Market survey and costs.	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
13.	Types of indoor plants, plant characteristics: i.e., biology, soil, moisture, light	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam

	nutrient, atmospheric conditions, growing medium, pests & diseases. (herbarium) Botanical nomenclature, anatomy and physiology of plant growth. Indoor plants in Indian context. Market survey and costs.			
14.	Types of indoor plants, plant characteristics: i.e., biology, soil, moisture, light nutrient, atmospheric conditions, growing medium, pests & diseases. (herbarium) Botanical nomenclature, anatomy and physiology of plant growth. Indoor plants in Indian context. Market survey and costs.	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
15.	Basic principles of designs. The physical attribute of plants and relation to design. Appearance, functional and visual effects of plants in landscape design and built environment. Selection and management of plant material in relation to the built environment. Design concepts related to use of sculpture, lightings, garden furniture, architectural	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam

	feature and grouping them into meaningful composition s for visual and functional effects.			
16.	Basic principles of designs. The physical attribute of plants and relation to design. Appearance, functional and visual effects of plants in landscape design and built environment. Selection and management of plant material in relation to the built environment. Design concepts related to use of sculpture, lightings, garden furniture, architectural feature and grouping them into meaningful composition s for visual and functional effects.	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
17.	Basic principles of designs. The physical attribute of plants and relation to design. Appearance, functional and visual effects of plants in landscape design and built environment. Selection and management of plant material in relation to the built environment.	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam

	Design concepts related to use of sculpture, lightings, garden furniture, architectural feature and grouping them into meaningful composition s for visual and functional effects.			
18.	Basic principles of designs. The physical attribute of plants and relation to design. Appearance, functional and visual effects of plants in landscape design and built environment. Selection and management of plant material in relation to the built environment. Design concepts related to use of sculpture, lightings, garden furniture, architectural feature and grouping them into meaningful composition s for visual and functional effects.	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
19.	Basic principles of designs. The physical attribute of plants and relation to design. Appearance, functional and visual effects of plants in landscape design and built environment. Selection and management of plant material in relation to the built	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam

20	environment. Design concepts related to use of sculpture, lightings, garden furniture, architectural feature and grouping them into meaningful composition s for visual and functional effects.		604	
20.	Basic principles of designs. The physical attribute of plants and relation to design. Appearance, functional and visual effects of plants in landscape design and built environment. Selection and management of plant material in relation to the built environment. Design concepts related to use of sculpture, lightings, garden furniture, architectural feature and grouping them into meaningful composition s for visual and functional effects.	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
21.	Basic principles of designs. The physical attribute of plants and relation to design. Appearance, functional and visual effects of plants in landscape design and built	Lecture	CO1	Mid Term- 2, Quiz & End Sem Exam

	environment. Selection and management of plant material in relation to the built environment. Design concepts related to use of sculpture, lightings, garden furniture, architectural feature and grouping them into meaningful composition s for visual and functional effects.			
22.	Basic principles of designs. The physical attribute of plants and relation to design. Appearance, functional and visual effects of plants in landscape design and built environment. Selection and management of plant material in relation to the built environment. Design concepts related to use of sculpture, lightings, garden furniture, architectural feature and grouping them into meaningful composition s for visual and functional effects.	Lecture	CO1	Mid Term- 2, Quiz & End Sem Exam
23.	Basic principles of designs. The physical attribute of plants and relation to design.	Lecture	CO1	Mid Term- 2, Quiz & End Sem Exam

24	Appearance, functional and visual effects of plants in landscape design and built environment. Selection and management of plant material in relation to the built environment. Design concepts related to use of sculpture, lightings, garden furniture, architectural feature and grouping them into meaningful composition s for visual and functional effects.		CO1	Mid Town
24.	Basic principles of designs. The physical attribute of plants and relation to design. Appearance, functional and visual effects of plants in landscape design and built environment. Selection and management of plant material in relation to the built environment. Design concepts related to use of sculpture, lightings, garden furniture, architectural feature and grouping them into meaningful composition s for visual and functional effects.	Lecture	CO1	Mid Term- 2, Quiz & End Sem Exam

25.	indoor and outdoor linkage to spaces. Landscaping of courtyards- residential and commercial forms. Indoor plants and their visual characteristics- color, texture, foliage. Science of maintaining and growing greenery. Flowers- its colors, texture and its visual perception in various indoor spaces and science of flower arrangement. Automatic irrigation costing and installation of micro irrigation systems.	Lecture	CO1	Mid Term- 2, Quiz & End Sem Exam
26.	indoor and outdoor linkage to spaces. Landscaping of courtyards- residential and commercial forms. Indoor plants and their visual characteristics- color, texture, foliage. Science of maintaining and growing greenery. Flowers- its colors, texture and its visual perception in various indoor spaces and science of flower arrangement. Automatic irrigation costing and installation of micro irrigation systems.	Lecture	CO2	Mid Term- 2, Quiz & End Sem Exam

27.	indoor and outdoor linkage to spaces. Landscaping of courtyards- residential and commercial forms. Indoor plants and their visual characteristics- color, texture, foliage. Science of maintaining and growing greenery. Flowers- its colors, texture and its visual perception in various indoor spaces and science of flower arrangement. Automatic irrigation costing and installation of micro irrigation systems.	Lecture	CO2	Mid Term- 2, Quiz & End Sem Exam
28.	indoor and outdoor linkage to spaces. Landscaping of courtyards- residential and commercial forms. Indoor plants and their visual characteristics- color, texture, foliage. Science of maintaining and growing greenery. Flowers- its colors, texture and its visual perception in various indoor spaces and science of flower arrangement. Automatic irrigation costing and installation of micro irrigation systems.	Lecture	CO2	Mid Term- 2, Quiz & End Sem Exam

29.	indoor and outdoor linkage to spaces. Landscaping of courtyards- residential and commercial forms. Indoor plants and their visual characteristics- color, texture, foliage. Science of maintaining and growing greenery. Flowers- its colors, texture and its visual perception in various indoor spaces and science of flower arrangement. Automatic irrigation costing and installation of micro irrigation systems.	Lecture	CO2	Mid Term- 2, Quiz & End Sem Exam
30.	indoor and outdoor linkage to spaces. Landscaping of courtyards- residential and commercial forms. Indoor plants and their visual characteristics- color, texture, foliage. Science of maintaining and growing greenery. Flowers- its colors, texture and its visual perception in various indoor spaces and science of flower arrangement. Automatic irrigation costing and installation of micro irrigation systems.	Lecture	CO2	Mid Term- 2, Quiz & End Sem Exam

D. Course Articulation Matrix (Mapping of COs with POs)

СО	STATEMENT		COF	RREL			/ITH COM		GRA	MMI	E			CORRELATION WITH PROGRAMME SPECIFIC OUTCOMES				
		P O 1	P O 2	P O 3	P O 4	P O 5	P O 6	P O 7	P O 8	P O 9	P O 1	P O 1	P O 1 2	PS O1	PS O2	PS O3	PS 04	PS 05
CO 01	The knowledge of landscaping design parameters, landscape elements, plant materials etc. Use in the interiors effectively for aesthetic enhancement and visual comfort.	3	2	3	3	2	2	2	2	3	3	-	-	-	1	1	3	-
CO 02	To develop a conceptual understanding of landscaping design parameters for various built forms.																	
CO 03	To develop skills in integrating landscape design with built environments.	3	2	3	3	2	2	2	2	3	3	1	1	-	1	1	3	-
CO 04	This course introduces students to the knowledge of landscaping design parameters, landscape elements, plant materials etc. to use in the interiors effectively for aesthetic enhancement and																	

	visual comfort.									
CO 05	Study of landscapes, their use in landscape. Introductions to design principals & methodology of landscape design									
	Tamadap d doorgi									

Sample Question Paper

	Amity School of Architecture & Planning I MID-SEMESTER (SEM -IV) 2021-22											
Class: BID IV Semester												
Subject Name: BID Interior Landscape		Time: 2 Hrs			Max. Marks: 10							
Levels of the questions as per Blooms Taxonomy	Remembering	Understanding	Applying	Analyz	zing	Evaluating	Creating					
Question Mapping	Q.1,4	Q.2,3	Q.4	Q.2,5,	6							

Student will be able to

CO1: List the broad perceptive of cloud architecture and model.

CO2: Apply different cloud programming models as per need.

CO Map	Question No.	Question	Marks
CO1	Q.1	Explain in brief the cloud computing concept.	3
CO1	Q.2a	What are the essential characteristics of cloud computing?	3
	Q.2b	How is cloud computing requirements and cloud servicerequirement services related to	3

		each other?	
CO1	Q.3	Sketch NIST Cloud Computing Reference Architecture and depictits elements	6
CO2	Q.4	Explain the significance of Cloud Reference Model	3
CO2	Q.5a	Elaborate different cloud types with example.	3
CO2	Q.5b	Write characteristics of private cloud.	3
CO2	Q6	How virtualization is applied in cloud computing scenario?	6

Attainments	;	Rubric
Level	1	IF 60% of students secure more than 60% marks then level 1
Level	2	IF 70% of students secure more than 60% marks then level 2
Level	3	IF 80% of students secure more than 60% marks then level 3

Course outcome: Based on internal and external assessment the level of Course outcome attainment of the course BID/Course code BID 407 is level 2 for the academic year 2021-2022.

AMITY UNIVERSITY MADHYA PRADESH, GWALIOR AMITY SCHOOL OF ARCHITECTURE AND PLANNING DEPARTMENT OF ARCHITECTURE AND PLANNING

PROGRAMME OUTCOMES AND PROGRAMME SPECIFIC OUTCOMES Bachelor of Interior Design (BID), Academic Year – 2021-22

Program Outcomes:

- **PO1. Design Knowledge:** Incorporate a global perspective when making design decisions, based on sustainable, socio-economic, and cultural contexts.
- PO2. Problem Analysis: Apply theories of human behaviour to human-centered design solutions.
- **PO3.** Design/Development of Solutions: Apply the design process to generate creative solutions to complex problems optimizing the human experience within the interior environment. Apply theory, psychology, and methodology of color to designs of the interior environment.
- **PO4. Individual and Team Work:** Collaborate in multi-disciplinary teams respecting a variety of points of view and perspectives that enrich the process and product of the team.
- **PO5. Communication:** Communicate complex ideas clearly to specialists and non-specialists through appropriate oral, written, and representational media.
- **PO6. Life Long Learning:** Exemplify accepted standards of professionalism and business practice including a commitment to engage in lifelong learning.
- **PO7. Context and Society:** Analyze interiors, architecture, the decorative arts, and art within a historical and cultural context to inform contemporary design solutions that relate with the society for whom the design solution is to be provided.
- **PO8. Synthesis of Concepts:** Synthesize theories and concepts of spatial definition and organization into multi-dimensional design solutions.
- **PO9. Modern Technique usage:** Specify furniture, fixtures, and equipment's of finish materials to meet the design criteria for a variety of interior spaces.
- **PO10.** Environment and Sustainability: Apply principles of lighting, acoustics, thermal comfort, and indoor air quality as required to enhance the health, safety, welfare, and performance of building occupants for overall sustainable development of the individuals.
- PO11. Ethics: Comply with laws, codes, and standards that impact fire safety and life safety.

PO12. Project/Construction Management: Produce construction drawings and documents using industry standards for a variety of interior spaces. Employ environment-behaviour research methodologies to address open-ended problems in interior design.

Program Specific Outcome:

As part of the school's charter and mission, Amity School of Architecture and Planning is providing a vibrant planning environment, ensuring its under-graduates are not only valued by the planning practice, but are also able to:

PSO1. Demonstrate critical thinking as they identify, analyze, and solve interior architecture and design problems through completion of interior design studio projects. Apply creative and critical thinking to solve interior environment problems from a human-cantered approach and apply this knowledge to design solutions.

PSO2. Demonstrate preparation for global design practice by incorporating cultural norms of user populations and applying that knowledge to design solutions that support globally diverse end users.

PSO3. Demonstrate effective visual, verbal, and written communication.

PSO4. Apply ethical and professional practices.

PSO5. Demonstrate social responsibility by designing sustainable interior environments that support indoor environmental quality and improve the quality of life for occupants.

PSO6. Engage in integrative professional design practice by contributing interior architecture and design expertise to collaborative design teams.

Note: - Correlation levels 1, 2 and 3 as defined below:

1: Slight (Low), 2: Moderate (Medium) and 3: Substantial (High)

If there is no correlation, put "-"

	PROGRAMME ARTICULATION MATRIX																				
SEM	SUBJECT CODE	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12	PO 13	PO 14	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5	PSO 6
	BID101	3	3	3	3	2	1	2	3	3	1	1	3	3	1	3	3	-	-	2	-
	BID102	2	2	3	2	2	1	-		1	2	2	2	-	1	1	3	-	-	-	-
	BID103	2	2	1	-	3	1	2	3	3	2	1	1	2	2	3	3	1	-	-	-
I	BID104	1	1	1	2	-	-	-	2	-	-	-	2	-	-	1	1	-	-	-	-
	BID105	3	2	3	2	1	1	2	3	1	2	-	3	-	1	3	3	-	-	2	-
	BID106	-	1	-	-	-	-	3	2	-	-	-	-	-	1	1	1	-	-	-	-
	BID107	3	2	3	3	1	1	3	-	3	3	-	3	2	3	3	3	3	-	-	-
	BID201	3	2	3	3	2	2	2	3	3	1	1	3	3	1	3	3	-	-	2	-
	BID202	3	1	3	2	2	2	-	1	1	1	3	3	2	1	1	2	-	-	-	-
	BID203	2	2	1	1	3	2	2	3	3	2	1	2	2	1	3	3	1	-	2	-
П	BID204	1	3	1	-	-	-	-	1	1	-	-	2	-	1	1	1	-	-	-	-
	BID205	-	1	3	3	1	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-
	BID206	-	1	-	-	-	-	3	3	3	-	-	-	-	-	1	3	-	-	-	-
	BID207	3	-	1	3	1	1	-	1	3	3	3	3	3	3	3	3	3	-	-	-
	BID301	3	3	3	3	2	2	2	3	3	1	1	2	3	1	3	3	-	-	2	-
	BID302	2	-	3	2	2	2	-	1	1	1	2	2	2	1	1	1	-	-	-	-
	BID303	2	2	2	2	-	3	2	-	1	-	-	-	2	-	1	1	-	-	-	-
Ш	BID304	3	3	-	-	3	-	-	3	3	-	-	-	-	-	1	1	-	-	-	-
	BID305	-	1	3	3	1	2	-	-	-	-	-	-	-	-	1	-	-	-	-	-
	BID306	-	1	-	-	2	-	3	3	3	-	-	-	-	-	-	-	-	-	-	-
	BID307	1	3	1	-	3	-	-	3	3	-	-	-	-	3	-	-	-	-	2	-
	BID401	3	3	3	3	2	2	2	3	3	2	1	2	3	1	3	3	-	-	2	-
	BID402	2	1	3	2	2	2	-	1	-	2	1	2	3	1	1	1	-	-	2	-
	BID403	2	2	2	3	1	2	1	1	-	-	-	-	2	-	3	1	-	-	2	-
IV	BID404	3	1	2	3	1	2	1	1	-	1	2	2	2	-	1	1	-	-	2	-
	BID405	3	1	1	1	1	1	-	3	3	3	2	2	1	1	3	3	-	-	-	-
	BID406	3	3	3	3	3	2	3	2	3	3	2	3	-	-	1	3	-	-	2	-
	BID407	3	2	3	3	2	2	2	2	3	3	-	-	-	1	1	3	-	-	-	-
	BID501	3	3	3	3	2	2	2	3	3	3	1	2	3	1	3	1	-	-	2	-
	BID502	2	1	3	2	2	2	-	1	-	1	1	2	3	1	1	1	-	-	-	-
V	BID503	2	1	2	3	-	3	-	1	-	-	3	-	2	3	3	1	-	-	2	-
V	BID504	2	1	1	3	-	3	-	-	-	-	3	-	2	3	3	1	-	-	2	-
	BID505	1	1	ı	-	1	-	3	3	3	-	-	1	-	3	1	1	3	-	-	-
	BID506	3	3	3	3	2	2	3	3	2	3	3	3	3	1	3	3	-	-	2	-
	BID601	3	3	3	3	2	2	2	3	3	3	3	1	3	1	3	3	-	-	2	-
	BID602	1	-	3	3	2	2	2	3	3	-	2	1	-	-	3	3	3	-	-	-
	BID603	3	3	2	2	1	1	1	3	3	1	2	2	2	3	3	3	-	-	-	-
VI	BID604	3	2	3	3	2	2	2	3	3	3	2	3	3	-	3	3	-	-	2	-
	BID605	2	-	1	3	-	-	-	-	-	-	-	-	-	3	3	-	-	-	-	-
	BID606	3	2	3	3	1	2	2	3	3	-	3	-	-	-	3	2	-	-	-	-
	BID607	2	3	3	3	1	2	2	3	3	1	-	-	-	3	3	2	-	-	-	-
VII	BID701	3	3	3	3	2	3	-	3	2	1	-	3	3	3	3	ı	-	-	2	-
VIII	BID 801	3	3	3	3	2	2	2	3	3	1	3	2	3	3	3	3	-	-	2	-

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BID 802	-	-	-	-	1	1	-	1	-	-	-	-	3	3	2	3	3	3	-	3
BID 803	1	-	2	1	1	2	-	2	1	-	1	-	2	3	2	1	2	-	-	-
BID 804	3	1	2	2	2	1	-	2	2	1	-	2	-	-	-	1	-	-	-	-
BID 805	1	3	1	1	2	1	2	1	2	1	1	-	2	1	2	-	-	-	-	-

DEPARTMENT OF ARCHITECTURE & PLANNING

Course Handout

Course: Interior Design Studio - V

Course Code: BID 501, Crédits: 06, Session: 2021-22(Odd Sem.), Class: BID 3rd Year

Faculty Name: Ar. Manish Kumar Chitranshi

- A. Introduction: Laboratory sessions, which support the formal lecture material and also provide the student with practical construction, measurement and debugging skills. Participants are encouraged to engage in active interaction through classroom participation
- **B.** Course Outcomes: At the end of the course, students will be able to: CO1: The students should be able to: Solve technical and practical issues encountered while designing while designing most functional office space.

CO2: This unit focuses and function 3-D and spatial design of offices.

CO3: This unit addresses the technical and practical issues encountered while designing while designing most functional office space.

C. Programme Outcomes:

- **PO1. Design Knowledge:** Incorporate a global perspective when making design decisions, based on sustainable, socio-economic, and cultural contexts.
- **PO2. Problem Analysis:** Apply theories of human behaviour to human-centered design solutions.
- **PO3. Design/Development of Solutions:** Apply the design process to generate creative solutions to complex problems optimizing the human experience within the interior environment. Apply theory, psychology, and methodology of color to designs of the interior environment.
- **PO4. Individual and Team Work:** Collaborate in multi-disciplinary teams respecting a variety of points of view and perspectives that enrich the process and product of the team.

- **PO5. Communication:** Communicate complex ideas clearly to specialists and non-specialists through appropriate oral, written, and representational media.
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- **PO11. Ethics:** Comply with laws, codes, and standards that impact fire safety and life safety.
- **PO12. Project/Construction Management:** Produce construction drawings and documents using industry standards for a variety of interior spaces. Employ environment-behaviour research methodologies to address open-ended problems in interior design.

D. Programme Specific Outcomes:

As part of the school's charter and mission, Amity School of Architecture and Planning is providing a vibrant planning environment, ensuring its undergraduates are not only valued by the planning practice, but are also able to:

- **PSO1.** Demonstrate critical thinking as they identify, analyze, and solve interior architecture and design problems through completion of interior design studio projects. Apply creative and critical thinking to solve interior environment problems from a human-cantered approach and apply this knowledge to design solutions.
- **PSO2.** Demonstrate preparation for global design practice by incorporating cultural norms of user populations and applying that knowledge to design solutions that support globally diverse end users.
- **PSO3.** Demonstrate effective visual, verbal, and written communication.
- **PSO4.** Apply ethical and professional practices.

PSO5. Demonstrate social responsibility by designing sustainable interior environments that support indoor environmental quality and improve the quality of life for occupants.

PSO6. Engage in integrative professional design practice by contributing interior architecture and design expertise to collaborative design teams.

Assessment Plan:

Component	Description	Code	Weightage
of Evaluation			%
Continuous Internal	Mid Term	СТ	10%
Evaluation	Seminar/Quiz/ Assignment	S/Q/A	15%
Attendance	A minimum of 75% Attendance is required to be maintained by a studentto be qualified for taking up the End Semester examination. The allowance of 25% includes all types of leaves including medical leaves.	A	5%
End Semester Examination	End Semester (Viva-Voce)	VV	70%
Total	,		100%

E. Syllabus

Module I: Introduction - Office Design

Descriptors/Topics

Study and research of all interior elements i.e. furniture, false ceiling, light and other equipments required in an office interior and making a presentation of the same.

Module II: : Requirements

Descriptors/Topics

Identifying the needs of the client and understanding the requirements needed for the proper functioning of the office space.

Module III: Concepts

Descriptors/Topics

Developing of concepts for an office interior spaces, Making technical drawings of the design given, Study the materials used in the interior spaces of the building.

Module IV: Presentation

Descriptors/Topics

Final presentation of the work through graphical representation by different techniques.

Examination Scheme:

Components	Attendance	Mid-Term	Assignment	VV
Weightage (%)	5	10	15	70

CT: Class Test, A: Assignment, S/V/Q: Seminar/Viva/Quiz, EE: End Semester Examination; A: Attendance

F. Text Reading:

- [1] Drawing a Creative Process, Francis D.K. Ching
- [2] Design Drawing + CD, Francis D.K. Ching
- [3] Architecture Graphics, Francis D.K. Ching 4th Edition
- [4] Interior design & space planning, Dechiara Pabero Zelnik
- [5] Interior design illustrated, Francis D.K. Ching
- [6] Graphic Interiors, (Space Designed by Graphic Artists), Corina Dean
- [7] Home Plumbing (The David & Charles Manual of), Ernest Hall
- [8] House Book (The Complete Guide to Home Design), Terence Conran
- [9] Illustration + Perspectives (In Pantone Colors)
- [10] Interior Style & Design (Frank Lloyd Wright) Doreem Ehrlich, Eiji Mitooka

References:

- Architectural Graphic standards editor, Boaz Joseph
- Neufert's Architect's data
- Time Saver standards for building types, Editor Joseph D.C. and John Callender.
- Kitchen & Bath, Montse Zapata
- Bed room, Lestey Taylor
- The Curtain Book, Mitchll Beazlty
- Interior Design Visual, Maureen Mitton 2nd Edition
- 100 Bright Ideas For color, Sue Rose
- Window Fashion, Charles T. Randall

G. Lecture Plan

Lecture	Topics	Mode of Delivery	Correspon ding CO	Mode of Assessing CO
1.	Design problem Introduction	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
2.	Design problem	Lecture	CO1	Mid Term-

	Introduction			1, Quiz &
	Introduction			End Sem
				Exam
3.	Docigo problem	Locturo	CO1	Mid Term-
3.	Design problem	Lecture	(01	
	Introduction			1, Quiz &
				End Sem
		<u>.</u>		Exam
4.	Design problem Introduction	Lecture	CO1	Mid Term-
				1, Quiz &
				End Sem
				Exam
5.	Design problem	Lecture	CO1	Mid Term-
	Introduction			1, Quiz &
				End Sem
_	12. 1	<u> </u> .		Exam
6.	Study and research of all	Lecture	CO1	Mid Term-
	interior elements i.e.			1, Quiz &
	furniture, false ceiling, light			End Sem
	and other equipments			Exam
	required in an office			
	interior and making a			
	presentation of the same.			
7.	Study and research of all	Lecture	CO1	Mid Term-
	interior elements i.e.			1, Quiz &
	furniture, false ceiling, light			End Sem
	and other equipments			Exam
	required in an office			
	interior and making a			
•	presentation of the same.		604	
8.	Study and research of all	Lecture	CO1	Mid Term-
	interior elements i.e.			1, Quiz &
	furniture, false ceiling, light			End Sem
	and other equipments			Exam
	required in an office			
	interior and making a			
	presentation of the same.	1	601	▶ ↑ • • • • • • • • • • • • • • • • • • •
9.	Study and research of all	Lecture	CO1	Mid Term-
	interior elements i.e.			1, Quiz &
	furniture, false ceiling, light			End Sem
	and other equipments			Exam
	required in an office			
	interior and making a			
10	presentation of the same.		001	n at 1 ==
10.	Study and research of all	Lecture	CO1	Mid Term-
	interior elements i.e.			1, Quiz &
	furniture, false ceiling, light			End Sem

	and other equipments			Exam
	and other equipments required in an office			EXCIII
	interior and making a			
	presentation of the same.			
11.	<u> </u>	Lecture	CO1	Mid Term-
11.	Study and research of all interior elements i.e.	Lecture	1001	
				1, Quiz &
	furniture, false ceiling, light			End Sem Exam
	and other equipments			EXdIII
	required in an office			
	interior and making a			
12	presentation of the same.	Lockers	601	NA: al Taures
12.	Study and research of all	Lecture	CO1	Mid Term-
	interior elements i.e.			1, Quiz &
	furniture, false ceiling, light			End Sem
	and other equipments			Exam
	required in an office			
	interior and making a			
12	presentation of the same.	 	001	s at 1 ==
13.	Study and research of all	Lecture	CO1	Mid Term-
	interior elements i.e.			1, Quiz &
	furniture, false ceiling, light			End Sem
	and other equipments			Exam
	required in an office			
	interior and making a			
_	presentation of the same.			
14.	Study and research of all	Lecture	CO1	Mid Term-
	interior elements i.e.			1, Quiz &
	furniture, false ceiling, light			End Sem
	and other equipments			Exam
	required in an office			
	interior and making a			
	presentation of the same.			–
15.	Study and research of all	Lecture	CO1	Mid Term-
	interior elements i.e.			1, Quiz &
	furniture, false ceiling, light			End Sem
	and other equipments			Exam
	required in an office			
	interior and making a			
	presentation of the same.			
16.	Study and research of all	Lecture	CO1	Mid Term-
	interior elements i.e.			1, Quiz &
	furniture, false ceiling, light			End Sem
	and other equipments			Exam
	required in an office			
	interior and making a			
	presentation of the same.			

	T		1	
17.	Study and research of all interior elements i.e. furniture, false ceiling, light and other equipments required in an office interior and making a presentation of the same.	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
18.	Study and research of all interior elements i.e. furniture, false ceiling, light and other equipments required in an office interior and making a presentation of the same.	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
19.	Study and research of all interior elements i.e. furniture, false ceiling, light and other equipments required in an office interior and making a presentation of the same.	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
20.	Study and research of all interior elements i.e. furniture, false ceiling, light and other equipments required in an office interior and making a presentation of the same.	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
21.	Study and research of all interior elements i.e. furniture, false ceiling, light and other equipments required in an office interior and making a presentation of the same.	Lecture	CO1	Mid Term- 2, Quiz & End Sem Exam
22.	Study and research of all interior elements i.e. furniture, false ceiling, light and other equipments required in an office interior and making a presentation of the same.	Lecture	CO1	Mid Term- 2, Quiz & End Sem Exam
23.	Study and research of all interior elements i.e. furniture, false ceiling, light and other equipments	Lecture	CO1	Mid Term- 2, Quiz & End Sem Exam

	required in an office			
	interior and making a			
	presentation of the same.			
24.	Study and research of all	Lecture	CO1	Mid Term-
	interior elements i.e.			2, Quiz &
	furniture, false ceiling, light			End Sem
	and other equipments			Exam
	required in an office			
	interior and making a			
	presentation of the same.			
25.	Study and research of all	Lecture	CO1	Mid Term-
	interior elements i.e.			2, Quiz &
	furniture, false ceiling, light			End Sem
	and other equipments			Exam
	required in an office			
	interior and making a			
	presentation of the same.			
26.	Study and research of all	Lecture	CO2	Mid Term-
	interior elements i.e.			2, Quiz &
	furniture, false ceiling, light			End Sem
	and other equipments			Exam
	required in an office			
	interior and making a			
	presentation of the same.			
27.	Study and research of all	Lecture	CO2	Mid Term-
	interior elements i.e.			2, Quiz &
	furniture, false ceiling, light			End Sem
	and other equipments			Exam
	required in an office			
	interior and making a			
	presentation of the same.			
28.	Identifying the needs of	Lecture	CO2	Mid Term-
	the client and			2, Quiz &
	understanding the			End Sem
	requirements needed for			Exam
	the proper functioning of			
29.	the office space.	Lecture	CO2	Mid Term-
23.	Identifying the needs of the	Lecture	CO2	
	client and understanding			2, Quiz &
	the requirements needed			End Sem
	for the proper functioning			Exam
20	of the office space.	l a atoma	603	NA: al Tarres
30.	Identifying the needs of the	Lecture	CO2	Mid Term-
	client and understanding			2, Quiz &
	the requirements needed			End Sem
	for the proper functioning			Exam
	of the office space.			

24		Lastina	603	NA: al Taurea
31.	Identifying the needs of the	Lecture	CO2	Mid Term-
	client and understanding			2, Quiz &
	the requirements needed			End Sem
	for the proper functioning			Exam
	of the office space.			
32.	Identifying the needs of the	Lecture	CO2	Mid Term-
	client and understanding			2, Quiz &
	the requirements needed			End Sem
	for the proper functioning			Exam
	of the office space.			
33.	Identifying the needs of the	Lecture	CO2	Mid Term-
	client and understanding			2, Quiz &
	the requirements needed			End Sem
	for the proper functioning			Exam
	of the office space.			
34.	Identifying the needs of the	Lecture	CO2	Mid Term-
	client and understanding			2, Quiz &
	the requirements needed			End Sem
	for the proper functioning			Exam
	of the office space.			
35.	Identifying the needs of the	Lecture	CO2	Mid Term-
	client and understanding			2, Quiz &
	the requirements needed			End Sem
	for the proper functioning			Exam
	of the office space.			
36.	Identifying the needs of the	Lecture	CO2	Mid Term-
	client and understanding			2, Quiz &
	the requirements needed			End Sem
	for the proper functioning			Exam
	of the office space.			
37.	Identifying the needs of the	Lecture	CO2	Quiz &
	client and understanding			End Sem
	the requirements needed			Exam
	for the proper functioning			273111
	of the office space.			
38.	Identifying the needs of the	Lecture	CO2	Quiz &
50.	client and understanding	Lecture	102	End Sem
	the requirements needed			Exam
	-			LXdIII
	for the proper functioning of the office space.			
39.	Identifying the needs of the	Lecture	CO2	Quiz &
39.		Lecture	CO2	End Sem
	client and understanding			
	the requirements needed			Exam
	for the proper functioning			
40	of the office space.	1	600	0 : 0
40.	Identifying the needs of the	Lecture	CO2	Quiz &

	client and understanding the requirements needed for the proper functioning of the office space.			End Sem Exam
41.	Identifying the needs of the client and understanding the requirements needed for the proper functioning of the office space.	Lecture	CO2	Quiz & End Sem Exam
42.	Identifying the needs of the client and understanding the requirements needed for the proper functioning of the office space.	Lecture	CO2	Quiz & End Sem Exam
43.	Identifying the needs of the client and understanding the requirements needed for the proper functioning of the office space.	Lecture	CO2	Quiz & End Sem Exam
44.	Identifying the needs of the client and understanding the requirements needed for the proper functioning of the office space.	Lecture	CO2	Quiz & End Sem Exam
45.	Identifying the needs of the client and understanding the requirements needed for the proper functioning of the office space.	Lecture	CO2	Quiz & End Sem Exam
46.	Identifying the needs of the client and understanding the requirements needed for the proper functioning of the office space.	Lecture	CO2	Quiz & End Sem Exam
47.	Identifying the needs of the client and understanding the requirements needed for the proper functioning of the office space.	Lecture	CO2	Quiz & End Sem Exam
48.	Identifying the needs of the client and understanding the requirements needed for the proper functioning of the office space.	Lecture	CO2	Quiz & End Sem Exam

49.	Identifying the needs of the	Lecture	CO2	Quiz &
	client and understanding the requirements needed for the proper functioning of the office space.			End Sem Exam
50.	Identifying the needs of the client and understanding the requirements needed for the proper functioning of the office space.	Lecture	CO2	Quiz & End Sem Exam
51.	Developing of concepts for an office interior spaces, Making technical drawings of the design given, Study the materials used in the interior spaces of the building.	Lecture	CO3	Quiz & End Sem Exam
52.	Developing of concepts for an office interior spaces, Making technical drawings of the design given, Study the materials used in the interior spaces of the building.	Lecture	CO3	Quiz & End Sem Exam
53.	Developing of concepts for an office interior spaces, Making technical drawings of the design given, Study the materials used in the interior spaces of the building.	Lecture	CO3	Quiz & End Sem Exam
54.	Developing of concepts for an office interior spaces, Making technical drawings of the design given, Study the materials used in the interior spaces of the building.	Lecture	CO3	Quiz & End Sem Exam
55.	Developing of concepts for an office interior spaces, Making technical drawings of the design given, Study the materials used in the interior spaces of the building.	Lecture	CO3	Quiz & End Sem Exam
56.	Developing of concepts for an office interior spaces, Making technical drawings of the design given, Study the materials used in the interior spaces of the building.	Lecture	CO3	Quiz & End Sem Exam

57.	Developing of concepts for an office interior spaces, Making technical drawings of the design given, Study the materials used in the interior spaces of the building. Developing of concepts for an office interior spaces, Making technical drawings of the design given, Study the materials used	Lecture	CO3	Quiz & End Sem Exam Quiz & End Sem Exam
	in the interior spaces of the building.			
59.	Developing of concepts for an office interior spaces, Making technical drawings of the design given, Study the materials used in the interior spaces of the building.	Lecture	CO3	Quiz & End Sem Exam
60.	Developing of concepts for an office interior spaces, Making technical drawings of the design given, Study the materials used in the interior spaces of the building.	Lecture	CO3	Quiz & End Sem Exam
61.	Developing of concepts for an office interior spaces, Making technical drawings of the design given, Study the materials used in the interior spaces of the building.	Lecture	CO3	Quiz & End Sem Exam
62.	Developing of concepts for an office interior spaces, Making technical drawings of the design given, Study the materials used in the interior spaces of the building.	Lecture	CO3	Quiz & End Sem Exam
63.	Developing of concepts for an office interior spaces, Making technical drawings of the design given, Study the materials used in the interior spaces of the building.	Lecture	CO3	Quiz & End Sem Exam

64.	Developing of concepts for an office interior spaces, Making technical drawings of the design given, Study the materials used in the interior spaces of the building.	Lecture	CO3	Quiz & End Sem Exam
65.	Developing of concepts for an office interior spaces, Making technical drawings of the design given, Study the materials used in the interior spaces of the building.	Lecture	CO3	Quiz & End Sem Exam
66.	Developing of concepts for an office interior spaces, Making technical drawings of the design given, Study the materials used in the interior spaces of the building.	Lecture	CO3	Quiz & End Sem Exam
67.	Developing of concepts for an office interior spaces, Making technical drawings of the design given, Study the materials used in the interior spaces of the building.	Lecture	CO3	Quiz & End Sem Exam
68.	Developing of concepts for an office interior spaces, Making technical drawings of the design given, Study the materials used in the interior spaces of the building.	Lecture	CO3	Quiz & End Sem Exam
69.	Developing of concepts for an office interior spaces, Making technical drawings of the design given, Study the materials used in the interior spaces of the building.	Lecture	CO3	Quiz & End Sem Exam
70.	Developing of concepts for an office interior spaces, Making technical drawings of the design given, Study the materials used in the interior spaces of the building.	Lecture	CO3	Quiz & End Sem Exam

71.	Developing of concepts for an office interior spaces, Making technical drawings of the design given, Study the materials used in the interior spaces of the building.	Lecture	CO3	Quiz & End Sem Exam
72.	Developing of concepts for an office interior spaces, Making technical drawings of the design given, Study the materials used in the interior spaces of the building.	Lecture	CO3	Quiz & End Sem Exam
73.	Design should be presented in 3D drawings (perspectives, axonometric, isometric views) rendered with textures, colors, patterns etc.	Lecture	CO3	Quiz & End Sem Exam
74.	Design should be presented in 3D drawings (perspectives, axonometric, isometric views) rendered with textures, colors, patterns etc.	Lecture	CO3	Quiz & End Sem Exam
75.	Design should be presented in 3D drawings (perspectives, axonometric, isometric views) rendered with textures, colors, patterns etc.	Lecture	CO3	Quiz & End Sem Exam
76.	Final presentation of the work through graphical representation by different techniques.	Lecture	CO3	Quiz & End Sem Exam
77.	Final presentation of the work through graphical representation by different techniques.	Lecture	CO3	Quiz & End Sem Exam
78.	Final presentation of the work through graphical representation by different techniques.	Lecture	CO3	Quiz & End Sem Exam
79.	Final presentation of the work through graphical representation by different techniques.	Lecture	CO3	Quiz & End Sem Exam

80.	Final presentation of the work through graphical representation by different techniques.	Lecture	CO3	Quiz & End Sem Exam
81.	Final presentation of the work through graphical representation by different techniques.	Lecture	CO3	Quiz & End Sem Exam
82.	Final presentation of the work through graphical representation by different techniques.	Lecture	CO3	Quiz & End Sem Exam
83.	Final presentation of the work through graphical representation by different techniques.	Lecture	CO3	Quiz & End Sem Exam
84.	Final presentation of the work through graphical representation by different techniques.	Lecture	CO3	Quiz & End Sem Exam
85.	Final presentation of the work through graphical representation by different techniques.	Lecture	CO3	Quiz & End Sem Exam
86.	Final presentation of the work through graphical representation by different techniques.	Lecture	CO3	Quiz & End Sem Exam
87.	Final presentation of the work through graphical representation by different techniques.	Lecture	CO3	Quiz & End Sem Exam
88.	Final presentation of the work through graphical representation by different techniques.	Lecture	CO3	Quiz & End Sem Exam
89.	Final presentation of the work through graphical representation by different techniques.	Lecture	CO3	Quiz & End Sem Exam
90.	Final presentation of the work through graphical representation by different techniques.	Lecture	CO3	Quiz & End Sem Exam

H. Course Articulation Matrix (Mapping of COs with POs)

СО	STATEMENT	CORRELATION WITH PROGRAMME OUTCOMES									CORRELATION WITH PROGRAMME SPECIFIC OUTCOMES							
		P O 1	P O 2	P O 3	P O 4	P O 5	P O 6	P O 7	P O 8	P O 9	P O 1	P O 1	P O 1	PS O1	PS O2	PS O3	PS 04	PS 05
CO 01	Apply knowledge of construction material, methods, and process to transform idea in to design;	3	3	3	3	2	2	2	3	3	3	1	2	3	1	3	1	-
CO 02	Develop the design for all kind of wooden material, Staircase, door, window, glazed window and partition, paneling and storage cabinet;																	
CO 03	Compare different design suiting the purpose/function and principles of design;	3	3	3	3	2	2	2	3	3	3	1	2	3	1	3	1	-

Sample Question Paper

	Amity School of Architecture & Planning MID-SEMESTER (SEM –V) 2021-22									
	Class: BID V Semester									
Subject Name: BID Interior Design Stu		Time: 2 Hrs			Max. Marks: 10					
Levels of the questions as per Blooms Taxonomy	Remembering	Understanding	Applying	Analyz	zing	Evaluating	Creating			
Question Mapping	Q.1,4	Q.2,3	Q.4	Q.2,5,	6					

Student will be able to

CO1: List the broad perceptive of cloud architecture and model. CO2: Apply different cloud programming models as per need.

CO Map	Question No.	Question	Marks
CO1	Q.1	Explain in brief the cloud computing concept.	3
CO1	Q.2a	What are the essential characteristics of cloud computing?	3
	Q.2b	How is cloud computing requirements and cloud servicerequirement services related to each other?	3
CO2	Q.3	Sketch NIST Cloud Computing Reference Architecture and depictits elements	6
CO2	Q.4	Explain the significance of Cloud Reference Model	3
603	Q.5a	Elaborate different cloud types with example.	3
CO3	Q.5b	Write characteristics of private cloud.	3
CO3	Q6	How virtualization is applied in cloud computing scenario?	6

Attainments	3	Rubric
Level	1	IF 60% of students secure more than 60% marks then level 1
Level	2	IF 70% of students secure more than 60% marks then level 2
Level	3	IF 80% of students secure more than 60% marks then level 3
Level	3	IF 80% of students secure more than 60% marks then level 3

Course outcome: Based on internal and external assessment the level of Course outcome attainment of the course BID/Course code BID 501 is level 2 for the academic year 2021-2022.



AMITY UNIVERSITY MADHYA PRADESH, GWALIOR AMITY SCHOOL OF ARCHITECTURE AND PLANNING DEPARTMENT OF ARCHITECTURE AND PLANNING

PROGRAMME OUTCOMES AND PROGRAMME SPECIFIC OUTCOMES Bachelor of Interior Design (BID), Academic Year – 2021-22

Program Outcomes:

- **PO1. Design Knowledge:** Incorporate a global perspective when making design decisions, based on sustainable, socio-economic, and cultural contexts.
- PO2. Problem Analysis: Apply theories of human behaviour to human-centered design solutions.
- **PO3.** Design/Development of Solutions: Apply the design process to generate creative solutions to complex problems optimizing the human experience within the interior environment. Apply theory, psychology, and methodology of color to designs of the interior environment.
- **PO4. Individual and Team Work:** Collaborate in multi-disciplinary teams respecting a variety of points of view and perspectives that enrich the process and product of the team.
- **PO5. Communication:** Communicate complex ideas clearly to specialists and non-specialists through appropriate oral, written, and representational media.
- **PO6. Life Long Learning:** Exemplify accepted standards of professionalism and business practice including a commitment to engage in lifelong learning.
- **PO7. Context and Society:** Analyze interiors, architecture, the decorative arts, and art within a historical and cultural context to inform contemporary design solutions that relate with the society for whom the design solution is to be provided.
- **PO8. Synthesis of Concepts:** Synthesize theories and concepts of spatial definition and organization into multi-dimensional design solutions.
- **PO9. Modern Technique usage:** Specify furniture, fixtures, and equipment's of finish materials to meet the design criteria for a variety of interior spaces.
- **PO10.** Environment and Sustainability: Apply principles of lighting, acoustics, thermal comfort, and indoor air quality as required to enhance the health, safety, welfare, and performance of building occupants for overall sustainable development of the individuals.
- PO11. Ethics: Comply with laws, codes, and standards that impact fire safety and life safety.

PO12. Project/Construction Management: Produce construction drawings and documents using industry standards for a variety of interior spaces. Employ environment-behaviour research methodologies to address open-ended problems in interior design.

Program Specific Outcome:

As part of the school's charter and mission, Amity School of Architecture and Planning is providing a vibrant planning environment, ensuring its under-graduates are not only valued by the planning practice, but are also able to:

PSO1. Demonstrate critical thinking as they identify, analyze, and solve interior architecture and design problems through completion of interior design studio projects. Apply creative and critical thinking to solve interior environment problems from a human-cantered approach and apply this knowledge to design solutions.

PSO2. Demonstrate preparation for global design practice by incorporating cultural norms of user populations and applying that knowledge to design solutions that support globally diverse end users.

PSO3. Demonstrate effective visual, verbal, and written communication.

PSO4. Apply ethical and professional practices.

PSO5. Demonstrate social responsibility by designing sustainable interior environments that support indoor environmental quality and improve the quality of life for occupants.

PSO6. Engage in integrative professional design practice by contributing interior architecture and design expertise to collaborative design teams.

Note: - Correlation levels 1, 2 and 3 as defined below:

1: Slight (Low), 2: Moderate (Medium) and 3: Substantial (High)

If there is no correlation, put "-"

PROGRAMME ARTICULATION MATRIX																					
SEM	SUBJECT CODE	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12	PO 13	PO 14	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5	PSO 6
	BID101	3	3	3	3	2	1	2	3	3	1	1	3	3	1	3	3	-	-	2	-
	BID102	2	2	3	2	2	1	-		1	2	2	2	-	1	1	3	-	-	-	-
	BID103	2	2	1	-	3	1	2	3	3	2	1	1	2	2	3	3	1	-	-	-
- 1	BID104	1	1	1	2	-	-	-	2	-	-	-	2	-	-	1	1	-	-	-	-
	BID105	3	2	3	2	1	1	2	3	1	2	-	3	-	1	3	3	-	-	2	-
	BID106	-	1	-	-	-	-	3	2	-	-	-	-	-	1	1	1	-	-	-	-
	BID107	3	2	3	3	1	1	3	-	3	3	-	3	2	3	3	3	3	-	-	-
	BID201	3	2	3	3	2	2	2	3	3	1	1	3	3	1	3	3	-	-	2	-
	BID202	3	-	3	2	2	2	-	1	1	1	3	3	2	1	1	2	-	-	-	-
	BID203	2	2	1	1	3	2	2	3	3	2	1	2	2	1	3	3	1	-	2	-
П	BID204	1	3	1	-	-	-	-	1	1	-	-	2	-	1	1	1	-	-	-	-
	BID205	1	-	3	3	1	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-
	BID206	1	1	-	-	-	-	3	3	3	-	-	-	-	-	1	3	-	-	-	-
	BID207	3	-	1	3	1	1	-	1	3	3	3	3	3	3	3	3	3	-	-	-
	BID301	3	3	3	3	2	2	2	3	3	1	1	2	3	1	3	3	-	-	2	-
	BID302	2	-	3	2	2	2	-	1	1	1	2	2	2	1	1	1	-	-	-	-
	BID303	2	2	2	2	-	3	2	-	1	-	-	-	2	-	1	1	-	-	-	-
Ш	BID304	3	3	-	-	3	-	-	3	3	-	-	-	-	-	1	1	-	-	-	-
	BID305	1	-	3	3	1	2	-	-	-	-	-	-	-	-	1	-	-	-	-	-
	BID306	1	1	-	-	2	-	3	3	3	-	-	-	-	-	-	-	-	-	-	-
	BID307	1	3	1	-	3	-	-	3	3	-	-	-	-	3	-	-	-	-	2	-
	BID401	3	3	3	3	2	2	2	3	3	2	1	2	3	1	3	3	-	-	2	-
	BID402	2	1	3	2	2	2	-	1	-	2	1	2	3	1	1	1	-	-	2	-
	BID403	2	2	2	3	1	2	1	1	-	-	-	-	2	-	3	1	-	-	2	-
IV	BID404	3	-	2	3	1	2	1	1	-	1	2	2	2	-	1	1	-	-	2	-
	BID405	3	1	1	1	1	1	-	3	3	3	2	2	1	1	3	3	-	-	-	-
	BID406	3	3	3	3	3	2	3	2	3	3	2	3	-	-	1	3	-	-	2	-
	BID407	3	2	3	3	2	2	2	2	3	3	-	-	-	1	1	3	-	-	-	-
	BID501	3	3	3	3	2	2	2	3	3	3	1	2	3	1	3	1	-	-	2	-
	BID502	2	1	3	2	2	2	1	1	-	1	1	2	3	1	1	1	-	-	-	-
V	BID503	2	1	2	3	-	3	1	1	-	-	3	-	2	3	3	1	-	-	2	-
V	BID504	2	1	1	3	-	3	-	-	-	-	3	-	2	3	3	1	-	-	2	-
	BID505	1	1	-	-	1	-	3	3	3	-	-	1	-	3	1	1	3	-	-	-
	BID506	3	3	3	3	2	2	3	3	2	3	3	3	3	1	3	3	-	-	2	-
	BID601	3	3	3	3	2	2	2	3	3	3	3	1	3	1	3	3	-	-	2	-
	BID602	1	-	3	3	2	2	2	3	3	-	2	1	-	-	3	3	3	-	-	-
	BID603	3	3	2	2	1	1	1	3	3	1	2	2	2	3	3	3	-	-	-	-
VI	BID604	3	2	3	3	2	2	2	3	3	3	2	3	3	-	3	3	-	-	2	-
	BID605	2	-	1	3	-	-	-	-	-	-	-	-	-	3	3	-	-	-	-	-
	BID606	3	2	3	3	1	2	2	3	3	-	3	-	-	-	3	2	-	-	-	-
	BID607	2	3	3	3	1	2	2	3	3	1	-	-	-	3	3	2	-	-	-	-
VII	BID701	3	3	3	3	2	3	1	3	2	1	-	3	3	3	3	ı	-	-	2	-
VIII	BID 801	3	3	3	3	2	2	2	3	3	1	3	2	3	3	3	3	-	-	2	-

			i						i											
BID 802	-	-	-	-	1	1	-	1	-	-	-	-	3	3	2	3	3	3	-	3
BID 803	1	-	2	1	1	2	-	2	1	-	1	-	2	3	2	1	2	-	-	-
BID 804	3	1	2	2	2	1	-	2	2	1	-	2	-	-	-	1	-	-	-	-
BID 805	1	3	1	1	2	1	2	1	2	1	1	-	2	1	2	-	-	-	-	-

DEPARTMENT OF ARCHITECTURE & PLANNING

Course Handout

Course :: Material & Construction Techniques – IV

Course Code: BID 502, Crédits: 03, Session: 2021-22(Odd Sem.), Class: BID 3rd Year

Faculty Name: Ar. Manish Kumar Chitranshi

- A. Introduction: •Laboratory sessions, which support the formal lecture material and also provide the student with practical construction, measurement and debugging skills. Participants are encouraged to engage in active interaction through classroom participation
- **B.** Course Outcomes: At the end of the course, students will be able to:
 - CO1: To introduce and familiarize the students with the various construction equipment required for speedy and effective construction work.
 - CO2: To study the causes and remedies of various defects in existing and new construction.
 - CO3: . Understanding the need and application of modular coordination in buildings.

C. Programme Outcomes:

- **PO1. Design Knowledge:** Incorporate a global perspective when making design decisions, based on sustainable, socio-economic, and cultural contexts.
- **PO2. Problem Analysis:** Apply theories of human behaviour to human-centered design solutions.
- **PO3. Design/Development of Solutions:** Apply the design process to generate creative solutions to complex problems optimizing the human experience within the interior environment. Apply theory, psychology, and methodology of color to designs of the interior environment.

- **PO4. Individual and Team Work:** Collaborate in multi-disciplinary teams respecting a variety of points of view and perspectives that enrich the process and product of the team.
- **PO5. Communication:** Communicate complex ideas clearly to specialists and non-specialists through appropriate oral, written, and representational media.
- **PO6. Life Long Learning:** Exemplify accepted standards of professionalism and business practice including a commitment to engage in lifelong learning.
- **PO7. Context and Society:** Analyze interiors, architecture, the decorative arts, and art within a historical and cultural context to inform contemporary design solutions that relate with the society for whom the design solution is to be provided.
- **PO8. Synthesis of Concepts:** Synthesize theories and concepts of spatial definition and organization into multi-dimensional design solutions.
- **PO9. Modern Technique usage:** Specify furniture, fixtures, and equipment's of finish materials to meet the design criteria for a variety of interior spaces.
- **PO10. Environment and Sustainability:** Apply principles of lighting, acoustics, thermal comfort, and indoor air quality as required to enhance the health, safety, welfare, and performance of building occupants for overall sustainable development of the individuals.
- **PO11. Ethics:** Comply with laws, codes, and standards that impact fire safety and life safety.
- **PO12. Project/Construction Management:** Produce construction drawings and documents using industry standards for a variety of interior spaces. Employ environment-behaviour research methodologies to address open-ended problems in interior design.

D. Programme Specific Outcomes:

As part of the school's charter and mission, Amity School of Architecture and Planning is providing a vibrant planning environment, ensuring its undergraduates are not only valued by the planning practice, but are also able to:

- **PSO1.** Demonstrate critical thinking as they identify, analyze, and solve interior architecture and design problems through completion of interior design studio projects. Apply creative and critical thinking to solve interior environment problems from a human-cantered approach and apply this knowledge to design solutions.
- **PSO2.** Demonstrate preparation for global design practice by incorporating cultural norms of user populations and applying that knowledge to design solutions that support globally diverse end users.

PSO3. Demonstrate effective visual, verbal, and written communication.

PSO4. Apply ethical and professional practices.

PSO5. Demonstrate social responsibility by designing sustainable interior environments that support indoor environmental quality and improve the quality of life for occupants.

PSO6. Engage in integrative professional design practice by contributing interior architecture and design expertise to collaborative design teams.

Assessment Plan:

Component	Description	Code	Weightage
of Evaluation			%
Continuous Internal	Mid Term	СТ	10%
Evaluation	Seminar/Quiz/	S/Q/A	15%
	Assignment		
Attendance	A minimum of 75%	Α	5%
	Attendance is required to be		
	maintained by a studentto be		
	qualified for taking up the End		
	Semester examination. The		
	allowance of 25% includes all		
	types of leaves		
	including medical leaves.		
End Semester	End Semester	EE	70%
Examination	(Viva-Voce)		
Total			100%

E. Syllabus

Module 1: Vertical Components connecting the building - Ramps

Descriptors/Topics

Study and designing of vertical connecting components namely as Ramps, etc. with use of various construction materials for interior purpose, their design parameters depending on quantum of use, feasibility, functionality, aesthetics etc.

Module II: Vertical Components connecting the building – Staircases and Lifts Descriptors/Topics

Study of different types of stairs, different types of materials used for finishes, their advantages, disadvantages, and application methods. Introducing types of lifts with their materials & specifications.

Module III: Parapets and Railings

Descriptors/Topics

Study of various types of parapets and Railings, different types of materials used for railings and parapets, varieties of railing designs used for railings in interiors along with their design thumb rules, execution aspects, aesthetic qualities, etc.

Module IV: Modular Construction and Prefabrication

Descriptors/Topics

Assembly of components, modules, Standardization in buildings and design their components.

Module V: Commercial Interior, Office Interior, Industrial Interiors

Descriptors/Topics

Structural steel works, Portal Frame Construction Techniques and construction materials.

Examination Scheme:

Components	Attendance	Mid-Term	Assignment	VV
Weightage (%)	5	10	15	70

CT: Class Test, A: Assignment, S/V/Q: Seminar/Viva/Quiz, EE: End Semester Examination; A: Attendance

F. Text Reading:

- [1] Building Construction Vol-1 to 4,W.B.Mckay, J.K. Mckay
- [2] The Construction of Building Vol- 1 to 5, R. Barry
- [3] Building Construction, N.L. Arora &, B.R. Gupta

References:

- Design for Living, R.L. BAWA, Boniface G. Fernandes
- Metric Hand book (Planning and Design), David Alder
- Building Construction illustrated, Francis D.K, Ching 3rd Edition

G. Lecture Plan

Lecture	Topics	Mode of Delivery	Correspon ding CO	Mode of Assessing CO
1.	Design problem Introduction	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
2.	Design problem Introduction	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam

	Ta ·	1	004	NA: 1 =
3.	Design problem	Lecture	CO1	Mid Term-
	Introduction			1, Quiz &
				End Sem
				Exam
4.	Design problem Introduction	Lecture	CO1	Mid Term-
				1, Quiz &
				End Sem
				Exam
5.	Design problem	Lecture	CO1	Mid Term-
	Introduction			1, Quiz &
				End Sem
				Exam
6.	Study and designing of	Lecture	CO1	Mid Term-
	vertical connecting			1, Quiz &
	components namely as			End Sem
	Ramps, etc. with use of			Exam
	various construction			
	materials for interior			
	purpose , their design			
	parameters depending on			
	quantum of use, feasibility,			
	functionality, aesthetics			
	etc.			
7.	Study and designing of	Lecture	CO1	Mid Term-
	vertical connecting			1, Quiz &
	components namely as			End Sem
	Ramps, etc. with use of			Exam
	various construction			
	materials for interior			
	purpose , their design			
	parameters depending on			
	quantum of use, feasibility,			
	functionality, aesthetics			
	etc.			
8.	Study and designing of	Lecture	CO1	Mid Term-
	vertical connecting			1, Quiz &
	components namely as			End Sem
	Ramps, etc. with use of			Exam
	various construction			
	materials for interior			
	purpose , their design			
	parameters depending on			
	quantum of use, feasibility,			
	functionality, aesthetics			
1	• •			
	etc.			

	1			
	vertical connecting			1, Quiz &
	components namely as			End Sem
	Ramps, etc. with use of			Exam
	various construction			
	materials for interior			
	purpose , their design			
	parameters depending on			
	quantum of use, feasibility,			
	functionality, aesthetics			
	etc.			
10.	Study and designing of	Lecture	CO1	Mid Term-
10.	vertical connecting	Lecture	601	1, Quiz &
	components namely as			End Sem
	Ramps, etc. with use of			Exam
	various construction			LXaIII
	materials for interior			
	purpose, their design			
	parameters depending on			
	quantum of use, feasibility,			
	functionality, aesthetics			
	etc.			
11.	Study and designing of	Lecture	CO1	Mid Term-
	vertical connecting			1, Quiz &
	components namely as			End Sem
	Ramps, etc. with use of			Exam
	various construction			
	materials for interior			
	purpose , their design			
	parameters depending on			
	quantum of use, feasibility,			
	functionality, aesthetics			
	etc.			
12.	Study and designing of	Lecture	CO1	Mid Term-
	vertical connecting			1, Quiz &
	components namely as			End Sem
	Ramps, etc. with use of			Exam
	various construction			
	materials for interior			
	purpose , their design			
	parameters depending on			
	quantum of use, feasibility,			
	functionality, aesthetics			
	etc.			
13.		Locture	CO1	Mid Term-
15.	Study and designing of	Lecture	COI	
	vertical connecting			1, Quiz &
	components namely as			End Sem

		1	T	,
14	Ramps, etc. with use of various construction materials for interior purpose, their design parameters depending on quantum of use, feasibility, functionality, aesthetics etc.	Locking	601	Exam Mid Torre
14.	Study of different types of stairs, different types of materials used for finishes, their advantages, disadvantages, and application methods. Introducing types of lifts with their materials & specifications.	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
15.	Study of different types of stairs, different types of materials used for finishes, their advantages, disadvantages, and application methods. Introducing types of lifts with their materials & specifications.	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
16.	Study of different types of stairs, different types of materials used for finishes, their advantages, disadvantages, and application methods. Introducing types of lifts with their materials & specifications.	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
17.	Study of different types of stairs, different types of materials used for finishes, their advantages, disadvantages, and application methods. Introducing types of lifts with their materials & specifications.	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
18.	Study of different types of stairs, different types of	Lecture	CO1	Mid Term- 1, Quiz &

		<u> </u>		F 16
	materials used for finishes,			End Sem
	their advantages,			Exam
	disadvantages, and			
	application methods.			
	Introducing types of lifts			
	with their materials &			
	specifications.			
19.	·	Lecture	CO1	Mid Term-
19.	Study of different types of	Lecture	(01	
	stairs, different types of			1, Quiz &
	materials used for finishes,			End Sem
	their advantages,			Exam
	disadvantages, and			
	application methods.			
	Introducing types of lifts			
	with their materials &			
	specifications.			
20.	Study of different types of	Lecture	CO1	Mid Term-
20.	stairs, different types of	Lecture	601	1, Quiz &
	materials used for finishes,			End Sem
	,			
	their advantages,			Exam
	disadvantages, and			
	application methods.			
	Introducing types of lifts			
	with their materials &			
	specifications.			
21.	Study of various types of	Lecture	CO1	Mid Term-
	parapets and Railings,			2, Quiz &
	different types of materials			End Sem
	used for railings and			Exam
	parapets , varieties of			
	railing designs used for			
	railings in interiors along			
	with their design thumb			
	rules, execution aspects,			
	aesthetic qualities, etc.			
22.	Study of various types of	Lecture	CO1	Mid Term-
	parapets and Railings,			2, Quiz &
	different types of materials			End Sem
	used for railings and			Exam
	parapets , varieties of			
	railing designs used for			
	railings in interiors along			
	with their design thumb			
	_			
	rules, execution aspects,			
	aesthetic qualities, etc.		201	
23.	Study of various types of	Lecture	CO1	Mid Term-

	1			
	parapets and Railings,			2, Quiz &
	different types of materials			End Sem
	used for railings and			Exam
	parapets , varieties of			
	railing designs used for			
	railings in interiors along			
	with their design thumb			
	rules, execution aspects,			
	aesthetic qualities, etc.			
24.	Study of various types of	Lecture	CO1	Mid Term-
2	parapets and Railings,	Lecture	001	2, Quiz &
	different types of materials			End Sem
	used for railings and			Exam
	_			Exaiii
	parapets, varieties of			
	railing designs used for			
	railings in interiors along			
	with their design thumb			
	rules, execution aspects,			
	aesthetic qualities, etc.			
25.	Study of various types of	Lecture	CO1	Mid Term-
	parapets and Railings,			2, Quiz &
	different types of materials			End Sem
	used for railings and			Exam
	parapets , varieties of			
	railing designs used for			
	railings in interiors along			
	with their design thumb			
	rules, execution aspects,			
	aesthetic qualities, etc.			
26.	Study of various types of	Lecture	CO2	Mid Term-
	parapets and Railings,			2, Quiz &
	different types of materials			End Sem
	used for railings and			Exam
	parapets , varieties of			
	railing designs used for			
	railings in interiors along			
	with their design thumb			
	rules, execution aspects,			
	aesthetic qualities, etc.			
27		Locture	CO2	Mid Torm
27.	Study of various types of	Lecture	CO2	Mid Term-
	parapets and Railings,			2, Quiz &
	different types of materials			End Sem
	used for railings and			Exam
	parapets , varieties of			
	railing designs used for			
	railings in interiors along			

	with their design thumb			
	with their design thumb			
	rules, execution aspects,			
	aesthetic qualities, etc.			
28.	Assembly of components,	Lecture	CO2	Mid Term-
	modules, Standardization			2, Quiz &
	in buildings and design			End Sem
	their components.			Exam
29.	Assembly of components,	Lecture	CO2	Mid Term-
	modules, Standardization			2, Quiz &
	in buildings and design			End Sem
	their components.			Exam
30.	Assembly of components,	Lecture	CO2	Mid Term-
	modules, Standardization			2, Quiz &
	in buildings and design			End Sem
	their components.			Exam
31.	Assembly of components,	Lecture	CO2	Mid Term-
	modules, Standardization			2, Quiz &
	in buildings and design			End Sem
	their components.			Exam
32.	Assembly of components,	Lecture	CO2	Mid Term-
	modules, Standardization			2, Quiz &
	in buildings and design			End Sem
	their components.			Exam
33.	Assembly of components,	Lecture	CO2	Mid Term-
	modules, Standardization			2, Quiz &
	in buildings and design			End Sem
	their components.			Exam
34.	Assembly of components,	Lecture	CO2	Mid Term-
	modules, Standardization			2, Quiz &
	in buildings and design			End Sem
	their components.			Exam
35.	Structural steel works,	Lecture	CO2	Mid Term-
	Portal Frame Construction			2, Quiz &
	Techniques and			End Sem
	construction materials.			Exam
36.	Structural steel works,	Lecture	CO2	Mid Term-
	Portal Frame Construction			2, Quiz &
	Techniques and			End Sem
	construction materials.			Exam
37.	Structural steel works,	Lecture	CO2	Quiz &
	Portal Frame Construction	10000	55-	End Sem
	Techniques and			Exam
	construction materials.			
38.	Structural steel works,	Lecture	CO2	Quiz &
30.	Portal Frame Construction	Lecture	602	End Sem
	Techniques and			Exam
	reciniques and			LAGIII

	construction materials.			
39.	Structural steel works,	Lecture	CO2	Quiz &
	Portal Frame Construction			End Sem
	Techniques and			Exam
	construction materials.			
40.	Structural steel works,	Lecture	CO2	Quiz &
	Portal Frame Construction			End Sem
	Techniques and			Exam
	construction materials.			
41.	Structural steel works,	Lecture	CO2	Quiz &
	Portal Frame Construction			End Sem
	Techniques and			Exam
	construction materials.			
42.	Structural steel works,	Lecture	CO2	Quiz &
	Portal Frame Construction			End Sem
	Techniques and			Exam
	construction materials.			
43.	Structural steel works,	Lecture	CO2	Quiz &
	Portal Frame Construction			End Sem
	Techniques and			Exam
	construction materials.			
44.	Structural steel works,	Lecture	CO2	Quiz &
	Portal Frame Construction			End Sem
	Techniques and			Exam
	construction materials.			
45.	Structural steel works,	Lecture	CO2	Quiz &
	Portal Frame Construction			End Sem
	Techniques and			Exam
	construction materials.			

H. Course Articulation Matrix (Mapping of COs with POs)

СО	STATEMENT		COF	RREL			/ITH COM		GRA	MMI	Ē			PRO	CORRELATION WITH PROGRAMME SPECIFIC OUTCOMES				
		P O 1	P O 2	P O 3	P O 4	P O 5	P O 6	P O 7	P O 8	P O 9	P O 1	P O 1	P O 1	PS O1	PS O2	PS O3	PS 04	PS 05	
CO 01	Apply knowledge of construction material, methods, and process to transform idea in to design;	2	1	3	2	2	2	-	1	-	1	1	2	3	1	1	1	-	

CO 02	Develop the design for																	
	all kind of wooden																	
	material, Staircase,																	
	door, window, glazed																	
	window and partition,																	
	paneling and storage																	
	cabinet;																	
CO 03	Compare different																	
	design suiting the	2	1	3	2	2	2		1	-	1	1	2	3	1	1		
	purpose/function and		_	3		2	2	-										
	principles of design;																1	-

Sample Question Paper

	Amity School of Architecture & Planning MID-SEMESTER (SEM –V) 2021-22												
Class: BID V Semester													
Subject Name: BID Interior Design Stu		Time: 2 Hrs			Max. Marks: 10								
Levels of the questions as per Blooms Taxonomy	Remembering	Understanding	Applying	Analyz	ing	Evaluating	Creating						
Taxonomy Question Q.1,4 Q.2,3 Q.4 Q.2,5,6 Mapping Mapping Q.2,3 Q.4 Q.2,5,6													

Student will be able to

CO1: List the broad perceptive of cloud architecture and model. CO2: Apply different cloud programming models as per need.

CO Map	Question No.	Question	Marks
CO1	Q.1	Explain in brief the cloud computing concept.	3
CO1	Q.2a	What are the essential characteristics of cloud computing?	3
	Q.2b	How is cloud computing requirements and cloud servicerequirement services related to each other?	3
CO2	Q.3	Sketch NIST Cloud Computing Reference Architecture and depictits elements	6
CO2	Q.4	Explain the significance of Cloud Reference Model	3

CO3	Q.5a	Elaborate different cloud types with example.	3
COS	Q.5b	Write characteristics of private cloud.	3
CO3	Q6	How virtualization is applied in cloud computing scenario?	6

Attainments	}	Rubric
Level	1	IF 60% of students secure more than 60% marks then level 1
Level	2	IF 70% of students secure more than 60% marks then level 2
Level	3	IF 80% of students secure more than 60% marks then level 3

Course outcome: Based on internal and external assessment the level of Course outcome attainment of the course BID/Course code BID 502 is level 2 for the academic year 2021-2022.



AMITY UNIVERSITY MADHYA PRADESH, GWALIOR AMITY SCHOOL OF ARCHITECTURE AND PLANNING DEPARTMENT OF ARCHITECTURE AND PLANNING

PROGRAMME OUTCOMES AND PROGRAMME SPECIFIC OUTCOMES Bachelor of Interior Design (BID), Academic Year – 2021-22

Program Outcomes:

- **PO1. Design Knowledge:** Incorporate a global perspective when making design decisions, based on sustainable, socio-economic, and cultural contexts.
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- **PO4. Individual and Team Work:** Collaborate in multi-disciplinary teams respecting a variety of points of view and perspectives that enrich the process and product of the team.
- **PO5. Communication:** Communicate complex ideas clearly to specialists and non-specialists through appropriate oral, written, and representational media.
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PSO2. Demonstrate preparation for global design practice by incorporating cultural norms of user populations and applying that knowledge to design solutions that support globally diverse end users.

PSO3. Demonstrate effective visual, verbal, and written communication.

PSO4. Apply ethical and professional practices.

PSO5. Demonstrate social responsibility by designing sustainable interior environments that support indoor environmental quality and improve the quality of life for occupants.

PSO6. Engage in integrative professional design practice by contributing interior architecture and design expertise to collaborative design teams.

Note: - Correlation levels 1, 2 and 3 as defined below:

1: Slight (Low), 2: Moderate (Medium) and 3: Substantial (High)

If there is no correlation, put "-"

						P	ROG	RAN	1ME	ARTI	CULA	TIOI	N MA	ATRIX	(
SEM	SUBJECT CODE	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12	PO 13	PO 14	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5	PSO 6
	BID101	3	3	3	3	2	1	2	3	3	1	1	3	3	1	3	3	-	-	2	-
	BID102	2	2	3	2	2	1	-		1	2	2	2	-	1	1	3	-	-	-	-
	BID103	2	2	1	-	3	1	2	3	3	2	1	1	2	2	3	3	1	-	-	-
- 1	BID104	1	1	1	2	-	-	-	2	-	-	-	2	-	-	1	1	-	-	-	-
	BID105	3	2	3	2	1	1	2	3	1	2	-	3	-	1	3	3	-	-	2	-
	BID106	-	1	-	-	-	-	3	2	-	-	-	-	-	1	1	1	-	-	-	-
	BID107	3	2	3	3	1	1	3	-	3	3	-	3	2	3	3	3	3	-	-	-
	BID201	3	2	3	3	2	2	2	3	3	1	1	3	3	1	3	3	-	-	2	-
	BID202	3	-	3	2	2	2	-	1	1	1	3	3	2	1	1	2	-	-	-	-
	BID203	2	2	1	1	3	2	2	3	3	2	1	2	2	1	3	3	1	-	2	-
П	BID204	1	3	1	-	-	-	-	1	1	-	-	2	-	1	1	1	-	-	-	-
	BID205	1	-	3	3	1	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-
	BID206	1	1	-	-	-	-	3	3	3	-	-	-	-	-	1	3	-	-	-	-
	BID207	3	-	1	3	1	1	-	1	3	3	3	3	3	3	3	3	3	-	-	-
	BID301	3	3	3	3	2	2	2	3	3	1	1	2	3	1	3	3	-	-	2	-
	BID302	2	-	3	2	2	2	-	1	1	1	2	2	2	1	1	1	-	-	-	-
	BID303	2	2	2	2	-	3	2	-	1	-	-	-	2	-	1	1	-	-	-	-
Ш	BID304	3	3	-	-	3	-	-	3	3	-	-	-	-	-	1	1	-	-	-	-
	BID305	1	-	3	3	1	2	-	-	-	-	-	-	-	-	1	-	-	-	-	-
	BID306	1	1	-	-	2	-	3	3	3	-	-	-	-	-	-	-	-	-	-	-
	BID307	1	3	1	-	3	-	-	3	3	-	-	-	-	3	-	-	-	-	2	-
	BID401	3	3	3	3	2	2	2	3	3	2	1	2	3	1	3	3	-	-	2	-
	BID402	2	1	3	2	2	2	-	1	-	2	1	2	3	1	1	1	-	-	2	-
	BID403	2	2	2	3	1	2	1	1	-	-	-	-	2	-	3	1	-	-	2	-
IV	BID404	3	-	2	3	1	2	1	1	-	1	2	2	2	-	1	1	-	-	2	-
	BID405	3	1	1	1	1	1	-	3	3	3	2	2	1	1	3	3	-	-	-	-
	BID406	3	3	3	3	3	2	3	2	3	3	2	3	-	-	1	3	-	-	2	-
	BID407	3	2	3	3	2	2	2	2	3	3	-	-	-	1	1	3	-	-	-	-
	BID501	3	3	3	3	2	2	2	3	3	3	1	2	3	1	3	1	-	-	2	-
	BID502	2	1	3	2	2	2	1	1	-	1	1	2	3	1	1	1	-	-	-	-
V	BID503	2	1	2	3	-	3	1	1	-	-	3	-	2	3	3	1	-	-	2	-
V	BID504	2	1	1	3	-	3	-	-	-	-	3	-	2	3	3	1	-	-	2	-
	BID505	1	1	-	-	1	-	3	3	3	-	-	1	-	3	1	1	3	-	-	-
	BID506	3	3	3	3	2	2	3	3	2	3	3	3	3	1	3	3	-	-	2	-
	BID601	3	3	3	3	2	2	2	3	3	3	3	1	3	1	3	3	-	-	2	-
	BID602	1	-	3	3	2	2	2	3	3	-	2	1	-	-	3	3	3	-	-	-
	BID603	3	3	2	2	1	1	1	3	3	1	2	2	2	3	3	3	-	-	-	-
VI	BID604	3	2	3	3	2	2	2	3	3	3	2	3	3	-	3	3	-	-	2	-
	BID605	2	-	1	3	-	-	-	-	-	-	-	-	-	3	3	-	-	-	-	-
	BID606	3	2	3	3	1	2	2	3	3	-	3	-	-	-	3	2	-	-	-	-
	BID607	2	3	3	3	1	2	2	3	3	1	-	-	-	3	3	2	-	-	-	-
VII	BID701	3	3	3	3	2	3	1	3	2	1	-	3	3	3	3	ı	-	-	2	-
VIII	BID 801	3	3	3	3	2	2	2	3	3	1	3	2	3	3	3	3	-	-	2	-

			i						i					i						
BID 802	-	-	-	-	1	1	-	1	-	-	-	-	3	3	2	3	3	3	-	3
BID 803	1	-	2	1	1	2	-	2	1	-	1	-	2	3	2	1	2	-	-	-
BID 804	3	1	2	2	2	1	-	2	2	1	-	2	-	-	-	1	-	-	-	-
BID 805	1	3	1	1	2	1	2	1	2	1	1	-	2	1	2	-	-	-	-	-

DEPARTMENT OF ARCHITECTURE & PLANNING

Course Handout

Course:: Building Interior Services - III (HVAC & Acoustics, Lift & Escalators)

Course Code: BID 503, Crédits: 03, Session: 2021-22(Odd Sem.), Class: BID 3rd Year

Faculty Name: Ar. Manish Kumar Chitranshi

- A. Introduction: •Laboratory sessions, which support the formal lecture material and also provide the student with practical construction, measurement and debugging skills. Participants are encouraged to engage in active interaction through classroom participation
- **B.** Course Outcomes: At the end of the course, students will be able to:

CO1: • Studying advanced and specialized services for complex buildings.

CO2: • Applying in architectural design and preparation layout and details.

CO3: . • To initiate students into theory and practice of Acoustics

CO4: •Introduction of HAVC in terms of theory and practical implementation.

C. Programme Outcomes:

- **PO1. Design Knowledge:** Incorporate a global perspective when making design decisions, based on sustainable, socio-economic, and cultural contexts.
- **PO2. Problem Analysis:** Apply theories of human behaviour to human-centered design solutions.
- **PO3. Design/Development of Solutions:** Apply the design process to generate creative solutions to complex problems optimizing the human experience within the interior environment. Apply theory, psychology, and methodology of color to designs of the interior environment.

- **PO4. Individual and Team Work:** Collaborate in multi-disciplinary teams respecting a variety of points of view and perspectives that enrich the process and product of the team.
- **PO5. Communication:** Communicate complex ideas clearly to specialists and non-specialists through appropriate oral, written, and representational media.
- **PO6. Life Long Learning:** Exemplify accepted standards of professionalism and business practice including a commitment to engage in lifelong learning.
- **PO7. Context and Society:** Analyze interiors, architecture, the decorative arts, and art within a historical and cultural context to inform contemporary design solutions that relate with the society for whom the design solution is to be provided.
- **PO8. Synthesis of Concepts:** Synthesize theories and concepts of spatial definition and organization into multi-dimensional design solutions.
- **PO9. Modern Technique usage:** Specify furniture, fixtures, and equipment's of finish materials to meet the design criteria for a variety of interior spaces.
- **PO10. Environment and Sustainability:** Apply principles of lighting, acoustics, thermal comfort, and indoor air quality as required to enhance the health, safety, welfare, and performance of building occupants for overall sustainable development of the individuals.
- **PO11. Ethics:** Comply with laws, codes, and standards that impact fire safety and life safety.
- **PO12. Project/Construction Management:** Produce construction drawings and documents using industry standards for a variety of interior spaces. Employ environment-behaviour research methodologies to address open-ended problems in interior design.

D. Programme Specific Outcomes:

As part of the school's charter and mission, Amity School of Architecture and Planning is providing a vibrant planning environment, ensuring its undergraduates are not only valued by the planning practice, but are also able to:

- **PSO1.** Demonstrate critical thinking as they identify, analyze, and solve interior architecture and design problems through completion of interior design studio projects. Apply creative and critical thinking to solve interior environment problems from a human-cantered approach and apply this knowledge to design solutions.
- **PSO2.** Demonstrate preparation for global design practice by incorporating cultural norms of user populations and applying that knowledge to design solutions that support globally diverse end users.

PSO3. Demonstrate effective visual, verbal, and written communication.

PSO4. Apply ethical and professional practices.

PSO5. Demonstrate social responsibility by designing sustainable interior environments that support indoor environmental quality and improve the quality of life for occupants.

PSO6. Engage in integrative professional design practice by contributing interior architecture and design expertise to collaborative design teams.

Assessment Plan:

Component	Description	Code	Weightage
of Evaluation			%
Continuous Internal	Mid Term	СТ	10%
Evaluation	Seminar/Quiz/	S/Q/A	15%
	Assignment		
Attendance	A minimum of 75%	Α	5%
	Attendance is required to be		
	maintained by a studentto be		
	qualified for taking up the End		
	Semester examination. The		
	allowance of 25% includes all		
	types of leaves		
	including medical leaves.		
End Semester	End Semester	EE	70%
Examination	(Viva-Voce)		
Total			100%

E. Syllabus

Module I: : Introduction and terminology

Descriptors/Topics

Properties of audible sound, intensity and loudness, frequency and pitch, quality

Module II: : Acoustics Descriptors/Topics

Common acoustical defects: Echo. Insufficient loudness, external noise, reverberation. Constructional measures for sound insulation of building: Materials, Hollow and composite wall construction, flooring and ceiling. Acoustic design considerations for the following: Auditorium, conference rooms, seminar halls.

Module III: : HAVC (Heating, Ventilation and Air Conditioning)

Descriptors/Topics

Natural Ventilation, Heating of spaces – local and central heating, Heating Equipment, Comfort conditions, Mechanical ventilation

Module IV: Air Conditioning

Descriptors/Topics

Various systems of air conditioning – Window Unit, split, Chilled water system, Duct work and air conditioning layout, fittings and fixtures

Module V: Lift & Escalators

Descriptors/Topics

Lifts/ Elevators/ Escalators in interior design

Examination Scheme:

Components	Attendance	Mid-Term	Assignment	VV
Weightage (%)	5	10	15	70

CT: Class Test, A: Assignment, S/V/Q: Seminar/Viva/Quiz, EE: End Semester Examination; A: Attendance

F. Text Reading:

[1] Air Conditioning, S. Shah

[2] The Construction of Building Vol - 1 to 5, R. Barry

[3] A Visual Dictionary of Architecture, Francis D.K. Ching

[4] Interior design illustrated, Francis D.K. Ching

References:

- Building Construction, N.L. Arora &, B.R. Gupta
- Building Services, Anthony Rowley
- Window Fashion, Charles T. Randall
- Illustration + Perspectives (In Pantone Colors), Eiji Mitooka
- Elements of Architecture, Meiss Pieree Von
- Architecture: Form, Space and Order, Francis D.K. Ching
- The Construction of Building Vol- 1 to 5, R. Barry
- Building Construction, N.L. Arora &, B.R. Gupta
- Interior Detail 1 (Residence), Jeong, Kwang Young

• Interior Spaces Vol – 6 (A Pictorial Review), Image Publishing Grou

G. Lecture Plan

	ire Pian	T	1 -	1
Lecture	Topics	Mode of Delivery	Correspon ding CO	Mode of Assessing CO
1.	Design problem Introduction	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
2.	Design problem Introduction	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
3.	Design problem Introduction	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
4.	Design problem Introduction	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
5.	Design problem Introduction	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
6.	Study and designing of vertical connecting components namely as Ramps, etc. with use of various construction materials for interior purpose, their design parameters depending on quantum of use, feasibility, functionality, aesthetics etc.	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
7.	Properties of audible sound, intensity and loudness, frequency and pitch, quality	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
8.	Properties of audible sound, intensity and loudness, frequency and pitch, quality	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
9.	Properties of audible	Lecture	CO1	Mid Term-

	1			1.0:0
	sound, intensity and			1, Quiz &
	loudness, frequency and			End Sem
	pitch, quality			Exam
10.	Properties of audible	Lecture	CO1	Mid Term-
	sound, intensity and			1, Quiz &
	loudness, frequency and			End Sem
	pitch, quality			Exam
11.	Properties of audible	Lecture	CO1	Mid Term-
	sound, intensity and			1, Quiz &
	loudness, frequency and			End Sem
	pitch, quality			Exam
12.	Properties of audible	Lecture	CO1	Mid Term-
	sound, intensity and			1, Quiz &
	loudness, frequency and			End Sem
	pitch, quality			Exam
13.	Properties of audible	Lecture	CO1	Mid Term-
	sound, intensity and			1, Quiz &
	loudness, frequency and			End Sem
	pitch, quality			Exam
14.	Properties of audible	Lecture	CO1	Mid Term-
	sound, intensity and			1, Quiz &
	loudness, frequency and			End Sem
	pitch, quality			Exam
15.	Common acoustical	Lecture	CO1	Mid Term-
	defects: Echo. Insufficient			1, Quiz &
	loudness, external noise,			End Sem
	reverberation.			Exam
	Constructional measures			
	for sound insulation of			
	building: Materials, Hollow			
	and composite wall			
	construction, flooring and			
	ceiling. Acoustic design			
	considerations for the			
	following: Auditorium,			
	conference rooms, seminar			
	halls.			
16.	Common acoustical	Lecture	CO1	Mid Term-
	defects: Echo. Insufficient			1, Quiz &
	loudness, external noise,			End Sem
	reverberation.			Exam
	Constructional measures			
	for sound insulation of			
	building: Materials, Hollow			
	and composite wall			
	construction, flooring and			

	_	T	T	 _
	ceiling. Acoustic design			
	considerations for the			
	following: Auditorium,			
	conference rooms, seminar			
	halls.			
17.	Common acoustical	Lecture	CO1	Mid Term-
	defects: Echo. Insufficient			1, Quiz &
	loudness, external noise,			End Sem
	reverberation.			Exam
	Constructional measures			
	for sound insulation of			
	building: Materials, Hollow			
	and composite wall			
	construction, flooring and			
	ceiling. Acoustic design			
	considerations for the			
	following: Auditorium,			
	conference rooms, seminar			
	halls.			
18.	Common acoustical	Lecture	CO1	Mid Term-
	defects: Echo. Insufficient			1, Quiz &
	loudness, external noise,			End Sem
	reverberation.			Exam
	Constructional measures			
	for sound insulation of			
	building: Materials, Hollow			
	and composite wall			
	construction, flooring and			
	ceiling. Acoustic design			
	considerations for the			
	following: Auditorium,			
	conference rooms, seminar			
	halls.			
19.	Common acoustical	Lecture	CO1	Mid Term-
15.	defects: Echo. Insufficient	Lecture	1001	1, Quiz &
				End Sem
	loudness, external noise, reverberation.			Exam
				EXAIII
	Constructional measures			
	for sound insulation of			
	building: Materials, Hollow			
	and composite wall			
	construction, flooring and			
	ceiling. Acoustic design			
	considerations for the			
	following: Auditorium,			
i	conference rooms, seminar	I	1	

	halls.			
20.	Common acoustical defects: Echo. Insufficient loudness, external noise, reverberation. Constructional measures for sound insulation of building: Materials, Hollow and composite wall construction, flooring and ceiling. Acoustic design considerations for the following: Auditorium, conference rooms, seminar halls.	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
21.	Common acoustical defects: Echo. Insufficient loudness, external noise, reverberation. Constructional measures for sound insulation of building: Materials, Hollow and composite wall construction, flooring and ceiling. Acoustic design considerations for the following: Auditorium, conference rooms, seminar halls.	Lecture	CO1	Mid Term- 2, Quiz & End Sem Exam
22.	Natural Ventilation, Heating of spaces – local and central heating, Heating Equipment, Comfort conditions, Mechanical ventilation	Lecture	CO1	Mid Term- 2, Quiz & End Sem Exam
23.	Natural Ventilation, Heating of spaces – local and central heating, Heating Equipment, Comfort conditions, Mechanical ventilation	Lecture	CO1	Mid Term- 2, Quiz & End Sem Exam
24.	Natural Ventilation, Heating of spaces – local and central heating, Heating Equipment, Comfort conditions,	Lecture	CO1	Mid Term- 2, Quiz & End Sem Exam

	Mechanical ventilation			
25.	Natural Ventilation,	Lecture	CO1	Mid Term-
	Heating of spaces – local			2, Quiz &
	and central heating,			End Sem
	Heating Equipment,			Exam
	Comfort conditions,			
	Mechanical ventilation			
26.	Natural Ventilation,	Lecture	CO2	Mid Term-
	Heating of spaces – local			2, Quiz &
	and central heating,			End Sem
	Heating Equipment,			Exam
	Comfort conditions,			
	Mechanical ventilation			
27.	Natural Ventilation,	Lecture	CO2	Mid Term-
	Heating of spaces – local			2, Quiz &
	and central heating,			End Sem
	Heating Equipment,			Exam
	Comfort conditions,			
	Mechanical ventilation			
28.	Natural Ventilation,	Lecture	CO2	Mid Term-
	Heating of spaces – local			2, Quiz &
	and central heating,			End Sem
	Heating Equipment,			Exam
	Comfort conditions,			
	Mechanical ventilation			
29.	Natural Ventilation,	Lecture	CO2	Mid Term-
	Heating of spaces – local			2, Quiz &
	and central heating,			End Sem
	Heating Equipment,			Exam
	Comfort conditions,			
	Mechanical ventilation			
30.	Various systems of air	Lecture	CO2	Mid Term-
	conditioning – Window			2, Quiz &
	Unit, split, Chilled water			End Sem
	system, Duct work and air			Exam
	conditioning layout, fittings			
2.1	and fixtures	<u>.</u>	000	s at 1 =
31.	Various systems of air	Lecture	CO2	Mid Term-
	conditioning – Window			2, Quiz &
	Unit, split, Chilled water			End Sem
	system, Duct work and air			Exam
	conditioning layout, fittings			
22	and fixtures	Lootura	603	Mid Towns
32.	Various systems of air	Lecture	CO2	Mid Term-
	conditioning – Window			2, Quiz &
	Unit, split, Chilled water			End Sem

	system, Duct work and air			Exam
	conditioning layout, fittings			
33.	and fixtures	Lecture	CO2	Mid Term-
33.	Various systems of air conditioning – Window	Lecture	COZ	2, Quiz &
	Unit, split, Chilled water			End Sem
	system, Duct work and air			Exam
	conditioning layout, fittings			
	and fixtures			
34.	Various systems of air	Lecture	CO2	Mid Term-
	conditioning – Window			2, Quiz & End Sem
	Unit, split, Chilled water system, Duct work and air			Exam
	conditioning layout, fittings			Exam
	and fixtures			
35.	Various systems of air	Lecture	CO2	Mid Term-
	conditioning – Window			2, Quiz &
	Unit, split, Chilled water			End Sem
	system, Duct work and air			Exam
	conditioning layout, fittings and fixtures			
36.	Various systems of air	Lecture	CO2	Mid Term-
	conditioning – Window			2, Quiz &
	Unit, split, Chilled water			End Sem
	system, Duct work and air			Exam
	conditioning layout, fittings			
27	and fixtures	1	602	0 : 0
37.	Various systems of air conditioning – Window	Lecture	CO2	Quiz & End Sem
	Unit, split, Chilled water			Exam
	system, Duct work and air			EXCIT
	conditioning layout, fittings			
	and fixtures			
38.	Lifts/ Elevators/ Escalators	Lecture	CO2	Quiz &
	in interior design			End Sem
20	Lifts / Flountars / Facalators	Loctura	CO2	Exam
39.	Lifts/ Elevators/ Escalators in interior design	Lecture	CO2	Quiz & End Sem
	in interior design			Exam
40.	Lifts/ Elevators/ Escalators	Lecture	CO2	Quiz &
	in interior design			End Sem
	_			Exam
41.	Lifts/ Elevators/ Escalators	Lecture	CO2	Quiz &
	in interior design			End Sem
42	Lifte / Flavortone / Facellate	I a =4	603	Exam
42.	Lifts/ Elevators/ Escalators	Lecture	CO2	Quiz &

	in interior design			End Sem
				Exam
43.	Lifts/ Elevators/ Escalators in interior design	Lecture	CO2	Quiz & End Sem Exam
44.	Lifts/ Elevators/ Escalators in interior design	Lecture	CO2	Quiz & End Sem Exam
45.	Lifts/ Elevators/ Escalators in interior design	Lecture	CO2	Quiz & End Sem Exam

H. Course Articulation Matrix (Mapping of COs with POs)

СО	STATEMENT		OUTCOMES							CORRELATION WITH PROGRAMME SPECIFIC OUTCOMES								
		P O 1	P O 2	P O 3	P O 4	P O 5	P O 6	P O 7	P O 8	P O 9	P O 1	P O 1	P O 1	PS O1	PS O2	PS O3	PS 04	PS 05
CO 01	Apply knowledge of construction material, methods, and process to transform idea in to design;	2	1	2	3	-	3	-	1	-	-	3	1	2	3	3	1	-
CO 02	Develop the design for all kind of wooden material, Staircase, door, window, glazed window and partition, paneling and storage cabinet;																	
CO 03	Compare different design suiting the purpose/function and principles of design;	2	1	2	3	-	3	-	1	-	-	3	1	2	3	3	1	-

Sample Question Paper

Amity School of Architecture & Planning MID-SEMESTER (SEM –V) 2021-22

Class: BID V Semester Time: 3 Hrs Max. Marks: 10

Subject Name: BID 503	Time
Building Interior Services - III	
(HVAC & Acoustics, Lift &	

Escalators) – V						
Levels of the questions as per Blooms Taxonomy	Remembering	Understanding	Applying	Analyzin	ng Evaluating	Creating
Question Mapping	Q.1,4	Q.2,3	Q.4	Q.2,5,6		

Student will be able to

CO1: List the broad perceptive of cloud architecture and model.

CO2: Apply different cloud programming models as per need.

		<u> </u>	
CO Map	Question No.	Question	Marks
CO1	Q.1	Explain in brief the cloud computing concept.	3
CO1	Q.2a	What are the essential characteristics of cloud computing?	3
	Q.2b	How is cloud computing requirements and cloud servicerequirement services related to each other?	3
CO2	Q.3	Sketch NIST Cloud Computing Reference Architecture and depictits elements	6
CO2	Q.4	Explain the significance of Cloud Reference Model	3
CO3	Q.5a	Elaborate different cloud types with example.	3
CO3	Q.5b	Write characteristics of private cloud.	3
CO3	Q6	How virtualization is applied in cloud computing scenario?	6

Attainments		Rubric
Level	1	IF 60% of students secure more than 60% marks then level 1
Level	2	IF 70% of students secure more than 60% marks then level 2
Level	3	IF 80% of students secure more than 60% marks then level 3

Course outcome: Based on internal and external assessment the level of Course outcome attainment of the course BID/Course code BID 503 is level 1 for the academic year 2021-2022.



AMITY UNIVERSITY MADHYA PRADESH, GWALIOR AMITY SCHOOL OF ARCHITECTURE AND PLANNING DEPARTMENT OF ARCHITECTURE AND PLANNING

PROGRAMME OUTCOMES AND PROGRAMME SPECIFIC OUTCOMES Bachelor of Interior Design (BID), Academic Year – 2021-22

Program Outcomes:

- **PO1. Design Knowledge:** Incorporate a global perspective when making design decisions, based on sustainable, socio-economic, and cultural contexts.
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PSO1. Demonstrate critical thinking as they identify, analyze, and solve interior architecture and design problems through completion of interior design studio projects. Apply creative and critical thinking to solve interior environment problems from a human-cantered approach and apply this knowledge to design solutions.

PSO2. Demonstrate preparation for global design practice by incorporating cultural norms of user populations and applying that knowledge to design solutions that support globally diverse end users.

PSO3. Demonstrate effective visual, verbal, and written communication.

PSO4. Apply ethical and professional practices.

PSO5. Demonstrate social responsibility by designing sustainable interior environments that support indoor environmental quality and improve the quality of life for occupants.

PSO6. Engage in integrative professional design practice by contributing interior architecture and design expertise to collaborative design teams.

Note: - Correlation levels 1, 2 and 3 as defined below:

1: Slight (Low), 2: Moderate (Medium) and 3: Substantial (High)

If there is no correlation, put "-"

PROGRAMME ARTICULATION MATRIX																					
SEM	SUBJECT CODE	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12	PO 13	PO 14	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5	PSO 6
	BID101	3	3	3	3	2	1	2	3	3	1	1	3	3	1	3	3	-	-	2	-
	BID102	2	2	3	2	2	1	-		1	2	2	2	-	1	1	3	-	-	-	-
	BID103	2	2	1	-	3	1	2	3	3	2	1	1	2	2	3	3	1	-	-	-
- 1	BID104	1	1	1	2	-	-	-	2	-	-	-	2	-	-	1	1	-	-	-	-
	BID105	3	2	3	2	1	1	2	3	1	2	-	3	-	1	3	3	-	-	2	-
	BID106	-	1	-	-	-	-	3	2	-	-	-	-	-	1	1	1	-	-	-	-
	BID107	3	2	3	3	1	1	3	-	3	3	-	3	2	3	3	3	3	-	-	-
	BID201	3	2	3	3	2	2	2	3	3	1	1	3	3	1	3	3	-	-	2	-
	BID202	3	-	3	2	2	2	-	1	1	1	3	3	2	1	1	2	-	-	-	-
	BID203	2	2	1	1	3	2	2	3	3	2	1	2	2	1	3	3	1	-	2	-
П	BID204	1	3	1	-	-	-	-	1	1	-	-	2	-	1	1	1	-	-	-	-
	BID205	1	-	3	3	1	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-
	BID206	1	1	-	-	-	-	3	3	3	-	-	-	-	-	1	3	-	-	-	-
	BID207	3	-	1	3	1	1	-	1	3	3	3	3	3	3	3	3	3	-	-	-
	BID301	3	3	3	3	2	2	2	3	3	1	1	2	3	1	3	3	-	-	2	-
	BID302	2	-	3	2	2	2	-	1	1	1	2	2	2	1	1	1	-	-	-	-
	BID303	2	2	2	2	-	3	2	-	1	-	-	-	2	-	1	1	-	-	-	-
Ш	BID304	3	3	-	-	3	-	-	3	3	-	-	-	-	-	1	1	-	-	-	-
	BID305	1	-	3	3	1	2	-	-	-	-	-	-	-	-	1	-	-	-	-	-
	BID306	1	1	-	-	2	-	3	3	3	-	-	-	-	-	-	-	-	-	-	-
	BID307	1	3	1	-	3	-	-	3	3	-	-	-	-	3	-	-	-	-	2	-
	BID401	3	3	3	3	2	2	2	3	3	2	1	2	3	1	3	3	-	-	2	-
	BID402	2	1	3	2	2	2	-	1	-	2	1	2	3	1	1	1	-	-	2	-
	BID403	2	2	2	3	1	2	1	1	-	-	-	-	2	-	3	1	-	-	2	-
IV	BID404	3	-	2	3	1	2	1	1	-	1	2	2	2	-	1	1	-	-	2	-
	BID405	3	1	1	1	1	1	-	3	3	3	2	2	1	1	3	3	-	-	-	-
	BID406	3	3	3	3	3	2	3	2	3	3	2	3	-	-	1	3	-	-	2	-
	BID407	3	2	3	3	2	2	2	2	3	3	-	-	-	1	1	3	-	-	-	-
	BID501	3	3	3	3	2	2	2	3	3	3	1	2	3	1	3	1	-	-	2	-
	BID502	2	1	3	2	2	2	1	1	-	1	1	2	3	1	1	1	-	-	-	-
V	BID503	2	1	2	3	-	3	1	1	-	-	3	-	2	3	3	1	-	-	2	-
V	BID504	2	1	1	3	-	3	-	-	-	-	3	-	2	3	3	1	-	-	2	-
	BID505	1	1	-	-	1	-	3	3	3	-	-	1	-	3	1	1	3	-	-	-
	BID506	3	3	3	3	2	2	3	3	2	3	3	3	3	1	3	3	-	-	2	-
	BID601	3	3	3	3	2	2	2	3	3	3	3	1	3	1	3	3	-	-	2	-
	BID602	1	-	3	3	2	2	2	3	3	-	2	1	-	-	3	3	3	-	-	-
	BID603	3	3	2	2	1	1	1	3	3	1	2	2	2	3	3	3	-	-	-	-
VI	BID604	3	2	3	3	2	2	2	3	3	3	2	3	3	-	3	3	-	-	2	-
	BID605	2	-	1	3	-	-	-	-	-	-	-	-	-	3	3	-	-	-	-	-
	BID606	3	2	3	3	1	2	2	3	3	-	3	-	-	-	3	2	-	-	-	-
	BID607	2	3	3	3	1	2	2	3	3	1	-	-	-	3	3	2	-	-	-	-
VII	BID701	3	3	3	3	2	3	1	3	2	1	-	3	3	3	3	ı	-	-	2	-
VIII	BID 801	3	3	3	3	2	2	2	3	3	1	3	2	3	3	3	3	-	-	2	-

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BID 802	-	-	-	-	1	1	-	1	-	-	-	-	3	3	2	3	3	3	-	3
BID 803	1	-	2	1	1	2	-	2	1	-	1	-	2	3	2	1	2	-	-	-
BID 804	3	1	2	2	2	1	-	2	2	1	-	2	-	-	-	1	-	-	-	-
BID 805	1	3	1	1	2	1	2	1	2	1	1	-	2	1	2	-	-	-	-	-

DEPARTMENT OF ARCHITECTURE & PLANNING

Course Handout

Course :: Working Drawings

Course Code: BID 504, Crédits: 02, Session: 2021-22(Odd Sem.), Class: BID 3rd Year

Faculty Name: Ar. Manish Kumar Chitranshi

- A. Introduction: •Laboratory sessions, which support the formal lecture material and also provide the student with practical construction, measurement and debugging skills. Participants are encouraged to engage in active interaction through classroom participation
- **B.** Course Outcomes: At the end of the course, students will be able to:

CO1: • To impart training in the preparation of working drawings for buildings with specific reference to code of practice and incorporating specifications as complementary to the working drawings

CO2: • The focus of the course is to impart skills related to the preparation of drawings meant for execution on the site.

C. Programme Outcomes:

- **PO1. Design Knowledge:** Incorporate a global perspective when making design decisions, based on sustainable, socio-economic, and cultural contexts.
- **PO2. Problem Analysis:** Apply theories of human behaviour to human-centered design solutions.
- **PO3. Design/Development of Solutions:** Apply the design process to generate creative solutions to complex problems optimizing the human experience within the interior environment. Apply theory, psychology, and methodology of color to designs of the interior environment.

- **PO4. Individual and Team Work:** Collaborate in multi-disciplinary teams respecting a variety of points of view and perspectives that enrich the process and product of the team.
- **PO5. Communication:** Communicate complex ideas clearly to specialists and non-specialists through appropriate oral, written, and representational media.
- **PO6. Life Long Learning:** Exemplify accepted standards of professionalism and business practice including a commitment to engage in lifelong learning.
- **PO7. Context and Society:** Analyze interiors, architecture, the decorative arts, and art within a historical and cultural context to inform contemporary design solutions that relate with the society for whom the design solution is to be provided.
- **PO8. Synthesis of Concepts:** Synthesize theories and concepts of spatial definition and organization into multi-dimensional design solutions.
- **PO9. Modern Technique usage:** Specify furniture, fixtures, and equipment's of finish materials to meet the design criteria for a variety of interior spaces.
- **PO10. Environment and Sustainability:** Apply principles of lighting, acoustics, thermal comfort, and indoor air quality as required to enhance the health, safety, welfare, and performance of building occupants for overall sustainable development of the individuals.
- **PO11. Ethics:** Comply with laws, codes, and standards that impact fire safety and life safety.
- **PO12. Project/Construction Management:** Produce construction drawings and documents using industry standards for a variety of interior spaces. Employ environment-behaviour research methodologies to address open-ended problems in interior design.

D. Programme Specific Outcomes:

As part of the school's charter and mission, Amity School of Architecture and Planning is providing a vibrant planning environment, ensuring its undergraduates are not only valued by the planning practice, but are also able to:

- **PSO1.** Demonstrate critical thinking as they identify, analyze, and solve interior architecture and design problems through completion of interior design studio projects. Apply creative and critical thinking to solve interior environment problems from a human-cantered approach and apply this knowledge to design solutions.
- **PSO2.** Demonstrate preparation for global design practice by incorporating cultural norms of user populations and applying that knowledge to design solutions that support globally diverse end users.

PSO3. Demonstrate effective visual, verbal, and written communication.

PSO4. Apply ethical and professional practices.

PSO5. Demonstrate social responsibility by designing sustainable interior environments that support indoor environmental quality and improve the quality of life for occupants.

PSO6. Engage in integrative professional design practice by contributing interior architecture and design expertise to collaborative design teams.

Assessment Plan:

Component	Description	Code	Weightage
of Evaluation			%
Continuous Internal	Mid Term	СТ	10%
Evaluation	Seminar/Quiz/	S/Q/A	15%
	Assignment		
Attendance	A minimum of 75% Attendance is required to be maintained by a studentto be qualified for taking up the End Semester examination. The allowance of 25% includes all types of leaves including medical leaves.	A	5%
End Semester	End Semester	EE	70%
Examination	(Viva-Voce)		
Total			100%

E. Syllabus

Module I: Preparation of working drawings

Descriptors/Topics

Suitable scales of drawings, methods of giving dimensions and standards on plans, sections, elevations, details etc.

Module II: Preparation of plans

Descriptors/Topics

Architectural plans, furniture layout floor plans with clearances, different level floor plans, detailed floor plans of each room.

Module III: Elevations and Sections

Descriptors/Topics

Detailed sectional elevations of all the walls in the interior with all the required dimensions and specifications.

Module IV: Details of all services

Descriptors/Topics

layouts for flooring, ceiling, electrical, plumbing, lighting, fire fighting etc., toilet details, kitchen details, staircase details, furniture details, Interior finishing details, material, color and texture details, fixture and fixing and joinery details.

Examination Scheme:

Components	Attendance	Mid-Term	Assignment	VV
Weightage (%)	5	10	15	70

CT: Class Test, A: Assignment, S/V/Q: Seminar/Viva/Quiz, EE: End Semester Examination; A: Attendance

F. Text Reading:

- [1] Leibing. W. Ralph, Architectural Working Drawings, 4th edition, John wiley and sons, New York, 1999.
- [2] Macey. W. Frank, Specification in detail, 5th edition, Technical press ltd, London, 1955.
- [3] Shah, M.G.; and others, Building Drawing: An integrated approach to build environment, 3rd ed, Tata McGraw Hill Pub. Co. Ltd, New Delhi, 1996.
- [4] Fredd Stitt, Working Drawing Manual, McGraw-Hill Professional; 1st edition, 1998. Kilmer, Workind Drawings and Details for Interiors, John Wiley and Sons,

G. Lecture Plan

Lecture	Topics	Mode of	Correspon ding CO	Mode of Assessing
		Delivery		СО
1.	Design problem	Lecture	CO1	Mid Term-
	Introduction			1, Quiz &
				End Sem
				Exam
2.	Design problem	Lecture	CO1	Mid Term-
	Introduction			1, Quiz &
				End Sem
				Exam
3.	Design problem	Lecture	CO1	Mid Term-

	1			140:0
	Introduction			1, Quiz &
				End Sem
				Exam
4.	Design problem Introduction	Lecture	CO1	Mid Term-
				1, Quiz &
				End Sem
				Exam
5.	Design problem	Lecture	CO1	Mid Term-
	Introduction			1, Quiz &
				End Sem
				Exam
6.	Study and designing of	Lecture	CO1	Mid Term-
0.	vertical connecting	Lecture	661	1, Quiz &
	components namely as			End Sem
	Ramps, etc. with use of			Exam
	various construction			Exaili
	materials for interior			
	purpose, their design			
	parameters depending on			
	quantum of use, feasibility,			
	functionality, aesthetics			
	etc.			
7.	Suitable scales of drawings,	Lecture	CO1	Mid Term-
	methods of giving			1, Quiz &
	dimensions and standards			End Sem
	on plans, sections,			Exam
	elevations, details etc.			
8.	Suitable scales of drawings,	Lecture	CO1	Mid Term-
	methods of giving			1, Quiz &
	dimensions and standards			End Sem
	on plans, sections,			Exam
	elevations, details etc.			
9.	Suitable scales of drawings,	Lecture	CO1	Mid Term-
	methods of giving			1, Quiz &
	dimensions and standards			End Sem
	on plans, sections,			Exam
	elevations, details etc.			
10.	Suitable scales of drawings,	Lecture	CO1	Mid Term-
	methods of giving			1, Quiz &
	dimensions and standards			End Sem
	on plans, sections,			Exam
	elevations, details etc.			-Adili
11.	Suitable scales of drawings,	Lecture	CO1	Mid Term-
11.		Lecture	1001	
	methods of giving			1, Quiz &
	dimensions and standards			End Sem
	on plans, sections,			Exam

	elevations, details etc.			
12.	Suitable scales of drawings,	Lecture	CO1	Mid Term-
12.	methods of giving	Lecture	601	1, Quiz &
	dimensions and standards			End Sem
	on plans, sections,			Exam
	elevations, details etc.			Exam
13.	Architectural plans,	Lecture	CO1	Mid Term-
13.	furniture layout floor plans	Lecture	601	1, Quiz &
	with clearances, different			End Sem
	level floor plans, detailed			Exam
	floor plans of each room.			LXIII
14.	Architectural plans,	Lecture	CO1	Mid Term-
14.	furniture layout floor plans	Lecture	CO1	1, Quiz &
	with clearances, different			End Sem
	level floor plans, detailed			Exam
	floor plans of each room.			LAGIII
15.	Architectural plans,	Lecture	CO1	Mid Term-
15.	furniture layout floor plans	Lecture	1001	
	with clearances, different			1, Quiz & End Sem
	level floor plans, detailed			Exam
	floor plans of each room.			EXAIII
16	·	Locturo	CO1	Mid Torm
16.	Architectural plans,	Lecture	(01	Mid Term-
	furniture layout floor plans			1, Quiz &
	with clearances, different			End Sem
	level floor plans, detailed			Exam
17.	floor plans of each room.	Looting	CO1	Mid Term-
17.	Architectural plans,	Lecture	(01	
	furniture layout floor plans			1, Quiz & End Sem
	with clearances, different level floor plans, detailed			Exam
	•			Exam
10	floor plans of each room.	Locture	CO1	Mid Torm
18.	Architectural plans, furniture layout floor plans	Lecture	CO1	Mid Term-
	with clearances, different			1, Quiz & End Sem
	level floor plans, detailed			Exam
	floor plans of each room.			EXAIII
19.	Detailed sectional	Lecture	CO1	Mid Term-
19.	elevations of all the walls in	Lecture	(01	
	the interior with al the			1, Quiz & End Sem
	required dimensions and			Exam
20	specifications.	l o otrore	CO1	NA: d Towar
20.	Detailed sectional	Lecture	CO1	Mid Term-
	elevations of all the walls in			1, Quiz &
	the interior with al the			End Sem
	required dimensions and			Exam
	specifications.			

2.1	D 1 1 1 1 1	T		DA: 1 T
21.	Detailed sectional elevations of all the walls in the interior with al the required dimensions and specifications.	Lecture	CO1	Mid Term- 2, Quiz & End Sem Exam
22.	Detailed sectional elevations of all the walls in the interior with al the required dimensions and specifications.	Lecture	CO1	Mid Term- 2, Quiz & End Sem Exam
23.	Detailed sectional elevations of all the walls in the interior with al the required dimensions and specifications.	Lecture	CO1	Mid Term- 2, Quiz & End Sem Exam
24.	Detailed sectional elevations of all the walls in the interior with al the required dimensions and specifications.	Lecture	CO1	Mid Term- 2, Quiz & End Sem Exam
25.	layouts for flooring, ceiling, electrical, plumbing, lighting, fire fighting etc., toilet details, kitchen details, staircase details, furniture details, Interior finishing details, material, color and texture details, fixture and fixing and joinery details.	Lecture	CO1	Mid Term- 2, Quiz & End Sem Exam
26.	layouts for flooring, ceiling, electrical, plumbing, lighting, fire fighting etc., toilet details, kitchen details, staircase details, furniture details, Interior finishing details, material, color and texture details, fixture and fixing and joinery details.	Lecture	CO2	Mid Term- 2, Quiz & End Sem Exam
27.	layouts for flooring, ceiling, electrical, plumbing, lighting, fire fighting etc., toilet details, kitchen details, staircase details, furniture details, Interior	Lecture	CO2	Mid Term- 2, Quiz & End Sem Exam

	finishing details, material, color and texture details, fixture and fixing and joinery details.			
28.	layouts for flooring, ceiling, electrical, plumbing, lighting, fire fighting etc., toilet details, kitchen details, staircase details, furniture details, Interior finishing details, material, color and texture details, fixture and fixing and joinery details.	Lecture	CO2	Mid Term- 2, Quiz & End Sem Exam
29.	layouts for flooring, ceiling, electrical, plumbing, lighting, fire fighting etc., toilet details, kitchen details, staircase details, furniture details, Interior finishing details, material, color and texture details, fixture and fixing and joinery details.	Lecture	CO2	Mid Term- 2, Quiz & End Sem Exam
30.	layouts for flooring, ceiling, electrical, plumbing, lighting, fire fighting etc., toilet details, kitchen details, staircase details, furniture details, Interior finishing details, material, color and texture details, fixture and fixing and joinery details.	Lecture	CO2	Mid Term- 2, Quiz & End Sem Exam

H. Course Articulation Matrix (Mapping of COs with POs)

СО	STATEMENT		COF	RREL			/ITH COM		GRA	MMI	E			PRO	CORRELATION WITH PROGRAMME SPECIFIC OUTCOMES					
		P	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	PS	PS	PS	PS	PS		
		О	О	0	0	0	О	0	0	0	0	0	0	01	02	О3	04	05		
		1	2	3	4	5	6	7	8	9	1	1	1							
											0	1	2							

CO 01	Apply knowledge of construction material, methods, and process to transform idea in to design;	2	1	1	3	-	3	-	-	-	-	3	-	2	3	3	1	-
CO 02	Develop the design for all kind of wooden material, Staircase, door, window, glazed window and partition, paneling and storage cabinet;																	
CO 03	Compare different design suiting the purpose/function and principles of design;	2	1	1	3	-	3	-	-	-	-	3	-	2	3	3	1	-

Sample Question Paper

	•	School of Archited D-SEMESTER (SEM		_			
		Class: BID V Se	mester				
Subject Name: BID	503	Time: 3 Hrs			Ma	x. Marks: 10)
Building Interior S (HVAC & Acoustics Escalators) – V							
Levels of the questions as per Blooms Taxonomy	Remembering	Understanding	Applying	Analyz	ing	Evaluating	Creating
Question Mapping	Q.1,4	Q.2,3	Q.4	Q.2,5,0	6		

Student will be able to

CO1: List the broad perceptive of cloud architecture and model.

CO2: Apply different cloud programming models as per need.

CO Map	Question No.	Question	Marks
CO1	Q.1	Explain in brief the cloud computing concept.	3
CO1	Q.2a	What are the essential characteristics of cloud computing?	3

	Q.2b	How is cloud computing requirements and cloud servicerequirement services related to each other?	3
CO2	Q.3	Sketch NIST Cloud Computing Reference Architecture and depictits elements	6
CO2	Q.4	Explain the significance of Cloud Reference Model	3
CO2	Q.5a	Elaborate different cloud types with example.	3
CO3	Q.5b	Write characteristics of private cloud.	3
CO3	Q 6	How virtualization is applied in cloud computing scenario?	6

Attainments	3	Rubric
Level	1	IF 60% of students secure more than 60% marks then level 1
Level	2	IF 70% of students secure more than 60% marks then level 2
Level	3	IF 80% of students secure more than 60% marks then level 3

Course outcome: Based on internal and external assessment the level of Course outcome attainment of the course BID/Course code BID 504 is level 2 for the academic year 2021-2022.

AMITY UNIVERSITY MADHYA PRADESH, GWALIOR AMITY SCHOOL OF ARCHITECTURE AND PLANNING DEPARTMENT OF ARCHITECTURE AND PLANNING

PROGRAMME OUTCOMES AND PROGRAMME SPECIFIC OUTCOMES Bachelor of Interior Design (BID), Academic Year – 2021-22

Program Outcomes:

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PSO6. Engage in integrative professional design practice by contributing interior architecture and design expertise to collaborative design teams.

Note: - Correlation levels 1, 2 and 3 as defined below:

1: Slight (Low), 2: Moderate (Medium) and 3: Substantial (High)

If there is no correlation, put "-"

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	BID102	2	2	3	2	2	1	-		1	2	2	2	-	1	1	3	-	-	-	-
	BID103	2	2	1	-	3	1	2	3	3	2	1	1	2	2	3	3	1	-	-	-
ı	BID104	1	1	1	2	-	-	-	2	-	-	-	2	-	-	1	1	-	-	-	-
	BID105	3	2	3	2	1	1	2	3	1	2	-	3	-	1	3	3	-	-	2	-
	BID106	1	1	-	-	-	-	3	2	-	-	-	-	-	1	1	1	-	-	-	-
	BID107	3	2	3	3	1	1	3	-	3	3	-	3	2	3	3	3	3	-	-	-
	BID201	3	2	3	3	2	2	2	3	3	1	1	3	3	1	3	3	-	-	2	-
	BID202	3	1	3	2	2	2	•	1	1	1	3	3	2	1	1	2	-	-	-	-
	BID203	2	2	1	1	3	2	2	3	3	2	1	2	2	1	3	3	1	-	2	-
Ш	BID204	1	3	1	-	1	1	1	1	1	-	-	2	-	1	1	1	-	-	-	1
	BID205	-	-	3	3	1	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-
	BID206	-	1	-	-	-	-	3	3	3	-	-	-	-	-	1	3	-	-	-	-
	BID207	3	-	1	3	1	1	-	1	3	3	3	3	3	3	3	3	3	-	-	-
	BID301	3	3	3	3	2	2	2	3	3	1	1	2	3	1	3	3	-	-	2	-
	BID302	2	1	3	2	2	2	1	1	1	1	2	2	2	1	1	1	-	-	-	1
	BID303	2	2	2	2	-	3	2	-	1	-	-	-	2	-	1	1	-	-	-	-
Ш	BID304	3	3	-	-	3	-	-	3	3	-	-	-	-	-	1	1	-	-	-	-
	BID305	-	-	3	3	1	2	-	-	-	-	-	-	-	-	1	-	-	-	-	-
	BID306	-	1	-	-	2	-	3	3	3	-	-	-	-	-	-	-	-	-	-	-
	BID307	1	3	1	-	3	-	-	3	3	-	-	-	-	3	-	-	-	-	2	-
	BID401	3	3	3	3	2	2	2	3	3	2	1	2	3	1	3	3	-	-	2	-
	BID402	2	1	3	2	2	2	-	1	-	2	1	2	3	1	1	1	-	-	2	-
	BID403	2	2	2	3	1	2	1	1	-	-	-	-	2	-	3	1	-	-	2	-
IV	BID404	3	-	2	3	1	2	1	1	-	1	2	2	2	-	1	1	-	-	2	-
	BID405	3	1	1	1	1	1	-	3	3	3	2	2	1	1	3	3	-	-	-	-
	BID406	3	3	3	3	3	2	3	2	3	3	2	3	-	-	1	3	-	-	2	-
	BID407	3	2	3	3	2	2	2	2	3	3	-	-	-	1	1	3	-	-	-	-
	BID501	3	3	3	3	2	2	2	3	3	3	1	2	3	1	3	1	-	-	2	-
	BID502	2	1	3	2	2	2	-	1	-	1	1	2	3	1	1	1	-	-	-	-
V	BID503	2	1	2	3	-	3	-	1	-	-	3	-	2	3	3	1	-	-	2	-
·	BID504	2	1	1	3	-	3	-	-	-	-	3	-	2	3	3	1	-	-	2	-
	BID505	1	1	-	-	1	-	3	3	3	-	-	1	-	3	1	1	3	-	-	-
	BID506	3	3	3	3	2	2	3	3	2	3	3	3	3	1	3	3	-	-	2	-
	BID601	3	3	3	3	2	2	2	3	3	3	3	1	3	1	3	3	-	-	2	-
	BID602	1	-	3	3	2	2	2	3	3	-	2	1	-	-	3	3	3	-	-	-
	BID603	3	3	2	2	1	1	1	3	3	1	2	2	2	3	3	3	-	-	-	-
VI	BID604	3	2	3	3	2	2	2	3	3	3	2	3	3	-	3	3	-	-	2	-
	BID605	2	-	1	3	-	-	-	-	-	-	-	-	-	3	3	-	-	-	-	-
	BID606	3	2	3	3	1	2	2	3	3	-	3	-	-	-	3	2	-	-	-	-
	BID607	2	3	3	3	1	2	2	3	3	1	-	-	-	3	3	2	-	-	-	-
VII	BID701	3	3	3	3	2	3	-	3	2	1	-	3	3	3	3	-	-	-	2	-

	BID 801	3	3	3	3	2	2	2	3	3	1	3	2	3	3	3	3	-	-	2	-
	BID 802	-	-	1	-	1	1	•	1	-	-	-	-	3	3	2	3	3	3	-	3
VIII	BID 803	1	-	2	1	1	2	ı	2	1	-	1	-	2	3	2	1	2	1	-	1
	BID 804	3	1	2	2	2	1	ı	2	2	1	-	2	-	ı	ı	1	ı	ı	-	1
	BID 805	1	3	1	1	2	1	2	1	2	1	1	-	2	1	2	-	-	-	-	-

DEPARTMENT OF ARCHITECTURE & PLANNING

Course Handout

Course : Revitalization of Art & Craft - I

Course Code: BID 505, Crédits: 03, Session: 2021-22(Odd Sem.), Class: BID 3rd Year

Faculty Name: Ar. Manish Kumar Chitranshi

- A. Introduction: •The formal lecture material and also provide the student with case study, hands on skills. Participants are encouraged to engage in active interaction through classroom participation.
- **B.** Course Outcomes: At the end of the course, students will be able to:

CO1: • Understanding of art/craft forms as design elements and its relevant application in the modern society, Modernization of old craft technology for better forms for interior

CO2: • The course provides an understanding of the role of revitalization of Art/Craft form in Interior Spaces.

C. Programme Outcomes:

- **PO1. Design Knowledge:** Incorporate a global perspective when making design decisions, based on sustainable, socio-economic, and cultural contexts.
- **PO2. Problem Analysis:** Apply theories of human behaviour to human-centered design solutions.
- **PO3. Design/Development of Solutions:** Apply the design process to generate creative solutions to complex problems optimizing the human experience within the interior environment. Apply theory, psychology, and methodology of color to designs of the interior environment.
- PO4. Individual and Team Work: Collaborate in multi-disciplinary teams respecting a

- variety of points of view and perspectives that enrich the process and product of the team.
- **PO5. Communication:** Communicate complex ideas clearly to specialists and non-specialists through appropriate oral, written, and representational media.
- **PO6. Life Long Learning:** Exemplify accepted standards of professionalism and business practice including a commitment to engage in lifelong learning.
- **PO7. Context and Society:** Analyze interiors, architecture, the decorative arts, and art within a historical and cultural context to inform contemporary design solutions that relate with the society for whom the design solution is to be provided.
- **PO8. Synthesis of Concepts:** Synthesize theories and concepts of spatial definition and organization into multi-dimensional design solutions.
- **PO9. Modern Technique usage:** Specify furniture, fixtures, and equipment's of finish materials to meet the design criteria for a variety of interior spaces.
- **PO10. Environment and Sustainability:** Apply principles of lighting, acoustics, thermal comfort, and indoor air quality as required to enhance the health, safety, welfare, and performance of building occupants for overall sustainable development of the individuals.
- **PO11. Ethics:** Comply with laws, codes, and standards that impact fire safety and life safety.
- **PO12. Project/Construction Management:** Produce construction drawings and documents using industry standards for a variety of interior spaces. Employ environment-behaviour research methodologies to address open-ended problems in interior design.

D. Programme Specific Outcomes:

As part of the school's charter and mission, Amity School of Architecture and Planning is providing a vibrant planning environment, ensuring its undergraduates are not only valued by the planning practice, but are also able to:

- **PSO1.** Demonstrate critical thinking as they identify, analyze, and solve interior architecture and design problems through completion of interior design studio projects. Apply creative and critical thinking to solve interior environment problems from a human-cantered approach and apply this knowledge to design solutions.
- **PSO2.** Demonstrate preparation for global design practice by incorporating cultural norms of user populations and applying that knowledge to design solutions that support globally diverse end users.
- **PSO3.** Demonstrate effective visual, verbal, and written communication.

PSO4. Apply ethical and professional practices.

PSO5. Demonstrate social responsibility by designing sustainable interior environments that support indoor environmental quality and improve the quality of life for occupants.

PSO6. Engage in integrative professional design practice by contributing interior architecture and design expertise to collaborative design teams.

Assessment Plan:

Component	Description	Code	Weightage
of Evaluation			%
Continuous Internal	Mid Term	СТ	10%
Evaluation	Seminar/Quiz/	S/Q/A	15%
	Assignment		
Attendance	A minimum of 75%	Α	5%
	Attendance is required to be		
	maintained by a studentto be		
	qualified for taking up the End		
	Semester examination. The		
	allowance of 25% includes all		
	types of leaves		
	including medical leaves.		
End Semester	End Semester	EE	70%
Examination	(Viva-Voce)		
Total			100%

E. Syllabus

Module I: Identification of private and public craft

Descriptors/Topics

Identification of private and public craft activity around the nation, Various crafts and its perception in the society-design issues in transforming old craft forms into modern context by keeping its original spirits, Select one of the art/craft forms. Visit to the craft pockets, document people life, culture and craft and understand the materials, tools, technology, processes and forms. Suggest suitable changes in technology to improve the products so as to make it acceptable in today's context.

Module II: Art and built form

Descriptors/Topics

Art and built form in traditional and vernacular buildings: Rajasthan, Gujarat.

Module III: Studies related to the Craft Sector

Descriptors/Topics

Best Studies related to the Craft Sector, Case Studies From Gujarat, Rajasthan, Uttarakhand, Miscellaneous Case Studies, Craft and Technology in Interior Architecture: Decoding Systems and Transformation through Time.

Examination Scheme:

Components	Attendance	Mid-Term	Assignment	VV
Weightage (%)	5	10	15	70

CT: Class Test, A: Assignment, S/V/Q: Seminar/Viva/Quiz, EE: End Semester Examination; A: Attendance

- F. Text Reading:
- [1] Indian handicrafts, Ministry of information broadcasting, Govt. of India, 1972.
- [2] Laura Slack, What is product Design? Roto Vision publishers, 2006
- [3] Treena Crochet and David Vleck, Designer's ,Guide to Decorative Accessories,:Prentice Hall, Ist edition, 2008.
- [4] Michael Ashby, Kara Johnson, Materials and Design: The Art and Science of material selection in product design, Butter Worth Heinemann, 1st edition, 2002.
- [5] International Design Yearbook, 1995: Furniture, Lighting, Tableware, Textiles and Products, Books Nippan, 1996.
- [6] Karl. T. Ulrich, Steven D. Eppinger, Product Design and Development, McGraw-Hill Education Singapore; 4th edition, 2007
- [7] William Lidwell, Kritina Holden, Jill Butler, Universal principles of Design, Rockport publishers, 2003.
- [8] June Fish, Designing and Printing textiles, Crowood press, 2005
- [9] R.W.Lee, Printing on Textiles by Direct and Transfer Techniques, Noyes Data Corporation, 1981
- [10] Marypaul Yates, Fabrics: A guide for architects and Interior Designers, Norton publishers, 2002.
- [11] Corky Bingelli, Materials for Interior Environments, John wiley and sons,

Lecture Plan

Lecture	Topics	Mode	Correspon	Mode of
		of	ding CO	Assessing
		Delivery		СО

1.	Design problem	Lecture	CO1	Mid Term-
1.	Introduction	Lecture	CO1	1, Quiz &
	miroduction			End Sem
				Exam
2.	Design problem	Lecture	CO1	Mid Term-
	Introduction	Lecture		1, Quiz &
	miroduction			End Sem
				Exam
3.	Design problem	Lecture	CO1	Mid Term-
J .	Introduction	Lecture		1, Quiz &
	mir oddetion			End Sem
				Exam
4.	Design problem Introduction	Lecture	CO1	Mid Term-
	Design problem introduction	Lecture		1, Quiz &
				End Sem
				Exam
5.	Design problem	Lecture	CO1	Mid Term-
]	Introduction	Lecture		1, Quiz &
	miroduction			End Sem
				Exam
6.	Study and designing of	Lecture	CO1	Mid Term-
0.	vertical connecting	Lecture	CO1	1, Quiz &
	components namely as			End Sem
	Ramps, etc. with use of			Exam
	various construction			LXdiii
	materials for interior			
	purpose , their design			
	parameters depending on			
	quantum of use, feasibility,			
	functionality, aesthetics			
	etc.			
7.	Identification of private	Lecture	CO1	Mid Term-
'.	and public craft activity			1, Quiz &
	around the nation, Various			End Sem
	crafts and its perception in			Exam
	the society-design issues in			2/3/11
	transforming old craft			
	forms into modern context			
	by keeping its original			
	spirits, Select one of the			
	art/craft forms. Visit to the			
	craft pockets, document			
	people life, culture and			
	craft and understand the			
	materials, tools,			
	technology, processes and			
	reciniology, processes and			

	Laurea Commercia (1911)			
	forms. Suggest suitable			
	changes in technology to			
	improve the products so as			
	to make it acceptable in			
	today's context.			
8.	Identification of private	Lecture	CO1	Mid Term-
	and public craft activity			1, Quiz &
	around the nation, Various			End Sem
	crafts and its perception in			Exam
	the society-design issues in			
	transforming old craft			
	forms into modern context			
	by keeping its original			
	spirits, Select one of the			
	art/craft forms. Visit to the			
	craft pockets, document			
	people life, culture and			
	craft and understand the			
	materials, tools,			
	technology, processes and			
	forms. Suggest suitable			
	changes in technology to			
	improve the products so as			
	to make it acceptable in			
	I to make it acceptable in			
	<u> </u>			
9.	today's context.	Lecture	CO1	Mid Term-
9.	today's context. Identification of private	Lecture	CO1	Mid Term- 1. Quiz &
9.	today's context. Identification of private and public craft activity	Lecture	CO1	1, Quiz &
9.	today's context. Identification of private and public craft activity around the nation, Various	Lecture	CO1	1, Quiz & End Sem
9.	today's context. Identification of private and public craft activity around the nation, Various crafts and its perception in	Lecture	CO1	1, Quiz &
9.	today's context. Identification of private and public craft activity around the nation, Various crafts and its perception in the society-design issues in	Lecture	CO1	1, Quiz & End Sem
9.	today's context. Identification of private and public craft activity around the nation, Various crafts and its perception in the society-design issues in transforming old craft	Lecture	CO1	1, Quiz & End Sem
9.	today's context. Identification of private and public craft activity around the nation, Various crafts and its perception in the society-design issues in transforming old craft forms into modern context	Lecture	CO1	1, Quiz & End Sem
9.	Identification of private and public craft activity around the nation, Various crafts and its perception in the society-design issues in transforming old craft forms into modern context by keeping its original	Lecture	CO1	1, Quiz & End Sem
9.	Identification of private and public craft activity around the nation, Various crafts and its perception in the society-design issues in transforming old craft forms into modern context by keeping its original spirits, Select one of the	Lecture	CO1	1, Quiz & End Sem
9.	Identification of private and public craft activity around the nation, Various crafts and its perception in the society-design issues in transforming old craft forms into modern context by keeping its original spirits, Select one of the art/craft forms. Visit to the	Lecture	CO1	1, Quiz & End Sem
9.	Identification of private and public craft activity around the nation, Various crafts and its perception in the society-design issues in transforming old craft forms into modern context by keeping its original spirits, Select one of the art/craft forms. Visit to the craft pockets, document	Lecture	CO1	1, Quiz & End Sem
9.	Identification of private and public craft activity around the nation, Various crafts and its perception in the society-design issues in transforming old craft forms into modern context by keeping its original spirits, Select one of the art/craft forms. Visit to the craft pockets, document people life, culture and	Lecture	CO1	1, Quiz & End Sem
9.	Identification of private and public craft activity around the nation, Various crafts and its perception in the society-design issues in transforming old craft forms into modern context by keeping its original spirits, Select one of the art/craft forms. Visit to the craft pockets, document people life, culture and craft and understand the	Lecture	CO1	1, Quiz & End Sem
9.	Identification of private and public craft activity around the nation, Various crafts and its perception in the society-design issues in transforming old craft forms into modern context by keeping its original spirits, Select one of the art/craft forms. Visit to the craft pockets, document people life, culture and craft and understand the materials, tools,	Lecture	CO1	1, Quiz & End Sem
9.	Identification of private and public craft activity around the nation, Various crafts and its perception in the society-design issues in transforming old craft forms into modern context by keeping its original spirits, Select one of the art/craft forms. Visit to the craft pockets, document people life, culture and craft and understand the materials, tools, technology, processes and	Lecture	CO1	1, Quiz & End Sem
9.	Identification of private and public craft activity around the nation, Various crafts and its perception in the society-design issues in transforming old craft forms into modern context by keeping its original spirits, Select one of the art/craft forms. Visit to the craft pockets, document people life, culture and craft and understand the materials, tools, technology, processes and forms. Suggest suitable	Lecture	CO1	1, Quiz & End Sem
9.	Identification of private and public craft activity around the nation, Various crafts and its perception in the society-design issues in transforming old craft forms into modern context by keeping its original spirits, Select one of the art/craft forms. Visit to the craft pockets, document people life, culture and craft and understand the materials, tools, technology, processes and forms. Suggest suitable changes in technology to	Lecture	CO1	1, Quiz & End Sem
9.	Identification of private and public craft activity around the nation, Various crafts and its perception in the society-design issues in transforming old craft forms into modern context by keeping its original spirits, Select one of the art/craft forms. Visit to the craft pockets, document people life, culture and craft and understand the materials, tools, technology, processes and forms. Suggest suitable changes in technology to improve the products so as	Lecture	CO1	1, Quiz & End Sem
9.	Identification of private and public craft activity around the nation, Various crafts and its perception in the society-design issues in transforming old craft forms into modern context by keeping its original spirits, Select one of the art/craft forms. Visit to the craft pockets, document people life, culture and craft and understand the materials, tools, technology, processes and forms. Suggest suitable changes in technology to improve the products so as to make it acceptable in	Lecture	CO1	1, Quiz & End Sem
9.	Identification of private and public craft activity around the nation, Various crafts and its perception in the society-design issues in transforming old craft forms into modern context by keeping its original spirits, Select one of the art/craft forms. Visit to the craft pockets, document people life, culture and craft and understand the materials, tools, technology, processes and forms. Suggest suitable changes in technology to improve the products so as	Lecture	CO1	1, Quiz & End Sem

			T	
	and public craft activity			1, Quiz &
	around the nation, Various			End Sem
	crafts and its perception in			Exam
	the society-design issues in			
	transforming old craft			
	forms into modern context			
	by keeping its original			
	spirits, Select one of the			
	art/craft forms. Visit to the			
	craft pockets, document			
	people life, culture and			
	craft and understand the			
	materials, tools,			
	technology, processes and			
	forms. Suggest suitable			
	changes in technology to			
	improve the products so as			
	to make it acceptable in			
	today's context.			
11.	Identification of private	Lecture	CO1	Mid Term-
	and public craft activity			1, Quiz &
	around the nation, Various			End Sem
	crafts and its perception in			Exam
	the society-design issues in			
	transforming old craft			
	forms into modern context			
	by keeping its original			
	spirits, Select one of the			
	art/craft forms. Visit to the			
	craft pockets, document			
	people life, culture and			
	craft and understand the			
	materials, tools,			
	technology, processes and			
	forms. Suggest suitable			
	changes in technology to			
	improve the products so as			
	to make it acceptable in			
	today's context.			
12.	Identification of private	Lecture	CO1	Mid Term-
	and public craft activity			1, Quiz &
	around the nation, Various			End Sem
	crafts and its perception in			Exam
	the society-design issues in			
	transforming old craft			
	forms into modern context			

	by keeping its original spirits, Select one of the art/craft forms. Visit to the craft pockets, document people life, culture and craft and understand the materials, tools, technology, processes and forms. Suggest suitable			
	changes in technology to improve the products so as to make it acceptable in today's context.			
13.	Identification of private and public craft activity around the nation, Various crafts and its perception in the society-design issues in transforming old craft forms into modern context by keeping its original spirits, Select one of the art/craft forms. Visit to the craft pockets, document people life, culture and craft and understand the materials, tools, technology, processes and forms. Suggest suitable changes in technology to improve the products so as to make it acceptable in today's context.	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
14.	Identification of private and public craft activity around the nation, Various crafts and its perception in the society-design issues in transforming old craft forms into modern context by keeping its original spirits, Select one of the art/craft forms. Visit to the craft pockets, document people life, culture and craft and understand the	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam

			<u> </u>	T
	materials, tools,			
	technology, processes and			
	forms. Suggest suitable			
	changes in technology to			
	improve the products so as			
	to make it acceptable in			
	today's context.			
15.	Art and built form in	Lecture	CO1	Mid Term-
	traditional and vernacular			1, Quiz &
	buildings: Rajasthan,			End Sem
	Gujarat.			Exam
16.	Art and built form in	Lecture	CO1	Mid Term-
	traditional and vernacular			1, Quiz &
	buildings: Rajasthan,			End Sem
	Gujarat.			Exam
17.	Art and built form in	Lecture	CO1	Mid Term-
	traditional and vernacular			1, Quiz &
	buildings: Rajasthan,			End Sem
	Gujarat.			Exam
18.	Art and built form in	Lecture	CO1	Mid Term-
	traditional and vernacular			1, Quiz &
	buildings: Rajasthan,			End Sem
	Gujarat.			Exam
19.	Art and built form in	Lecture	CO1	Mid Term-
	traditional and vernacular			1, Quiz &
	buildings: Rajasthan,			End Sem
	Gujarat.			Exam
20.	Art and built form in	Lecture	CO1	Mid Term-
	traditional and vernacular			1, Quiz &
	buildings: Rajasthan,			End Sem
	Gujarat.			Exam
21.	Art and built form in	Lecture	CO1	Mid Term-
	traditional and vernacular			2, Quiz &
	buildings: Rajasthan,			End Sem
	Gujarat.			Exam
22.	Art and built form in	Lecture	CO1	Mid Term-
	traditional and vernacular			2, Quiz &
	buildings: Rajasthan,			End Sem
	Gujarat.			Exam
23.	Best Studies related to the	Lecture	CO1	Mid Term-
	Craft Sector, Case Studies			2, Quiz &
	From Gujarat, Rajasthan,			End Sem
	Uttarakhand,			Exam
	Miscellaneous Case			
	Studies, Craft and			
	Technology in Interior			
	reciniology in interior			

	Analaita atuur - Daaa di			
	Architecture: Decoding			
	Systems and			
	Transformation through			
	Time.			
24.	Best Studies related to the	Lecture	CO1	Mid Term-
	Craft Sector, Case Studies			2, Quiz &
	From Gujarat, Rajasthan,			End Sem
	Uttarakhand,			Exam
	Miscellaneous Case			
	Studies, Craft and			
	Technology in Interior			
	Architecture: Decoding			
	Systems and			
	Transformation through			
	Time.			
25.	Best Studies related to the	Lecture	CO1	Mid Term-
	Craft Sector, Case Studies			2, Quiz &
	From Gujarat, Rajasthan,			End Sem
	Uttarakhand,			Exam
	Miscellaneous Case			
	Studies, Craft and			
	Technology in Interior			
	Architecture: Decoding			
	Systems and			
	Transformation through			
	Time.			
26.	Best Studies related to the	Lecture	CO2	Mid Term-
	Craft Sector, Case Studies			2, Quiz &
	From Gujarat, Rajasthan,			End Sem
	Uttarakhand,			Exam
	Miscellaneous Case			EXCIT
	Studies, Craft and			
	Technology in Interior			
	Architecture: Decoding			
	Systems and			
	Transformation through			
	Time.			
27.	Best Studies related to the	Lecture	CO2	Mid Term-
27.	Craft Sector, Case Studies	Lecture	CO2	2, Quiz &
	From Gujarat, Rajasthan,			End Sem
	Uttarakhand,			Exam
	Miscellaneous Case			LAGIII
	Studies, Craft and			
	Technology in Interior			
	Architecture: Decoding			
	Systems and			

	Transformation through Time.			
28.	Best Studies related to the Craft Sector, Case Studies From Gujarat, Rajasthan, Uttarakhand, Miscellaneous Case Studies, Craft and Technology in Interior Architecture: Decoding Systems and Transformation through Time.	Lecture	CO2	Mid Term- 2, Quiz & End Sem Exam
29.	Best Studies related to the Craft Sector, Case Studies From Gujarat, Rajasthan, Uttarakhand, Miscellaneous Case Studies, Craft and Technology in Interior Architecture: Decoding Systems and Transformation through Time.	Lecture	CO2	Mid Term- 2, Quiz & End Sem Exam
30.	Best Studies related to the Craft Sector, Case Studies From Gujarat, Rajasthan, Uttarakhand, Miscellaneous Case Studies, Craft and Technology in Interior Architecture: Decoding Systems and Transformation through Time.	Lecture	CO2	Mid Term- 2, Quiz & End Sem Exam

31.	Art and built form in traditional and vernacular buildings: Rajasthan, Gujarat.	Lecture	CO2	Mid Term- 2, Quiz & End Sem Exam
32.	Art and built form in traditional and vernacular buildings: Rajasthan, Gujarat.	Lecture	CO2	Mid Term- 2, Quiz & End Sem Exam
33.	Art and built form in traditional and vernacular buildings: Rajasthan, Gujarat.	Lecture	CO2	Mid Term- 2, Quiz & End Sem Exam

34.	Best Studies related to the Craft Sector, Case Studies From Gujarat, Rajasthan, Uttarakhand, Miscellaneous Case Studies, Craft and Technology in Interior Architecture: Decoding Systems and Transformation through Time.	Lecture	CO2	Mid Term- 2, Quiz & End Sem Exam
35.	Best Studies related to the Craft Sector, Case Studies From Gujarat, Rajasthan, Uttarakhand, Miscellaneous Case Studies, Craft and Technology in Interior Architecture: Decoding Systems and Transformation through Time.	Lecture	CO2	Mid Term- 2, Quiz & End Sem Exam
36.	Best Studies related to the Craft Sector, Case Studies From Gujarat, Rajasthan, Uttarakhand, Miscellaneous Case Studies, Craft and Technology in Interior Architecture: Decoding Systems and Transformation through Time.	Lecture	CO2	Mid Term- 2, Quiz & End Sem Exam

37.	Best Studies related to the Craft Sector, Case Studies From Gujarat, Rajasthan, Uttarakhand, Miscellaneous Case Studies, Craft and Technology in Interior Architecture: Decoding Systems and Transformation through Time.		
38.	Best Studies related to the Craft Sector, Case Studies From Gujarat, Rajasthan, Uttarakhand, Miscellaneous Case Studies, Craft and Technology in Interior Architecture: Decoding Systems and Transformation through Time.		
39.	Best Studies related to the Craft Sector, Case Studies From Gujarat, Rajasthan, Uttarakhand, Miscellaneous Case Studies, Craft and Technology in Interior Architecture: Decoding Systems and Transformation through Time.		

40.	Best Studies related to the Craft Sector, Case Studies From Gujarat, Rajasthan, Uttarakhand, Miscellaneous Case Studies, Craft and Technology in Interior Architecture: Decoding Systems and Transformation through Time.	Lecture	CO2	Mid Term- 2, Quiz & End Sem Exam
41.	Best Studies related to the Craft Sector, Case Studies From Gujarat, Rajasthan, Uttarakhand, Miscellaneous Case Studies, Craft and Technology in Interior Architecture: Decoding Systems and Transformation through Time.	Lecture	CO2	Mid Term- 2, Quiz & End Sem Exam
42.	Art and built form in traditional and vernacular buildings: Rajasthan, Gujarat.	Lecture	CO2	Mid Term- 2, Quiz & End Sem Exam

43.	Art and built form in traditional and vernacular buildings: Rajasthan, Gujarat.	Lecture	CO2	Mid Term- 2, Quiz & End Sem Exam
44.	Art and built form in traditional and vernacular buildings: Rajasthan, Gujarat.	Lecture	CO2	Mid Term- 2, Quiz & End Sem Exam
45.	Best Studies related to the Craft Sector, Case Studies From Gujarat, Rajasthan, Uttarakhand, Miscellaneous Case Studies, Craft and Technology in Interior Architecture: Decoding Systems and Transformation through Time.	Lecture	CO2	Mid Term- 2, Quiz & End Sem Exam

G. Course Articulation Matrix (Mapping of COs with POs)

СО	STATEMENT		CORRELATION WITH PROGRAMME OUTCOMES						CORRELATION WITH PROGRAMME SPECIFIC OUTCOMES									
		P O 1	P O 2	P O 3	P O 4	P O 5	P O 6	P O 7	P O 8	P O 9	P O 1	P O 1		PS O1	PS O2	PS O3	PS 04	PS 05
CO 01	Apply knowledge of construction material, methods, and process to transform idea in to design;	1	1	-	-	1	-	3	3	3	-	1	1	-	3	1	1	3
CO 02	Develop the design for all kind of wooden material, Staircase, door, window, glazed window and partition, paneling and storage cabinet;																	
CO 03	Compare different design suiting the purpose/function and principles of design;	1	1	-	-	1	-	3	3	3	-	-	1	-	3	1	1	3

Sample Question Paper

Amity School of Architecture & Planning MID-SEMESTER (SEM –V) 2021-22										
		Class: BID V Se	mester							
Subject Name: BID 505 Building Interior Services - Revitalization of Art & Craft - I Time: 3 Hrs Max. Marks: 10										
Levels of the questions as per Blooms Taxonomy Remembering Understanding Applying Analyzing Evaluating Creating Creating Properties of the questions as per Blooms Taxonomy										
Question Mapping	Question Q.1,4 Q.2,3 Q.4 Q.2,5,6									

Student will be able to

CO1: List the broad perceptive of cloud architecture and model.

CO2: Apply different cloud programming models as per need.

CO Map	Question No.	Question	Marks
CO1	Q.1	Explain in brief the cloud computing concept.	3
CO1	Q.2a	What are the essential characteristics of cloud computing?	3
	Q.2b	How is cloud computing requirements and cloud servicerequirement services related to each other?	3
CO2	Q.3	Sketch NIST Cloud Computing Reference Architecture and depictits elements	6
CO2	Q.4	Explain the significance of Cloud Reference Model	3
CO3	Q.5a	Elaborate different cloud types with example.	3
CO3	Q.5b	Write characteristics of private cloud.	3
CO3	Q6	How virtualization is applied in cloud computing scenario?	6

Attainments	;	Rubric
Level	1	IF 60% of students secure more than 60% marks then level 1
Level	2	IF 70% of students secure more than 60% marks then level 2
Level	3	IF 80% of students secure more than 60% marks then level 3

Course outcome: Based on internal and external assessment the level of Course outcome attainment of the course BID/Course code BID 505 is level 2 for the academic year 2021-2022.



AMITY UNIVERSITY MADHYA PRADESH, GWALIOR AMITY SCHOOL OF ARCHITECTURE AND PLANNING DEPARTMENT OF ARCHITECTURE AND PLANNING

PROGRAMME OUTCOMES AND PROGRAMME SPECIFIC OUTCOMES Bachelor of Interior Design (BID), Academic Year – 2021-22

Program Outcomes:

- **PO1. Design Knowledge:** Incorporate a global perspective when making design decisions, based on sustainable, socio-economic, and cultural contexts.
- PO2. Problem Analysis: Apply theories of human behaviour to human-centered design solutions.
- **PO3.** Design/Development of Solutions: Apply the design process to generate creative solutions to complex problems optimizing the human experience within the interior environment. Apply theory, psychology, and methodology of color to designs of the interior environment.
- **PO4. Individual and Team Work:** Collaborate in multi-disciplinary teams respecting a variety of points of view and perspectives that enrich the process and product of the team.
- **PO5. Communication:** Communicate complex ideas clearly to specialists and non-specialists through appropriate oral, written, and representational media.
- **PO6. Life Long Learning:** Exemplify accepted standards of professionalism and business practice including a commitment to engage in lifelong learning.
- **PO7. Context and Society:** Analyze interiors, architecture, the decorative arts, and art within a historical and cultural context to inform contemporary design solutions that relate with the society for whom the design solution is to be provided.
- **PO8. Synthesis of Concepts:** Synthesize theories and concepts of spatial definition and organization into multi-dimensional design solutions.
- **PO9. Modern Technique usage:** Specify furniture, fixtures, and equipment's of finish materials to meet the design criteria for a variety of interior spaces.
- **PO10.** Environment and Sustainability: Apply principles of lighting, acoustics, thermal comfort, and indoor air quality as required to enhance the health, safety, welfare, and performance of building occupants for overall sustainable development of the individuals.
- PO11. Ethics: Comply with laws, codes, and standards that impact fire safety and life safety.

PO12. Project/Construction Management: Produce construction drawings and documents using industry standards for a variety of interior spaces. Employ environment-behaviour research methodologies to address open-ended problems in interior design.

Program Specific Outcome:

As part of the school's charter and mission, Amity School of Architecture and Planning is providing a vibrant planning environment, ensuring its under-graduates are not only valued by the planning practice, but are also able to:

PSO1. Demonstrate critical thinking as they identify, analyze, and solve interior architecture and design problems through completion of interior design studio projects. Apply creative and critical thinking to solve interior environment problems from a human-cantered approach and apply this knowledge to design solutions.

PSO2. Demonstrate preparation for global design practice by incorporating cultural norms of user populations and applying that knowledge to design solutions that support globally diverse end users.

PSO3. Demonstrate effective visual, verbal, and written communication.

PSO4. Apply ethical and professional practices.

PSO5. Demonstrate social responsibility by designing sustainable interior environments that support indoor environmental quality and improve the quality of life for occupants.

PSO6. Engage in integrative professional design practice by contributing interior architecture and design expertise to collaborative design teams.

Note: - Correlation levels 1, 2 and 3 as defined below:

1: Slight (Low), 2: Moderate (Medium) and 3: Substantial (High)

If there is no correlation, put "-"

PROGRAMME ARTICULATION MATRIX																					
SEM	SUBJECT CODE	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12	PO 13	PO 14	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5	PSO 6
	BID101	3	3	3	3	2	1	2	3	3	1	1	3	3	1	3	3	-	-	2	-
	BID102	2	2	3	2	2	1	-		1	2	2	2	-	1	1	3	-	-	-	-
	BID103	2	2	1	-	3	1	2	3	3	2	1	1	2	2	3	3	1	-	-	-
- 1	BID104	1	1	1	2	-	-	-	2	-	-	-	2	-	-	1	1	-	-	-	-
	BID105	3	2	3	2	1	1	2	3	1	2	-	3	-	1	3	3	-	-	2	-
	BID106	-	1	-	-	-	-	3	2	-	-	-	-	-	1	1	1	-	-	-	-
	BID107	3	2	3	3	1	1	3	-	3	3	-	3	2	3	3	3	3	-	-	-
	BID201	3	2	3	3	2	2	2	3	3	1	1	3	3	1	3	3	-	-	2	-
	BID202	3	-	3	2	2	2	-	1	1	1	3	3	2	1	1	2	-	-	-	-
	BID203	2	2	1	1	3	2	2	3	3	2	1	2	2	1	3	3	1	-	2	-
П	BID204	1	3	1	-	-	-	-	1	1	-	-	2	-	1	1	1	-	-	-	-
	BID205	1	-	3	3	1	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-
	BID206	1	1	-	-	-	-	3	3	3	-	-	-	-	-	1	3	-	-	-	-
	BID207	3	-	1	3	1	1	-	1	3	3	3	3	3	3	3	3	3	-	-	-
	BID301	3	3	3	3	2	2	2	3	3	1	1	2	3	1	3	3	-	-	2	-
	BID302	2	-	3	2	2	2	-	1	1	1	2	2	2	1	1	1	-	-	-	-
	BID303	2	2	2	2	-	3	2	-	1	-	-	-	2	-	1	1	-	-	-	-
Ш	BID304	3	3	-	-	3	-	-	3	3	-	-	-	-	-	1	1	-	-	-	-
	BID305	1	-	3	3	1	2	-	-	-	-	-	-	-	-	1	-	-	-	-	-
	BID306	1	1	-	-	2	-	3	3	3	-	-	-	-	-	-	-	-	-	-	-
	BID307	1	3	1	-	3	-	-	3	3	-	-	-	-	3	-	-	-	-	2	-
	BID401	3	3	3	3	2	2	2	3	3	2	1	2	3	1	3	3	-	-	2	-
	BID402	2	1	3	2	2	2	-	1	-	2	1	2	3	1	1	1	-	-	2	-
	BID403	2	2	2	3	1	2	1	1	-	-	-	-	2	-	3	1	-	-	2	-
IV	BID404	3	-	2	3	1	2	1	1	-	1	2	2	2	-	1	1	-	-	2	-
	BID405	3	1	1	1	1	1	-	3	3	3	2	2	1	1	3	3	-	-	-	-
	BID406	3	3	3	3	3	2	3	2	3	3	2	3	-	-	1	3	-	-	2	-
	BID407	3	2	3	3	2	2	2	2	3	3	-	-	-	1	1	3	-	-	-	-
	BID501	3	3	3	3	2	2	2	3	3	3	1	2	3	1	3	1	-	-	2	-
	BID502	2	1	3	2	2	2	1	1	-	1	1	2	3	1	1	1	-	-	-	-
V	BID503	2	1	2	3	-	3	1	1	-	-	3	-	2	3	3	1	-	-	2	-
V	BID504	2	1	1	3	-	3	-	-	-	-	3	-	2	3	3	1	-	-	2	-
	BID505	1	1	-	-	1	-	3	3	3	-	-	1	-	3	1	1	3	-	-	-
	BID506	3	3	3	3	2	2	3	3	2	3	3	3	3	1	3	3	-	-	2	-
	BID601	3	3	3	3	2	2	2	3	3	3	3	1	3	1	3	3	-	-	2	-
	BID602	1	-	3	3	2	2	2	3	3	-	2	1	-	-	3	3	3	-	-	-
	BID603	3	3	2	2	1	1	1	3	3	1	2	2	2	3	3	3	-	-	-	-
VI	BID604	3	2	3	3	2	2	2	3	3	3	2	3	3	-	3	3	-	-	2	-
	BID605	2	-	1	3	-	-	-	-	-	-	-	-	-	3	3	-	-	-	-	-
	BID606	3	2	3	3	1	2	2	3	3	-	3	-	-	-	3	2	-	-	-	-
	BID607	2	3	3	3	1	2	2	3	3	1	-	-	-	3	3	2	-	-	-	-
VII	BID701	3	3	3	3	2	3	1	3	2	1	-	3	3	3	3	ı	-	-	2	-
VIII	BID 801	3	3	3	3	2	2	2	3	3	1	3	2	3	3	3	3	-	-	2	-

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BID 802	-	-	-	-	1	1	-	1	-	-	-	-	3	3	2	3	3	3	-	3
BID 803	1	-	2	1	1	2	-	2	1	-	1	-	2	3	2	1	2	-	-	-
BID 804	3	1	2	2	2	1	-	2	2	1	-	2	-	-	-	1	-	-	-	-
BID 805	1	3	1	1	2	1	2	1	2	1	1	-	2	1	2	-	-	-	-	-

DEPARTMENT OF ARCHITECTURE & PLANNING

Course Handout

Course: Furniture Detailing - I

Course Code: BID 506, Crédits: 02, Session: 2021-22(Odd Sem.), Class: BID 3rd Year

Faculty Name: Ar. Manish Kumar Chitranshi

- A. Introduction: •The formal lecture material and also provide the student with case study, hands on skills. Participants are encouraged to engage in active interaction through classroom participation.
- **B.** Course Outcomes: At the end of the course, students will be able to:

CO1: • The history of furniture is also to be introduced and described as the part of the

CO2: • The aim of the course is to make the students aware of the furniture designing which is a important part of interior design.

C. Programme Outcomes:

- **PO1. Design Knowledge:** Incorporate a global perspective when making design decisions, based on sustainable, socio-economic, and cultural contexts.
- **PO2. Problem Analysis:** Apply theories of human behaviour to human-centered design solutions.
- **PO3. Design/Development of Solutions:** Apply the design process to generate creative solutions to complex problems optimizing the human experience within the interior environment. Apply theory, psychology, and methodology of color to designs of the interior environment.
- PO4. Individual and Team Work: Collaborate in multi-disciplinary teams respecting a

- variety of points of view and perspectives that enrich the process and product of the team.
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D. Programme Specific Outcomes:

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- **PSO1.** Demonstrate critical thinking as they identify, analyze, and solve interior architecture and design problems through completion of interior design studio projects. Apply creative and critical thinking to solve interior environment problems from a human-cantered approach and apply this knowledge to design solutions.
- **PSO2.** Demonstrate preparation for global design practice by incorporating cultural norms of user populations and applying that knowledge to design solutions that support globally diverse end users.
- **PSO3.** Demonstrate effective visual, verbal, and written communication.

PSO4. Apply ethical and professional practices.

PSO5. Demonstrate social responsibility by designing sustainable interior environments that support indoor environmental quality and improve the quality of life for occupants.

PSO6. Engage in integrative professional design practice by contributing interior architecture and design expertise to collaborative design teams.

Assessment Plan:

Component	Description	Code	Weightage
of Evaluation			%
Continuous Internal	Mid Term	СТ	10%
Evaluation	Seminar/Quiz/	S/Q/A	15%
	Assignment		
Attendance	A minimum of 75%	Α	5%
	Attendance is required to be		
	maintained by a studentto be		
	qualified for taking up the End		
	Semester examination. The		
	allowance of 25% includes all		
	types of leaves		
	including medical leaves.		
End Semester	End Semester	EE	70%
Examination	(Viva-Voce)		
Total			100%

E. Syllabus

Module I: Furniture design

Descriptors/Topics

Introduction to furniture design, analyzing furniture type, form and designing.

Module II: Furniture materials

Descriptors/Topics

Introduction to furniture design materials used.

Module III: Parameters

Descriptors/Topics

Analyzing working parameters and visual perception of furniture.

Module IV: Measuring drawing

Descriptors/Topics

Measuring drawing of a simple furniture and make it in the workshop, Introduction to various typology of furniture.

Examination Scheme:

Components	Attendance	Mid-Term	Assignment	VV
Weightage (%)	5	10	15	70

CT: Class Test, A: Assignment, S/V/Q: Seminar/Viva/Quiz, EE: End Semester Examination; A: Attendance

- F. Text Reading:
- [1] Indian handicrafts, Ministry of information broadcasting, Govt. of India, 1972.
- [2] Laura Slack, What is product Design? Roto Vision publishers, 2006
- [3] Treena Crochet and David Vleck, Designer's ,Guide to Decorative Accessories,:Prentice Hall, Ist edition, 2008.
- [4] Michael Ashby, Kara Johnson, Materials and Design: The Art and Science of material selection in product design, Butter Worth Heinemann, 1st edition, 2002.
- [5] International Design Yearbook, 1995: Furniture, Lighting, Tableware, Textiles and Products, Books Nippan, 1996.
- [6] Karl. T. Ulrich, Steven D. Eppinger, Product Design and Development, McGraw-Hill Education Singapore; 4th edition, 2007
- [7] William Lidwell, Kritina Holden, Jill Butler, Universal principles of Design, Rockport publishers, 2003.
- [8] June Fish, Designing and Printing textiles, Crowood press, 2005
- [9] R.W.Lee, Printing on Textiles by Direct and Transfer Techniques, Noyes Data Corporation, 1981
- [10] Marypaul Yates, Fabrics: A guide for architects and Interior Designers, Norton publishers, 2002.
- [11] Corky Bingelli, Materials for Interior Environments, John wiley and sons,

Lecture Plan

Lecture	Topics	Mode of Delivery	Correspon ding CO	Mode of Assessing CO
1.	Design problem	Lecture	CO1	Mid Term-
	Introduction			1, Quiz &

				Frad Co
				End Sem
	Design puchlant	1	601	Exam
2.	Design problem Introduction	Lecture	CO1	Mid Term-
	Introduction			1, Quiz & End Sem
				Exam
3.	Docian problem	Lecture	CO1	Mid Term-
3.	Design problem Introduction	Lecture	(01	1, Quiz &
	Introduction			End Sem
				Exam
4.	Design problem Introduction	Lecture	CO1	Mid Term-
ļ	Design problem introduction	Lecture	601	1, Quiz &
				End Sem
				Exam
5.	Design problem	Lecture	CO1	Mid Term-
	Introduction			1, Quiz &
				End Sem
				Exam
6.	Study and designing of	Lecture	CO1	Mid Term-
	vertical connecting			1, Quiz &
	components namely as			End Sem
	Ramps, etc. with use of			Exam
	various construction			
	materials for interior			
	purpose , their design			
	parameters depending on			
	quantum of use, feasibility,			
	functionality, aesthetics			
	etc.			
7.	Introduction to furniture	Lecture	CO1	Mid Term-
	design, analyzing furniture			1, Quiz &
	type, form and designing			End Sem
	Laboration to Co. 11	1	601	Exam
8.	Introduction to furniture	Lecture	CO1	Mid Term-
	design, analyzing furniture			1, Quiz &
	type, form and designing			End Sem
	Introduction to finalities	10000	601	Exam Mid Torm
9.	Introduction to furniture	Lecture	CO1	Mid Term-
	design, analyzing furniture			1, Quiz & End Sem
	type, form and designing			Exam
10.	Introduction to furniture	Lecture	CO1	Mid Term-
10.	design, analyzing furniture	Lecture	1001	1, Quiz &
	type, form and designing			End Sem
	type, form and designing			Exam
11.	Introduction to furniture	Lecture	CO1	Mid Term-
11.	יייניסטטכנוטוו נט ועוווונעוב	LCCLUIE	CO1	IVIIU TETITI

	decise each size from those			1 0 0
	design, analyzing furniture			1, Quiz &
	type, form and designing			End Sem
				Exam
12.	Introduction to furniture	Lecture	CO1	Mid Term-
	design, analyzing furniture			1, Quiz &
	type, form and designing			End Sem
				Exam
13.	Introduction to furniture	Lecture	CO1	Mid Term-
	design, analyzing furniture			1, Quiz &
	type, form and designing			End Sem
				Exam
14.	Introduction to furniture	Lecture	CO1	Mid Term-
	design materials used.			1, Quiz &
				End Sem
				Exam
15.	Introduction to furniture	Lecture	CO1	Mid Term-
	design materials used.			1, Quiz &
				End Sem
				Exam
16.	Introduction to furniture	Lecture	CO1	Mid Term-
	design materials used.	100000	332	1, Quiz &
	acsign materials ascar			End Sem
				Exam
17.	Introduction to furniture	Lecture	CO1	Mid Term-
17.	design materials used.	Lecture	CO1	1, Quiz &
	design materials used.			End Sem
				Exam
18.	Introduction to furniture	Lecture	CO1	Mid Term-
10.		Lecture	CO1	
	design materials used.			1, Quiz & End Sem
10	Laboration to Constitute	1	604	Exam
19.	Introduction to furniture	Lecture	CO1	Mid Term-
	design materials used.			1, Quiz &
				End Sem
				Exam
20.	Introduction to furniture	Lecture	CO1	Mid Term-
	design materials used.			1, Quiz &
				End Sem
				Exam
21.	Introduction to furniture	Lecture	CO1	Mid Term-
	design materials used.			2, Quiz &
				End Sem
				Exam
22.	Analyzing working	Lecture	CO1	Mid Term-
	parameters and visual			2, Quiz &
	perception of furniture			End Sem

				Exam
23.	Analyzing working	Lecture	CO1	Mid Term-
	parameters and visual			2, Quiz &
	perception of furniture			End Sem
				Exam
24.	Analyzing working	Lecture	CO1	Mid Term-
	parameters and visual			2, Quiz &
	perception of furniture			End Sem
				Exam
25.	Analyzing working	Lecture	CO1	Mid Term-
	parameters and visual			2, Quiz &
	perception of furniture			End Sem
				Exam
26.	Analyzing working	Lecture	CO2	Mid Term-
	parameters and visual			2, Quiz &
	perception of furniture			End Sem
				Exam
27.	Analyzing working	Lecture	CO2	Mid Term-
	parameters and visual			2, Quiz &
	perception of furniture			End Sem
				Exam
28.	Analyzing working	Lecture	CO2	Mid Term-
	parameters and visual			2, Quiz &
	perception of furniture			End Sem
				Exam
29.	Analyzing working	Lecture	CO2	Mid Term-
	parameters and visual			2, Quiz &
	perception of furniture			End Sem
				Exam
30.	Analyzing working	Lecture	CO2	Mid Term-
	parameters and visual			2, Quiz &
	perception of furniture			End Sem
				Exam

G. Course Articulation Matrix (Mapping of COs with POs)

СО	STATEMENT		COF	RREL			/ITH COM		GRA	MMI				CORRELATION WITH PROGRAMME SPECIFIC OUTCOMES					
		Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	PS	PS	PS	PS	PS	
		0	0	0	0	0	0	0	0	0	0	0	0	01	O2	О3	04	05	
		1	1 2 3 4 5 6 7 8 9 1 1 1																

CO 01	Apply knowledge of									
	construction material,									
	methods, and process									
	to transform idea in to									
	design;									
CO 02	Develop the design for									
	all kind of wooden									
	material, Staircase,									
	door, window, glazed									
	window and partition,									
	paneling and storage									
	cabinet;									
CO 03	Compare different									
	design suiting the									
	purpose/function and									
	principles of design;									

Sample Question Paper

Amity School of Architecture & Planning MID-SEMESTER (SEM –V) 2021-22									
Class: BID V Semester									
Subject Name: BID Building Interior S Furniture Detailing	ervices -	Time: 3 Hrs							
Levels of the questions as per Blooms Taxonomy	Remembering	Understanding	Applying	Analyz	zing	Evaluating	Creating		
Question Mapping	Q.1,4	Q.2,3	Q.4	Q.2,5,	6				

Student will be able to

CO1: List the broad perceptive of cloud architecture and model.

CO2: Apply different cloud programming models as per need.

CO Map	Question No.	Question	Marks
CO1	Q.1	Explain in brief the cloud computing concept.	3
CO1	Q.2a	What are the essential characteristics of cloud computing?	3

	Q.2b	How is cloud computing requirements and cloud servicerequirement services related to each other?	3
CO2	Q.3	Sketch NIST Cloud Computing Reference Architecture and depictits elements	6
CO2	Q.4	Explain the significance of Cloud Reference Model	3
603	Q.5a	Elaborate different cloud types with example.	3
CO3	Q.5b	Write characteristics of private cloud.	3
CO3	Q6	How virtualization is applied in cloud computing scenario?	6

Attainments		Rubric					
Level	1	IF 60% of students secure more than 60% marks then level 1					
Level	2	IF 70% of students secure more than 60% marks then level 2					
Level	3	IF 80% of students secure more than 60% marks then level 3					

Course outcome: Based on internal and external assessment the level of Course outcome attainment of the course BID/Course code BID 506 is level 2 for the academic year 2021-2022.

AMITY UNIVERSITY MADHYA PRADESH, GWALIOR AMITY SCHOOL OF ARCHITECTURE AND PLANNING DEPARTMENT OF ARCHITECTURE AND PLANNING

PROGRAMME OUTCOMES AND PROGRAMME SPECIFIC OUTCOMES Bachelor of Interior Design (BID), Academic Year – 2021-22

Program Outcomes:

- **PO1. Design Knowledge:** Incorporate a global perspective when making design decisions, based on sustainable, socio-economic, and cultural contexts.
- PO2. Problem Analysis: Apply theories of human behaviour to human-centered design solutions.
- **PO3.** Design/Development of Solutions: Apply the design process to generate creative solutions to complex problems optimizing the human experience within the interior environment. Apply theory, psychology, and methodology of color to designs of the interior environment.
- **PO4. Individual and Team Work:** Collaborate in multi-disciplinary teams respecting a variety of points of view and perspectives that enrich the process and product of the team.
- **PO5. Communication:** Communicate complex ideas clearly to specialists and non-specialists through appropriate oral, written, and representational media.
- **PO6. Life Long Learning:** Exemplify accepted standards of professionalism and business practice including a commitment to engage in lifelong learning.
- **PO7. Context and Society:** Analyze interiors, architecture, the decorative arts, and art within a historical and cultural context to inform contemporary design solutions that relate with the society for whom the design solution is to be provided.
- **PO8. Synthesis of Concepts:** Synthesize theories and concepts of spatial definition and organization into multi-dimensional design solutions.
- **PO9. Modern Technique usage:** Specify furniture, fixtures, and equipment's of finish materials to meet the design criteria for a variety of interior spaces.
- **PO10.** Environment and Sustainability: Apply principles of lighting, acoustics, thermal comfort, and indoor air quality as required to enhance the health, safety, welfare, and performance of building occupants for overall sustainable development of the individuals.
- PO11. Ethics: Comply with laws, codes, and standards that impact fire safety and life safety.

PO12. Project/Construction Management: Produce construction drawings and documents using industry standards for a variety of interior spaces. Employ environment-behaviour research methodologies to address open-ended problems in interior design.

Program Specific Outcome:

As part of the school's charter and mission, Amity School of Architecture and Planning is providing a vibrant planning environment, ensuring its under-graduates are not only valued by the planning practice, but are also able to:

PSO1. Demonstrate critical thinking as they identify, analyze, and solve interior architecture and design problems through completion of interior design studio projects. Apply creative and critical thinking to solve interior environment problems from a human-cantered approach and apply this knowledge to design solutions.

PSO2. Demonstrate preparation for global design practice by incorporating cultural norms of user populations and applying that knowledge to design solutions that support globally diverse end users.

PSO3. Demonstrate effective visual, verbal, and written communication.

PSO4. Apply ethical and professional practices.

PSO5. Demonstrate social responsibility by designing sustainable interior environments that support indoor environmental quality and improve the quality of life for occupants.

PSO6. Engage in integrative professional design practice by contributing interior architecture and design expertise to collaborative design teams.

Note: - Correlation levels 1, 2 and 3 as defined below:

1: Slight (Low), 2: Moderate (Medium) and 3: Substantial (High)

If there is no correlation, put "-"

	PROGRAMME ARTICULATION MATRIX											TIOI	N MA	ATRIX	(
SEM	SUBJECT CODE	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12	PO 13	PO 14	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5	PSO 6
	BID101	3	3	3	3	2	1	2	3	3	1	1	3	3	1	3	3	-	-	2	-
	BID102	2	2	3	2	2	1	-		1	2	2	2	-	1	1	3	-	-	-	-
	BID103	2	2	1	-	3	1	2	3	3	2	1	1	2	2	3	3	1	-	-	-
I	BID104	1	1	1	2	-	-	-	2	-	-	-	2	-	-	1	1	-	-	-	-
	BID105	3	2	3	2	1	1	2	3	1	2	-	3	-	1	3	3	-	-	2	-
	BID106	-	1	-	-	-	-	3	2	-	-	-	-	-	1	1	1	-	-	-	-
	BID107	3	2	3	3	1	1	3	-	3	3	-	3	2	3	3	3	3	-	-	-
	BID201	3	2	3	3	2	2	2	3	3	1	1	3	3	1	3	3	-	-	2	-
	BID202	3	1	3	2	2	2	-	1	1	1	3	3	2	1	1	2	-	-	-	-
	BID203	2	2	1	1	3	2	2	3	3	2	1	2	2	1	3	3	1	-	2	-
П	BID204	1	3	1	-	-	-	-	1	1	-	-	2	-	1	1	1	-	-	-	-
	BID205	-	1	3	3	1	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-
	BID206	-	1	-	-	-	-	3	3	3	-	-	-	-	-	1	3	-	-	-	-
	BID207	3	-	1	3	1	1	-	1	3	3	3	3	3	3	3	3	3	-	-	-
	BID301	3	3	3	3	2	2	2	3	3	1	1	2	3	1	3	3	-	-	2	-
	BID302	2	-	3	2	2	2	-	1	1	1	2	2	2	1	1	1	-	-	-	-
	BID303	2	2	2	2	-	3	2	-	1	-	-	-	2	-	1	1	-	-	-	-
Ш	BID304	3	3	-	-	3	-	-	3	3	-	-	-	-	-	1	1	-	-	-	-
	BID305	-	1	3	3	1	2	-	-	-	-	-	-	-	-	1	-	-	-	-	-
	BID306	-	1	-	-	2	-	3	3	3	-	-	-	-	-	-	-	-	-	-	-
	BID307	1	3	1	-	3	-	-	3	3	-	-	-	-	3	-	-	-	-	2	-
	BID401	3	3	3	3	2	2	2	3	3	2	1	2	3	1	3	3	-	-	2	-
	BID402	2	1	3	2	2	2	-	1	-	2	1	2	3	1	1	1	-	-	2	-
	BID403	2	2	2	3	1	2	1	1	-	-	-	-	2	-	3	1	-	-	2	-
IV	BID404	3	1	2	3	1	2	1	1	-	1	2	2	2	-	1	1	-	-	2	-
	BID405	3	1	1	1	1	1	-	3	3	3	2	2	1	1	3	3	-	-	-	-
	BID406	3	3	3	3	3	2	3	2	3	3	2	3	-	-	1	3	-	-	2	-
	BID407	3	2	3	3	2	2	2	2	3	3	-	-	-	1	1	3	-	-	-	-
	BID501	3	3	3	3	2	2	2	3	3	3	1	2	3	1	3	1	-	-	2	-
	BID502	2	1	3	2	2	2	-	1	-	1	1	2	3	1	1	1	-	-	-	-
V	BID503	2	1	2	3	-	3	-	1	-	-	3	-	2	3	3	1	-	-	2	-
V	BID504	2	1	1	3	-	3	-	-	-	-	3	-	2	3	3	1	-	-	2	-
	BID505	1	1	ı	-	1	-	3	3	3	-	-	1	-	3	1	1	3	-	-	-
	BID506	3	3	3	3	2	2	3	3	2	3	3	3	3	1	3	3	-	-	2	-
	BID601	3	3	3	3	2	2	2	3	3	3	3	1	3	1	3	3	-	-	2	-
	BID602	1	-	3	3	2	2	2	3	3	-	2	1	-	-	3	3	3	-	-	-
	BID603	3	3	2	2	1	1	1	3	3	1	2	2	2	3	3	3	-	-	-	-
VI	BID604	3	2	3	3	2	2	2	3	3	3	2	3	3	-	3	3	-	-	2	-
	BID605	2	-	1	3	-	-	-	-	-	-	-	-	-	3	3	-	-	-	-	-
	BID606	3	2	3	3	1	2	2	3	3	-	3	-	-	-	3	2	-	-	-	-
	BID607	2	3	3	3	1	2	2	3	3	1	-	-	-	3	3	2	-	-	-	-
VII	BID701	3	3	3	3	2	3	-	3	2	1	-	3	3	3	3	ı	-	-	2	-
VIII	BID 801	3	3	3	3	2	2	2	3	3	1	3	2	3	3	3	3	-	-	2	-

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BID 802	-	-	-	-	1	1	-	1	-	-	-	-	3	3	2	3	3	3	-	3
BID 803	1	-	2	1	1	2	-	2	1	-	1	-	2	3	2	1	2	-	-	-
BID 804	3	1	2	2	2	1	-	2	2	1	-	2	-	-	-	1	-	-	-	-
BID 805	1	3	1	1	2	1	2	1	2	1	1	-	2	1	2	-	-	-	-	-

DEPARTMENT OF ARCHITECTURE & PLANNING

Course Handout

Course: Interior Design Studio - VI

Course Code: BID 601, Crédits: 06, Session: 2021-22 (Even Sem.), Class: BID 3rd Year

Faculty Name: Ar. Manish Kumar Chitranshi

A. Introduction: The formal lecture material and also provide the student with case study, presentations & hands on skills. Participants are encouraged to engage in active interaction through classroom participation.

B. Course Outcomes: At the end of the course, students will be able to:

CO1: This unit focuses and function 3-D and spatial design of Hotels/ Resorts.

CO2: This unit addresses the technical and practical issues encountered while designing while designing most functional Hotels/ Resorts.

CO3: Pre-requisites: The students must possess fair understanding of basic design principles, design procedures and techniques of interior design.

C. Programme Outcomes:

- **PO1. Design Knowledge:** Incorporate a global perspective when making design decisions, based on sustainable, socio-economic, and cultural contexts.
- **PO2. Problem Analysis:** Apply theories of human behaviour to human-centered design solutions.
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- **PSO2.** Demonstrate preparation for global design practice by incorporating cultural norms of user populations and applying that knowledge to design solutions that support globally diverse end users.
- **PSO3.** Demonstrate effective visual, verbal, and written communication.
- **PSO4.** Apply ethical and professional practices.

PSO5. Demonstrate social responsibility by designing sustainable interior environments that support indoor environmental quality and improve the quality of life for occupants.

PSO6. Engage in integrative professional design practice by contributing interior architecture and design expertise to collaborative design teams.

Assessment Plan:

Component	Description	Code	Weightage
of Evaluation			%
Continuous Internal	Mid Term	СТ	10%
Evaluation	Seminar/Quiz/ Assignment	S/Q/A	15%
Attendance	A minimum of 75% Attendance is required to be maintained by a studentto be qualified for taking up the End Semester examination. The allowance of 25% includes all types of leaves including medical leaves.	A	5%
End Semester Examination	End Semester (Viva-Voce)	VV	70%
Total	,		100%

E. Syllabus

Module I: Introduction - Hotels/Resorts Design

Descriptors/Topics

Study and research of all interior elements i.e., furniture, false ceiling, materials, finishes, lighting and other equipments required in an hotel interior and making a presentation of the same. Study of different functional and supporting spaces in the functioning of a hotel like Kitchen, restaurants, clubs, recreational spaces, different types of rooms etc.

Module II: Requirements

Descriptors/Topics

Identifying the needs of the user and understanding the requirements needed for the proper functioning of the Hotels/ Resorts.

Module III: Concepts

Descriptors/Topics

Developing of concepts for an Hotels/ Resorts interior space, making technical drawings of the design given, Study the materials used in the interior spaces of the building.

Module IV: Presentation

Descriptors/Topics

Final presentation of the work done.

Examination Scheme:

Components	Attendance	Mid-Term	Assignment	VV
Weightage (%)	5	10	15	70

CT: Class Test, A: Assignment, S/V/Q: Seminar/Viva/Quiz, EE: End Semester Examination; A: Attendance

F. Suggested Text/Reference Books:

Text Reading:

- Drawing a Creative Process, Francis D.K. Ching
- Design Drawing + CD, Francis D.K. Ching
- Architecture Graphics, Francis D.K. Ching 4th Edition
- Interior design & space planning, Dechiara Pabero Zelnik
- Interior design illustrated, Francis D.K. Ching
- Graphic Interiors, (Space Designed by Graphic Artists), Corina Dean
- Home Plumbing (The David & Charles Manual of), Ernest Hall
- House Book (The Complete Guide to Home Design), Terence Conran
- Illustration + Perspectives (In Pantone Colors)
- Interior Style & Design (Frank Lloyd Wright) Doreem Ehrlich, Eiji Mitooka

References:

- Architectural Graphic standards editor, Boaz Joseph
- Neufert's Architect's data
- Time Saver standards for building types, Editor Joseph D.C. and John Callender.
- Kitchen & Bath, Montse Zapata
- Bed room, Lestey Taylor
- The Curtain Book, Mitchll Beazlty
- Interior Design Visual, Maureen Mitton 2nd Edition
- 100 Bright Ideas For color, Sue Rose
- Window Fashion, Charles T. Randall

Lecture Plan

Lecture	Topics	Mode	Correspon	Mode of
		of	ding CO	Assessing
		Delivery		со
1.	Study and research of all interior elements i.e., furniture, false ceiling, materials, finishes, lighting and other equipments required in an hotel interior and making a presentation of the same.	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
2.	Study and research of all interior elements i.e., furniture, false ceiling, materials, finishes, lighting and other equipments required in an hotel interior and making a presentation of the same.	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
3.	Study and research of all interior elements i.e., furniture, false ceiling, materials, finishes, lighting and other equipments required in an hotel interior and making a presentation of the same.	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
4.	Study and research of all interior elements i.e., furniture, false ceiling, materials, finishes, lighting and other equipments required in an hotel interior and making a presentation of the same.	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
5.	Study and research of all interior elements i.e., furniture, false ceiling, materials, finishes, lighting and other equipments required in an hotel interior and making a presentation of the same.	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
6.	Study and research of all interior elements i.e.,	Lecture	CO1	Mid Term- 1, Quiz &

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12.	Study and research of all	Lecture	CO1	Mid Term-
	interior elements i.e.,			1, Quiz &
	furniture, false ceiling,			End Sem
	materials, finishes, lighting			Exam
	and other equipments			
	required in an hotel			
	interior and making a			
	presentation of the same.			
13.	Study and research of all	Lecture	CO1	Mid Term-
	interior elements i.e.,			1, Quiz &
	furniture, false ceiling,			End Sem
	materials, finishes, lighting			Exam
	and other equipments			
	required in an hotel			
	interior and making a			
	presentation of the same.			
14.	Study and research of all	Lecture	CO1	Mid Term-
	interior elements i.e.,			1, Quiz &
	furniture, false ceiling,			End Sem
	materials, finishes, lighting			Exam
	and other equipments			
	required in an hotel			
	interior and making a			
	presentation of the same.			
15.	Study and research of all	Lecture	CO1	Mid Term-
	interior elements i.e.,			1, Quiz &
	furniture, false ceiling,			End Sem
	materials, finishes, lighting			Exam
	and other equipments			
	required in an hotel			
	interior and making a			
	presentation of the same.			
16.	Study and research of all	Lecture	CO1	Mid Term-
	interior elements i.e.,			1, Quiz &
	furniture, false ceiling,			End Sem
	materials, finishes, lighting			Exam
	and other equipments			-
	required in an hotel			
	interior and making a			
	presentation of the same.			
17.	Study and research of all	Lecture	CO1	Mid Term-
	interior elements i.e.,			1, Quiz &
	furniture, false ceiling,			End Sem
	materials, finishes, lighting			Exam
	and other equipments			2.0111
	required in an hotel			
	required in an moter			

	interior and making a			
	presentation of the same.			
18.	Study and research of all interior elements i.e., furniture, false ceiling, materials, finishes, lighting and other equipments required in an hotel interior and making a presentation of the same.	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
19.	Study of different functional and supporting spaces in the functioning of a hotel like Kitchen, restaurants, clubs, recreational spaces, different types of rooms etc.	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
20.	Study of different functional and supporting spaces in the functioning of a hotel like Kitchen, restaurants, clubs, recreational spaces, different types of rooms etc.	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
21.	Study of different functional and supporting spaces in the functioning of a hotel like Kitchen, restaurants, clubs, recreational spaces, different types of rooms etc.	Lecture	CO1	Mid Term- 2, Quiz & End Sem Exam
22.	Study of different functional and supporting spaces in the functioning of a hotel like Kitchen, restaurants, clubs, recreational spaces, different types of rooms etc.	Lecture	CO1	Mid Term- 2, Quiz & End Sem Exam
23.	Study of different functional and supporting spaces in the functioning of a hotel like Kitchen,	Lecture	CO1	Mid Term- 2, Quiz & End Sem Exam

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	restaurants, clubs, recreational spaces, different types of rooms etc.			
24.	Study of different functional and supporting spaces in the functioning of a hotel like Kitchen, restaurants, clubs, recreational spaces, different types of rooms etc.	Lecture	CO1	Mid Term- 2, Quiz & End Sem Exam
25.	Study of different functional and supporting spaces in the functioning of a hotel like Kitchen, restaurants, clubs, recreational spaces, different types of rooms etc.	Lecture	CO1	Mid Term- 2, Quiz & End Sem Exam
26.	Study of different functional and supporting spaces in the functioning of a hotel like Kitchen, restaurants, clubs, recreational spaces, different types of rooms etc.	Lecture	CO1	Mid Term- 2, Quiz & End Sem Exam
27.	Study of different functional and supporting spaces in the functioning of a hotel like Kitchen, restaurants, clubs, recreational spaces, different types of rooms etc.	Lecture	CO1	Mid Term- 2, Quiz & End Sem Exam
28.	Study of different functional and supporting spaces in the functioning of a hotel like Kitchen, restaurants, clubs, recreational spaces, different types of rooms etc.	Lecture	CO1	Mid Term- 2, Quiz & End Sem Exam
29.	Study of different functional and supporting	Lecture	CO1	Mid Term- 2, Quiz &

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	spaces in the functioning of a hotel like Kitchen, restaurants, clubs, recreational spaces, different types of rooms etc.			End Sem Exam
30.	Study of different functional and supporting spaces in the functioning of a hotel like Kitchen, restaurants, clubs, recreational spaces, different types of rooms etc.	Lecture	CO1	Mid Term- 2, Quiz & End Sem Exam
31.	Study of different functional and supporting spaces in the functioning of a hotel like Kitchen, restaurants, clubs, recreational spaces, different types of rooms etc.	Lecture	CO2	Mid Term- 2, Quiz & End Sem Exam
32.	Study of different functional and supporting spaces in the functioning of a hotel like Kitchen, restaurants, clubs, recreational spaces, different types of rooms etc.	Lecture	CO2	Mid Term- 2, Quiz & End Sem Exam
33.	Study of different functional and supporting spaces in the functioning of a hotel like Kitchen, restaurants, clubs, recreational spaces, different types of rooms etc.	Lecture	CO2	Mid Term- 2, Quiz & End Sem Exam
34.	Study of different functional and supporting spaces in the functioning of a hotel like Kitchen, restaurants, clubs, recreational spaces, different types of rooms etc.	Lecture	CO2	Mid Term- 2, Quiz & End Sem Exam

35.	Study of different	Lecture	CO2	Mid Term-
35.	•	Lecture	CO2	
	functional and supporting			2, Quiz &
	spaces in the functioning of			End Sem
	a hotel like Kitchen,			Exam
	restaurants, clubs,			
	recreational spaces,			
	different types of rooms			
	etc.			
36.	Study of different	Lecture	CO2	Mid Term-
	functional and supporting			2, Quiz &
	spaces in the functioning of			End Sem
	a hotel like Kitchen,			Exam
	restaurants, clubs,			
	recreational spaces,			
	different types of rooms			
	etc.			
37.	Identifying the needs of the	Lecture	CO2	Quiz &
	user and understanding the			End Sem
	requirements needed for			Exam
	the proper functioning of			
	the Hotels/ Resorts.			
38.	Identifying the needs of the	Lecture	CO2	Quiz &
	user and understanding the			End Sem
	requirements needed for			Exam
	the proper functioning of			
	the Hotels/ Resorts.			
39.	Identifying the needs of the	Lecture	CO2	Quiz &
	user and understanding the			End Sem
	requirements needed for			Exam
	the proper functioning of			
	the Hotels/ Resorts.			
40.	Identifying the needs of the	Lecture	CO2	Quiz &
	user and understanding the			End Sem
	requirements needed for			Exam
	the proper functioning of			
	the Hotels/ Resorts.			
41.	Identifying the needs of the	Lecture	CO2	Quiz &
	user and understanding the			End Sem
	requirements needed for			Exam
	the proper functioning of			
	the Hotels/ Resorts.			
42.	Identifying the needs of the	Lecture	CO2	Quiz &
	user and understanding the			End Sem
	requirements needed for			Exam
	the proper functioning of			
	the Hotels/ Resorts.	<u> </u>		
	the Hotels/ Resorts.			

43.	Identifying the needs of the user and understanding the requirements needed for the proper functioning of the Hotels/ Resorts.	Lecture	CO2	Quiz & End Sem Exam
44.	Identifying the needs of the user and understanding the requirements needed for the proper functioning of the Hotels/ Resorts.	Lecture	CO2	Quiz & End Sem Exam
45.	Identifying the needs of the user and understanding the requirements needed for the proper functioning of the Hotels/ Resorts.	Lecture	CO2	Quiz & End Sem Exam
46.	Identifying the needs of the user and understanding the requirements needed for the proper functioning of the Hotels/ Resorts.	Lecture	CO2	Quiz & End Sem Exam
47.	Identifying the needs of the user and understanding the requirements needed for the proper functioning of the Hotels/ Resorts.	Lecture	CO2	Quiz & End Sem Exam
48.	Identifying the needs of the user and understanding the requirements needed for the proper functioning of the Hotels/ Resorts.	Lecture	CO2	Quiz & End Sem Exam
49.	Identifying the needs of the user and understanding the requirements needed for the proper functioning of the Hotels/ Resorts.	Lecture	CO2	Quiz & End Sem Exam
50.	Identifying the needs of the user and understanding the requirements needed for the proper functioning of the Hotels/ Resorts.	Lecture	CO2	Quiz & End Sem Exam
51.	Identifying the needs of the user and understanding the requirements needed for the proper functioning of the Hotels/ Resorts.	Lecture	CO2	Quiz & End Sem Exam

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52.	Identifying the needs of the user and understanding the requirements needed for the proper functioning of the Hotels/ Resorts.	Lecture	CO2	Quiz & End Sem Exam
53.	Identifying the needs of the user and understanding the requirements needed for the proper functioning of the Hotels/ Resorts.	Lecture	CO2	Quiz & End Sem Exam
54.	Identifying the needs of the user and understanding the requirements needed for the proper functioning of the Hotels/ Resorts.	Lecture	CO2	Quiz & End Sem Exam
55.	Developing of concepts for an Hotels/ Resorts interior space, making technical drawings of the design given, Study the materials used in the interior spaces of the building.	Lecture	CO2	Quiz & End Sem Exam
56.	Developing of concepts for an Hotels/ Resorts interior space, making technical drawings of the design given, Study the materials used in the interior spaces of the building.	Lecture	CO2	Quiz & End Sem Exam
57.	Developing of concepts for an Hotels/ Resorts interior space, making technical drawings of the design given, Study the materials used in the interior spaces of the building.	Lecture	CO2	Quiz & End Sem Exam
58.	Developing of concepts for an Hotels/ Resorts interior space, making technical drawings of the design given, Study the materials used in the interior spaces of the building.	Lecture	CO2	Quiz & End Sem Exam
59.	Developing of concepts for an Hotels/ Resorts interior space, making technical drawings of the design given, Study the materials used in the interior spaces of the building.	Lecture	CO2	Quiz & End Sem Exam

60.	Developing of concepts for an Hotels/ Resorts interior space, making technical drawings of the design given, Study the materials used in the interior spaces of the building.	Lecture	CO2	Quiz & End Sem Exam
61.	Developing of concepts for an Hotels/ Resorts interior space, making technical drawings of the design given, Study the materials used in the interior spaces of the building.	Lecture	CO3	Quiz & End Sem Exam
62.	Developing of concepts for an Hotels/ Resorts interior space, making technical drawings of the design given, Study the materials used in the interior spaces of the building.	Lecture	CO3	Quiz & End Sem Exam
63.	Developing of concepts for an Hotels/ Resorts interior space, making technical drawings of the design given, Study the materials used in the interior spaces of the building.	Lecture	CO3	Quiz & End Sem Exam
64.	Developing of concepts for an Hotels/ Resorts interior space, making technical drawings of the design given, Study the materials used in the interior spaces of the building.	Lecture	CO3	Quiz & End Sem Exam
65.	Developing of concepts for an Hotels/ Resorts interior space, making technical drawings of the design given, Study the materials used in the interior spaces of the building.	Lecture	CO3	Quiz & End Sem Exam
66.	Developing of concepts for an Hotels/ Resorts interior space, making technical drawings of the design given, Study the materials used in the interior spaces of the building.	Lecture	CO3	Quiz & End Sem Exam

67.	Developing of concepts for an Hotels/ Resorts interior space,	Lecture	CO3	Quiz & End Sem
	making technical drawings of the design given, Study the materials used in the interior spaces of the building.			Exam
68.	Developing of concepts for an Hotels/ Resorts interior space, making technical drawings of the design given, Study the materials used in the interior spaces of the building.	Lecture	CO3	Quiz & End Sem Exam
69.	Developing of concepts for an Hotels/ Resorts interior space, making technical drawings of the design given, Study the materials used in the interior spaces of the building.	Lecture	CO3	Quiz & End Sem Exam
70.	Developing of concepts for an Hotels/ Resorts interior space, making technical drawings of the design given, Study the materials used in the interior spaces of the building.	Lecture	CO3	Quiz & End Sem Exam
71.	Developing of concepts for an Hotels/ Resorts interior space, making technical drawings of the design given, Study the materials used in the interior spaces of the building.	Lecture	CO3	Quiz & End Sem Exam
72.	Developing of concepts for an Hotels/ Resorts interior space, making technical drawings of the design given, Study the materials used in the interior spaces of the building.	Lecture	CO3	Quiz & End Sem Exam
73.	Final presentation of the work done.	Lecture	CO3	Quiz & End Sem Exam
74.	Final presentation of the work done.	Lecture	CO3	Quiz & End Sem Exam
75.	Final presentation of the work done.	Lecture	CO3	Quiz & End Sem Exam

76.	Final presentation of the work	Lecture	CO3	Quiz & End Sem
	done.			Exam
77.	Final presentation of the work	Lecture	CO3	Quiz &
,,,	done.	Lecture		End Sem
	done.			Exam
78.	Final presentation of the work	Lecture	CO3	Quiz &
7.5.	done.	2000.0		End Sem
	done.			Exam
79.	Final presentation of the work	Lecture	CO3	Quiz &
	done.			End Sem
				Exam
80.	Final presentation of the work	Lecture	CO3	Quiz &
	done.			End Sem
				Exam
81.	Final presentation of the work	Lecture	CO3	Quiz &
	done.			End Sem
				Exam
82.	Final presentation of the work	Lecture	CO3	Quiz &
	done.			End Sem
				Exam
83.	Final presentation of the work	Lecture	CO3	Quiz &
	done.			End Sem
				Exam
84.	Final presentation of the work	Lecture	CO3	Quiz &
	done.			End Sem
		_		Exam
85.	Final presentation of the work	Lecture	CO3	Quiz &
	done.			End Sem
0.0		11	603	Exam
86.	Final presentation of the work	Lecture	CO3	Quiz &
	done.			End Sem
07		Lastina	CO3	Exam
87.	Final presentation of the work	Lecture	C03	Quiz & End Sem
	done.			Exam
88.	Final properties of the con-	Lecture	CO3	Quiz &
00.	Final presentation of the work	Lecture	103	End Sem
	done.			Exam
89.	Final presentation of the work	Lecture	CO3	Quiz &
05.	done.	Lectare		End Sem
	done.			Exam
90.	Final presentation of the work	Lecture	CO3	Quiz &
	done.			End Sem
	done.			Exam
		1		

G. Course Articulation Matrix (Mapping of COs with POs)

СО	STATEMENT		CORRELATION WITH PROGRAMME OUTCOMES							CORRELATION WITH PROGRAMME SPECIFIC OUTCOMES								
		P O 1	P O 2	P O 3	P O 4	P O 5	P O 6	P O 7	P O 8	P O 9	P O 1	P O 1	P O 1	PS O1	PS O2	PS O3	PS 04	PS 05
CO 01	This unit focuses and function 3-D and spatial design of Hotels/ Resorts																	
CO 02	This unit addresses the technical and practical issues encountered while designing while designing most functional Hotels/Resorts.																	
CO 03	Pre-requisites: The students must possess fair understanding of basic design principles design procedures and techniques of interior design.																	

Sample Question Paper

Amity School of Architecture & Planning I MID-SEMESTER (SEM –VI) 2021-22								
	Class: BID VI Semester							
	Subject Name: BID 601 Time: 2 Hrs Max. Marks: 10 Interior Design Studio –VI)	
Levels of the questions as per Blooms Remembering Understanding Applying Analyzing Evaluating							Creating	

Taxonomy					
Question Mapping	Q.1,4	Q.2,3	Q.4	Q.2,5,6	

Student will be able to

CO1: List the broad perceptive of cloud architecture and model.

CO2: Apply different cloud programming models as per need.

CO Map	Question No.	Question	Marks
CO1	Q.1	Explain in brief the cloud computing concept.	3
CO1	Q.2a	What are the essential characteristics of cloud computing?	3
	Q.2b	How is cloud computing requirements and cloud servicerequirement services related to each other?	3
CO1	Q.3	Sketch NIST Cloud Computing Reference Architecture and depictits elements	6
CO2	Q.4	Explain the significance of Cloud Reference Model	3
CO2	Q.5a	Elaborate different cloud types with example.	3
CO2	Q.5b	Write characteristics of private cloud.	3
CO2	Q6	How virtualization is applied in cloud computing scenario?	6

Attainments		Rubric
Level	1	IF 60% of students secure more than 60% marks then level 1
Level	2	IF 70% of students secure more than 60% marks then level 2
Level	3	IF 80% of students secure more than 60% marks then level 3

Course outcome: Based on internal and external assessment the level of Course outcome attainment of the course BID/Course code BID 601 is level 2 for the academic year 2021-2022.



AMITY UNIVERSITY MADHYA PRADESH, GWALIOR AMITY SCHOOL OF ARCHITECTURE AND PLANNING DEPARTMENT OF ARCHITECTURE AND PLANNING

PROGRAMME OUTCOMES AND PROGRAMME SPECIFIC OUTCOMES Bachelor of Interior Design (BID), Academic Year – 2021-22

Program Outcomes:

- **PO1. Design Knowledge:** Incorporate a global perspective when making design decisions, based on sustainable, socio-economic, and cultural contexts.
- PO2. Problem Analysis: Apply theories of human behaviour to human-centered design solutions.
- **PO3.** Design/Development of Solutions: Apply the design process to generate creative solutions to complex problems optimizing the human experience within the interior environment. Apply theory, psychology, and methodology of color to designs of the interior environment.
- **PO4. Individual and Team Work:** Collaborate in multi-disciplinary teams respecting a variety of points of view and perspectives that enrich the process and product of the team.
- **PO5. Communication:** Communicate complex ideas clearly to specialists and non-specialists through appropriate oral, written, and representational media.
- **PO6. Life Long Learning:** Exemplify accepted standards of professionalism and business practice including a commitment to engage in lifelong learning.
- **PO7. Context and Society:** Analyze interiors, architecture, the decorative arts, and art within a historical and cultural context to inform contemporary design solutions that relate with the society for whom the design solution is to be provided.
- **PO8. Synthesis of Concepts:** Synthesize theories and concepts of spatial definition and organization into multi-dimensional design solutions.
- **PO9. Modern Technique usage:** Specify furniture, fixtures, and equipment's of finish materials to meet the design criteria for a variety of interior spaces.
- **PO10.** Environment and Sustainability: Apply principles of lighting, acoustics, thermal comfort, and indoor air quality as required to enhance the health, safety, welfare, and performance of building occupants for overall sustainable development of the individuals.
- PO11. Ethics: Comply with laws, codes, and standards that impact fire safety and life safety.

PO12. Project/Construction Management: Produce construction drawings and documents using industry standards for a variety of interior spaces. Employ environment-behaviour research methodologies to address open-ended problems in interior design.

Program Specific Outcome:

As part of the school's charter and mission, Amity School of Architecture and Planning is providing a vibrant planning environment, ensuring its under-graduates are not only valued by the planning practice, but are also able to:

PSO1. Demonstrate critical thinking as they identify, analyze, and solve interior architecture and design problems through completion of interior design studio projects. Apply creative and critical thinking to solve interior environment problems from a human-cantered approach and apply this knowledge to design solutions.

PSO2. Demonstrate preparation for global design practice by incorporating cultural norms of user populations and applying that knowledge to design solutions that support globally diverse end users.

PSO3. Demonstrate effective visual, verbal, and written communication.

PSO4. Apply ethical and professional practices.

PSO5. Demonstrate social responsibility by designing sustainable interior environments that support indoor environmental quality and improve the quality of life for occupants.

PSO6. Engage in integrative professional design practice by contributing interior architecture and design expertise to collaborative design teams.

Note: - Correlation levels 1, 2 and 3 as defined below:

1: Slight (Low), 2: Moderate (Medium) and 3: Substantial (High)

If there is no correlation, put "-"

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SEM	SUBJECT CODE	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12	PO 13	PO 14	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5	PSO 6
	BID101	3	3	3	3	2	1	2	3	3	1	1	3	3	1	3	3	-	-	2	-
	BID102	2	2	3	2	2	1	-		1	2	2	2	-	1	1	3	-	-	-	-
	BID103	2	2	1	-	3	1	2	3	3	2	1	1	2	2	3	3	1	-	-	-
- 1	BID104	1	1	1	2	-	-	-	2	-	-	-	2	-	-	1	1	-	-	-	-
	BID105	3	2	3	2	1	1	2	3	1	2	-	3	-	1	3	3	-	-	2	-
	BID106	-	1	-	-	-	-	3	2	-	-	-	-	-	1	1	1	-	-	-	-
	BID107	3	2	3	3	1	1	3	-	3	3	-	3	2	3	3	3	3	-	-	-
	BID201	3	2	3	3	2	2	2	3	3	1	1	3	3	1	3	3	-	-	2	-
	BID202	3	-	3	2	2	2	-	1	1	1	3	3	2	1	1	2	-	-	-	-
	BID203	2	2	1	1	3	2	2	3	3	2	1	2	2	1	3	3	1	-	2	-
П	BID204	1	3	1	-	-	-	-	1	1	-	-	2	-	1	1	1	-	-	-	-
	BID205	1	-	3	3	1	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-
	BID206	1	1	-	-	-	-	3	3	3	-	-	-	-	-	1	3	-	-	-	-
	BID207	3	-	1	3	1	1	-	1	3	3	3	3	3	3	3	3	3	-	-	-
	BID301	3	3	3	3	2	2	2	3	3	1	1	2	3	1	3	3	-	-	2	-
	BID302	2	-	3	2	2	2	-	1	1	1	2	2	2	1	1	1	-	-	-	-
	BID303	2	2	2	2	-	3	2	-	1	-	-	-	2	-	1	1	-	-	-	-
Ш	BID304	3	3	-	-	3	-	-	3	3	-	-	-	-	-	1	1	-	-	-	-
	BID305	1	-	3	3	1	2	-	-	-	-	-	-	-	-	1	-	-	-	-	-
	BID306	1	1	-	-	2	-	3	3	3	-	-	-	-	-	-	-	-	-	-	-
	BID307	1	3	1	-	3	-	-	3	3	-	-	-	-	3	-	-	-	-	2	-
	BID401	3	3	3	3	2	2	2	3	3	2	1	2	3	1	3	3	-	-	2	-
	BID402	2	1	3	2	2	2	-	1	-	2	1	2	3	1	1	1	-	-	2	-
	BID403	2	2	2	3	1	2	1	1	-	-	-	-	2	-	3	1	-	-	2	-
IV	BID404	3	-	2	3	1	2	1	1	-	1	2	2	2	-	1	1	-	-	2	-
	BID405	3	1	1	1	1	1	-	3	3	3	2	2	1	1	3	3	-	-	-	-
	BID406	3	3	3	3	3	2	3	2	3	3	2	3	-	-	1	3	-	-	2	-
	BID407	3	2	3	3	2	2	2	2	3	3	-	-	-	1	1	3	-	-	-	-
	BID501	3	3	3	3	2	2	2	3	3	3	1	2	3	1	3	1	-	-	2	-
	BID502	2	1	3	2	2	2	1	1	-	1	1	2	3	1	1	1	-	-	-	-
V	BID503	2	1	2	3	-	3	1	1	-	-	3	-	2	3	3	1	-	-	2	-
V	BID504	2	1	1	3	-	3	-	-	-	-	3	-	2	3	3	1	-	-	2	-
	BID505	1	1	-	-	1	-	3	3	3	-	-	1	-	3	1	1	3	-	-	-
	BID506	3	3	3	3	2	2	3	3	2	3	3	3	3	1	3	3	-	-	2	-
	BID601	3	3	3	3	2	2	2	3	3	3	3	1	3	1	3	3	-	-	2	-
	BID602	1	-	3	3	2	2	2	3	3	-	2	1	-	-	3	3	3	-	-	-
	BID603	3	3	2	2	1	1	1	3	3	1	2	2	2	3	3	3	-	-	-	-
VI	BID604	3	2	3	3	2	2	2	3	3	3	2	3	3	-	3	3	-	-	2	-
	BID605	2	-	1	3	-	-	-	-	-	-	-	-	-	3	3	-	-	-	-	-
	BID606	3	2	3	3	1	2	2	3	3	-	3	-	-	-	3	2	-	-	-	-
	BID607	2	3	3	3	1	2	2	3	3	1	-	-	-	3	3	2	-	-	-	-
VII	BID701	3	3	3	3	2	3	1	3	2	1	-	3	3	3	3	ı	-	-	2	-
VIII	BID 801	3	3	3	3	2	2	2	3	3	1	3	2	3	3	3	3	-	-	2	-

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BID 802	-	-	-	-	1	1	-	1	-	-	-	-	3	3	2	3	3	3	-	3
BID 803	1	-	2	1	1	2	-	2	1	-	1	-	2	3	2	1	2	-	-	-
BID 804	3	1	2	2	2	1	-	2	2	1	-	2	-	-	-	1	-	-	-	-
BID 805	1	3	1	1	2	1	2	1	2	1	1	-	2	1	2	-	-	-	-	-

DEPARTMENT OF ARCHITECTURE & PLANNING

Course Handout

Course: Dissertation

Course Code: BID 602, Crédits: 02, Session: 2021-22 (Even Sem.), Class: BID 3rd Year

Faculty Name: Ar. Manish Kumar Chitranshi

- A. Introduction: Having successfully completed this module you will be able to:
 - Identify key research questions within the field of Demography on which you will carry out independent research
 - Demonstrate knowledge and understanding of report writing.
 - Use and develop written and oral presentation skills. Analyse and synthesise research findings

Course Outcomes: Having successfully completed this module you will be able to:

CO1: Identify key research questions within the field of Demography on which you will carry out independent research.

CO2: Manage your time effectively whilst working on your independent research.

CO3: Demonstrate knowledge and understanding of report writing.

CO4: Use and develop written and oral presentation skills.

Analyse and synthesise research findings.

B. Programme Outcomes:

- **PO1. Design Knowledge:** Incorporate a global perspective when making design decisions, based on sustainable, socio-economic, and cultural contexts.
- **PO2. Problem Analysis:** Apply theories of human behaviour to human-centered design solutions.
- **PO3. Design/Development of Solutions:** Apply the design process to generate creative solutions to complex problems optimizing the human experience within the interior environment. Apply theory, psychology, and methodology of color

- to designs of the interior environment.
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As part of the school's charter and mission, Amity School of Architecture and Planning is providing a vibrant planning environment, ensuring its undergraduates are not only valued by the planning practice, but are also able to:

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- **PSO2.** Demonstrate preparation for global design practice by incorporating cultural norms of user populations and applying that knowledge to design

solutions that support globally diverse end users.

PSO3. Demonstrate effective visual, verbal, and written communication.

PSO4. Apply ethical and professional practices.

PSO5. Demonstrate social responsibility by designing sustainable interior environments that support indoor environmental quality and improve the quality of life for occupants.

PSO6. Engage in integrative professional design practice by contributing interior architecture and design expertise to collaborative design teams.

Assessment Plan:

Component	Description	Code	Weightage
of Evaluation			%
Continuous Internal	Mid Term	СТ	10%
Evaluation	Seminar/Quiz/ Assignment	S/Q/A	15%
Attendance	A minimum of 75% Attendance is required to be maintained by a studentto be qualified for taking up the End Semester examination. The allowance of 25% includes all types of leaves including medical leaves.	A	5%
End Semester	End Semester	VV	70%
Examination Total	(Viva-Voce)		100%

D. Syllabus

Module I: Design Dissertation

Descriptors/Topics

Research focus - Domain research will prepare the base work for the thesis in the final semester. Introduction to the Interior design dissertation that shall be in form of a study report for the project undertaken by the students on a theme and topic

Module II: Analysis

Descriptors/Topics

Research analysis and data collection, Justification to topic selected

Module III: Methodology

Descriptors/Topics

Base work will involve the scope of the study, literature survey for identified parameters, methodology, data collection, secondary case studies, analysis, interpretation, primary guidelines

Module IV: Designing

Descriptors/Topics

Identification of and preparation for case studies and site, and a checklist for the case and site studies.

Examination Scheme:

Components	Attendance	Mid-Term	Assignment	VV
Weightage (%)	5	10	15	70

CT: Class Test, A: Assignment, S/V/Q: Seminar/Viva/Quiz, EE: End Semester Examination; A: Attendance

E. Suggested Text/Reference Books:

Text Reading:

- A Visual Dictionary of Architecture, Francis D.K. Ching
- Creative Interiors (Design of Enclosed Space), Shashi Jain
- Commercial Interior Perspectives, Graphic Sha (Editor)
- Design with Wood, Carol Soucek King
- Drywall (Pro Tips for Hanging & Finishing), John D. Wagner
- Graphic Interiors (Space Designed by Graphic Artists), Corina Dean
- Interior design illustrated, Francis D.K. Ching
- Graphic Interiors (Space Designed by Graphic Artists), Corina Dean
- Home Plumbing (The David & Charles Manual of), Ernest Hall
- House Book (The Complete Guide to Home Design), Terence Conran
- Illustration + Perspectives (In Pantone Colors), Eiji Mitooka
- Elements of Architecture, Meiss Pieree Von
- Architecture: Form, Space and Order, Francis D.K. Ching

References:

• A.J. Metric Handbook, Jan Bilwa and Leslie Fair weather

- Architectural Graphic standards, Boaz Joseph
- The Curtain Book, Mitchll Beazlty
- Interior Design Visual, Maureen Mitton 2nd Edition
- 100 Bright Ideas For color, Sue Rose
- Window Fashion, Charles T. Randall
- Illustration + Perspectives (In Pantone Colors), Eiji Mitooka
- Elements of Architecture, Meiss Pieree Von
- Architecture: Form, Space and Order, Francis D.K. Ching

Lecture Plan

Lecture	Topics	Mode of Delivery	Correspon ding CO	Mode of Assessing CO
1.	Research focus - Domain research will prepare the base work for the thesis in the final semester.	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
2.	Research focus - Domain research will prepare the base work for the thesis in the final semester.	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
3.	Research focus - Domain research will prepare the base work for the thesis in the final semester.	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
4.	Research focus - Domain research will prepare the base work for the thesis in the final semester.	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
5.	Research focus - Domain research will prepare the base work for the thesis in the final semester.	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
6.	Research focus - Domain research will prepare the base work for the thesis in the final semester.	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
7.	Introduction to the Interior design dissertation that shall be in form of a study report for the project undertaken by the students on a theme and topic.	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
8.	Introduction to the Interior design dissertation that	Lecture	CO1	Mid Term- 1, Quiz &

	shall be in form of a study			End Sem
	report for the project			Exam
	undertaken by the students			LAGIII
	on a theme and topic.			
9.	Introduction to the Interior	Lecture	CO1	Mid Term-
9.	design dissertation that	Lecture	CO1	1, Quiz &
	shall be in form of a study			End Sem
	report for the project			Exam
	undertaken by the students			LXdIII
10.	on a theme and topic. Introduction to the Interior	Lecture	CO1	Mid Term-
10.		Lecture	CO1	
	design dissertation that			1, Quiz & End Sem
	shall be in form of a study			
	report for the project			Exam
	undertaken by the students			
11.	on a theme and topic. Introduction to the Interior	Loctura	CO2	Ouiz º
11.		Lecture	CO2	Quiz &
	design dissertation that			End Sem
	shall be in form of a study			Exam
	report for the project			
	undertaken by the students			
4.2	on a theme and topic.	11	602	0 : 0
12.	Introduction to the Interior	Lecture	CO2	Quiz &
	design dissertation that			End Sem
	shall be in form of a study			Exam
	report for the project			
	undertaken by the students			
4.2	on a theme and topic.	Lastina	602	Out- 0
13.	Research analysis and data	Lecture	CO2	Quiz &
	collection, Justification to			End Sem
4.4	topic selected.	11	602	Exam
14.	Research analysis and data	Lecture	CO2	Quiz &
	collection, Justification to			End Sem
4.5	topic selected.	1	603	Exam
15.	Research analysis and data	Lecture	CO2	Quiz &
	collection, Justification to			End Sem
	topic selected.	. .	000	Exam
16.	Research analysis and data	Lecture	CO2	Quiz &
	collection, Justification to			End Sem
4-	topic selected.	.	000	Exam
17.	Research analysis and data	Lecture	CO2	Quiz &
	collection, Justification to			End Sem
_	topic selected.			Exam
18.	Research analysis and data	Lecture	CO2	Quiz &
	collection, Justification to			End Sem
	topic selected.			Exam

_		1 .	1	
19.	Base work will involve the scope of the study, literature survey for identified parameters, methodology, data collection, secondary case studies, analysis, interpretation, primary guidelines.	Lecture	CO2	Quiz & End Sem Exam
20.	Base work will involve the scope of the study, literature survey for identified parameters, methodology, data collection, secondary case studies, analysis, interpretation, primary guidelines.	Lecture	CO2	Quiz & End Sem Exam
21.	Base work will involve the scope of the study, literature survey for identified parameters, methodology, data collection, secondary case studies, analysis, interpretation, primary guidelines.	Lecture	CO3	Quiz & End Sem Exam
22.	Base work will involve the scope of the study, literature survey for identified parameters, methodology, data collection, secondary case studies, analysis, interpretation, primary guidelines.	Lecture	CO3	Quiz & End Sem Exam
23.	Base work will involve the scope of the study, literature survey for identified parameters, methodology, data collection, secondary case studies, analysis, interpretation, primary guidelines.	Lecture	CO3	Quiz & End Sem Exam
24.	Base work will involve the	Lecture	CO3	Quiz &

	scope of the study, literature survey for identified parameters, methodology, data collection, secondary case studies, analysis, interpretation, primary guidelines.			End Sem Exam
25.	Identification of and preparation for case studies and site, and a checklist for the case and site studies.	Lecture	CO3	Quiz & End Sem Exam
26.	Identification of and preparation for case studies and site, and a checklist for the case and site studies.	Lecture	CO3	Quiz & End Sem Exam
27.	Identification of and preparation for case studies and site, and a checklist for the case and site studies.	Lecture	CO3	Quiz & End Sem Exam
28.	Identification of and preparation for case studies and site, and a checklist for the case and site studies.	Lecture	CO3	Quiz & End Sem Exam
29.	Identification of and preparation for case studies and site, and a checklist for the case and site studies.	Lecture	CO3	Quiz & End Sem Exam
30.	Identification of and preparation for case studies and site, and a checklist for the case and site studies.	Lecture	CO3	Quiz & End Sem Exam

F. Course Articulation Matrix (Mapping of COs with POs)

СО	STATEMENT	CORRELATION WITH PROGRAMME	CORRELATION WITH
		OUTCOMES	PROGRAMME
			SPECIFIC OUTCOMES

			_		_	_		_				_		D.C.	- DC	D.C.	D.C.	D.C.
		Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	PS	PS	PS	PS	PS
		0	0	0	0	0	0	0	0	0	0	0	0	01	02	03	04	05
		1	2	3	4	5	6	7	8	9	1	1	1					
											0	1	2					
CO 01	Identify key research questions within the field of Demography on which you will carry out independent research.																	
CO 02	Manage your time effectively whilst working on your independent research.																	
CO 03	Demonstrate knowledge and understanding of report writing.																	
CO 04	Use and develop written and oral presentation skills.																	

Sample Question Paper

Amity School of Architecture & Planning I MID-SEMESTER (SEM –VI) 2021-22										
Class: BID VI Semester										
Subject Name: BID Dissertation	602	Time: 2 Hrs		Max. Marks: 10						
Levels of the questions as per Blooms Taxonomy	Remembering	Understanding	Applying	Analyz	zing	Evaluating	Creating			
Question Mapping	Q.1,4	Q.2,3	Q.4	Q.2,5,	6					

Student will be able to

CO1: List the broad perceptive of cloud architecture and model.

|--|

CO Map	Question No.	Question	Marks
CO1	Q.1	Explain in brief the cloud computing concept.	3
CO1	Q.2a	What are the essential characteristics of cloud computing?	3
	Q.2b	How is cloud computing requirements and cloud servicerequirement services related to each other?	3
CO1	Q.3	Sketch NIST Cloud Computing Reference Architecture and depictits elements	6
CO2	Q.4	Explain the significance of Cloud Reference Model	3
CO2	Q.5a	Elaborate different cloud types with example.	3
CO2	Q.5b	Write characteristics of private cloud.	3
CO2	Q6	How virtualization is applied in cloud computing scenario?	6

Attainments		Rubric
Level	1	IF 60% of students secure more than 60% marks then level 1
Level	2	IF 70% of students secure more than 60% marks then level 2
Level	3	IF 80% of students secure more than 60% marks then level 3

Course outcome: Based on internal and external assessment the level of Course outcome attainment of the course BID/Course code BID 602 is level 2 for the academic year 2021-2022.

AMITY UNIVERSITY MADHYA PRADESH, GWALIOR AMITY SCHOOL OF ARCHITECTURE AND PLANNING DEPARTMENT OF ARCHITECTURE AND PLANNING

PROGRAMME OUTCOMES AND PROGRAMME SPECIFIC OUTCOMES Bachelor of Interior Design (BID), Academic Year – 2021-22

Program Outcomes:

- **PO1. Design Knowledge:** Incorporate a global perspective when making design decisions, based on sustainable, socio-economic, and cultural contexts.
- PO2. Problem Analysis: Apply theories of human behaviour to human-centered design solutions.
- **PO3.** Design/Development of Solutions: Apply the design process to generate creative solutions to complex problems optimizing the human experience within the interior environment. Apply theory, psychology, and methodology of color to designs of the interior environment.
- **PO4. Individual and Team Work:** Collaborate in multi-disciplinary teams respecting a variety of points of view and perspectives that enrich the process and product of the team.
- **PO5. Communication:** Communicate complex ideas clearly to specialists and non-specialists through appropriate oral, written, and representational media.
- **PO6. Life Long Learning:** Exemplify accepted standards of professionalism and business practice including a commitment to engage in lifelong learning.
- **PO7. Context and Society:** Analyze interiors, architecture, the decorative arts, and art within a historical and cultural context to inform contemporary design solutions that relate with the society for whom the design solution is to be provided.
- **PO8. Synthesis of Concepts:** Synthesize theories and concepts of spatial definition and organization into multi-dimensional design solutions.
- **PO9. Modern Technique usage:** Specify furniture, fixtures, and equipment's of finish materials to meet the design criteria for a variety of interior spaces.
- **PO10.** Environment and Sustainability: Apply principles of lighting, acoustics, thermal comfort, and indoor air quality as required to enhance the health, safety, welfare, and performance of building occupants for overall sustainable development of the individuals.
- PO11. Ethics: Comply with laws, codes, and standards that impact fire safety and life safety.

PO12. Project/Construction Management: Produce construction drawings and documents using industry standards for a variety of interior spaces. Employ environment-behaviour research methodologies to address open-ended problems in interior design.

Program Specific Outcome:

As part of the school's charter and mission, Amity School of Architecture and Planning is providing a vibrant planning environment, ensuring its under-graduates are not only valued by the planning practice, but are also able to:

PSO1. Demonstrate critical thinking as they identify, analyze, and solve interior architecture and design problems through completion of interior design studio projects. Apply creative and critical thinking to solve interior environment problems from a human-cantered approach and apply this knowledge to design solutions.

PSO2. Demonstrate preparation for global design practice by incorporating cultural norms of user populations and applying that knowledge to design solutions that support globally diverse end users.

PSO3. Demonstrate effective visual, verbal, and written communication.

PSO4. Apply ethical and professional practices.

PSO5. Demonstrate social responsibility by designing sustainable interior environments that support indoor environmental quality and improve the quality of life for occupants.

PSO6. Engage in integrative professional design practice by contributing interior architecture and design expertise to collaborative design teams.

Note: - Correlation levels 1, 2 and 3 as defined below:

1: Slight (Low), 2: Moderate (Medium) and 3: Substantial (High)

If there is no correlation, put "-"

PROGRAMME ARTICULATION MATRIX																					
SEM	SUBJECT CODE	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12	PO 13	PO 14	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5	PSO 6
	BID101	3	3	3	3	2	1	2	3	3	1	1	3	3	1	3	3	-	-	2	-
	BID102	2	2	3	2	2	1	-		1	2	2	2	-	1	1	3	-	-	-	-
	BID103	2	2	1	-	3	1	2	3	3	2	1	1	2	2	3	3	1	-	-	-
I	BID104	1	1	1	2	-	-	-	2	-	-	-	2	-	-	1	1	-	-	-	-
	BID105	3	2	3	2	1	1	2	3	1	2	-	3	-	1	3	3	-	-	2	-
	BID106	-	1	-	-	-	-	3	2	-	-	-	-	-	1	1	1	-	-	-	-
	BID107	3	2	3	3	1	1	3	-	3	3	-	3	2	3	3	3	3	-	-	-
	BID201	3	2	3	3	2	2	2	3	3	1	1	3	3	1	3	3	-	-	2	-
	BID202	3	1	3	2	2	2	-	1	1	1	3	3	2	1	1	2	-	-	-	-
	BID203	2	2	1	1	3	2	2	3	3	2	1	2	2	1	3	3	1	-	2	-
П	BID204	1	3	1	-	-	-	-	1	1	-	-	2	-	1	1	1	-	-	-	-
	BID205	-	1	3	3	1	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-
	BID206	-	1	-	-	-	-	3	3	3	-	-	-	-	-	1	3	-	-	-	-
	BID207	3	-	1	3	1	1	-	1	3	3	3	3	3	3	3	3	3	-	-	-
	BID301	3	3	3	3	2	2	2	3	3	1	1	2	3	1	3	3	-	-	2	-
	BID302	2	-	3	2	2	2	-	1	1	1	2	2	2	1	1	1	-	-	-	-
	BID303	2	2	2	2	-	3	2	-	1	-	-	-	2	-	1	1	-	-	-	-
Ш	BID304	3	3	-	-	3	-	-	3	3	-	-	-	-	-	1	1	-	-	-	-
	BID305	-	1	3	3	1	2	-	-	-	-	-	-	-	-	1	-	-	-	-	-
	BID306	-	1	-	-	2	-	3	3	3	-	-	-	-	-	-	-	-	-	-	-
	BID307	1	3	1	-	3	-	-	3	3	-	-	-	-	3	-	-	-	-	2	-
	BID401	3	3	3	3	2	2	2	3	3	2	1	2	3	1	3	3	-	-	2	-
	BID402	2	1	3	2	2	2	-	1	-	2	1	2	3	1	1	1	-	-	2	-
	BID403	2	2	2	3	1	2	1	1	-	-	-	-	2	-	3	1	-	-	2	-
IV	BID404	3	1	2	3	1	2	1	1	-	1	2	2	2	-	1	1	-	-	2	-
	BID405	3	1	1	1	1	1	-	3	3	3	2	2	1	1	3	3	-	-	-	-
	BID406	3	3	3	3	3	2	3	2	3	3	2	3	-	-	1	3	-	-	2	-
	BID407	3	2	3	3	2	2	2	2	3	3	-	-	-	1	1	3	-	-	-	-
	BID501	3	3	3	3	2	2	2	3	3	3	1	2	3	1	3	1	-	-	2	-
	BID502	2	1	3	2	2	2	-	1	-	1	1	2	3	1	1	1	-	-	-	-
V	BID503	2	1	2	3	-	3	-	1	-	-	3	-	2	3	3	1	-	-	2	-
V	BID504	2	1	1	3	-	3	-	-	-	-	3	-	2	3	3	1	-	-	2	-
	BID505	1	1	ı	-	1	-	3	3	3	-	-	1	-	3	1	1	3	-	-	-
	BID506	3	3	3	3	2	2	3	3	2	3	3	3	3	1	3	3	-	-	2	-
	BID601	3	3	3	3	2	2	2	3	3	3	3	1	3	1	3	3	-	-	2	-
	BID602	1	-	3	3	2	2	2	3	3	-	2	1	-	-	3	3	3	-	-	-
	BID603	3	3	2	2	1	1	1	3	3	1	2	2	2	3	3	3	-	-	-	-
VI	BID604	3	2	3	3	2	2	2	3	3	3	2	3	3	-	3	3	-	-	2	-
	BID605	2	-	1	3	-	-	-	-	-	-	-	-	-	3	3	-	-	-	-	-
	BID606	3	2	3	3	1	2	2	3	3	-	3	-	-	-	3	2	-	-	-	-
	BID607	2	3	3	3	1	2	2	3	3	1	-	-	-	3	3	2	-	-	-	-
VII	BID701	3	3	3	3	2	3	-	3	2	1	-	3	3	3	3	ı	-	-	2	-
VIII	BID 801	3	3	3	3	2	2	2	3	3	1	3	2	3	3	3	3	-	-	2	-

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BID 802	-	-	-	-	1	1	-	1	-	-	-	-	3	3	2	3	3	3	-	3
BID 803	1	-	2	1	1	2	-	2	1	-	1	-	2	3	2	1	2	-	-	-
BID 804	3	1	2	2	2	1	-	2	2	1	-	2	-	-	-	1	-	-	-	-
BID 805	1	3	1	1	2	1	2	1	2	1	1	-	2	1	2	-	-	-	-	-

DEPARTMENT OF ARCHITECTURE & PLANNING

Course Handout

Course: Adaptive reuse and Refurbishment

Course Code: BID 603, Crédits: 03, Session: 2021-22 (Even Sem.), Class: BID 3rd Year

Faculty Name: Ar. Manish Kumar Chitranshi

- **A.** Introduction: The course provides an understanding of the role reuse /redesign in Interior Spaces. Understanding of reuses things and materials to enhance sustainability in homes and workspaces.
- **B.** Course Outcomes: CO1: The course provides an understanding of the role of using existing resources and proposing a new solution.

C. Programme Outcomes:

- **PO1. Design Knowledge:** Incorporate a global perspective when making design decisions, based on sustainable, socio-economic, and cultural contexts.
- **PO2. Problem Analysis:** Apply theories of human behaviour to human-centered design solutions.
- **PO3. Design/Development of Solutions:** Apply the design process to generate creative solutions to complex problems optimizing the human experience within the interior environment. Apply theory, psychology, and methodology of color to designs of the interior environment.
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D. Programme Specific Outcomes:

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- **PSO2.** Demonstrate preparation for global design practice by incorporating cultural norms of user populations and applying that knowledge to design solutions that support globally diverse end users.
- **PSO3.** Demonstrate effective visual, verbal, and written communication.
- **PSO4.** Apply ethical and professional practices.
- **PSO5.** Demonstrate social responsibility by designing sustainable interior environments that support indoor environmental quality and improve the quality of life for occupants.

PSO6. Engage in integrative professional design practice by contributing interior architecture and design expertise to collaborative design teams.

Assessment Plan:

Component	Description	Code	Weightage
of Evaluation			%
Continuous Internal	Mid Term	СТ	10%
Evaluation	Seminar/Quiz/	S/Q/A	15%
	Assignment		
Attendance	A minimum of 75%	Α	5%
	Attendance is required to be		
	maintained by a studentto be		
	qualified for taking up the End		
	Semester examination. The		
	allowance of 25% includes all		
	types of leaves		
	including medical leaves.		
End Semester	End Semester	EE	70%
Examination	(END EXAM)		
Total			100%

E. Syllabus

Module I: UNDERSTANDING THE NEED OF REUSE

Descriptors/Topics

Condition mapping of existing interior, photographing the existing space or site. (a residential unit or a small shop with minimum area of 40 sqm)/need for reuse

Module II: Analysis

Descriptors/Topics

initial design concepts, layouts, and product or material solutions. Creative repair of existing interior design elements, new furniture layout according to required use.

Module III: SUSTAINABLE REUSE

Descriptors/Topics

Introducing the principles of sustainable reuse to the site /interior space selected

Module IV: Design development

Descriptors/Topics

Further development of floor plan, including presentation of specific interior finish material and fixture recommendations.

Examination Scheme:

Components	Attendance	Mid-Term	Assignment	EE
Weightage (%)	5	10	15	70

CT: Class Test, A: Assignment, S/V/Q: Seminar/Viva/Quiz, EE: End Semester Examination; A: Attendance

F. Suggested Text/Reference Books:

Text Reading:

- Indian handicrafts, Ministry of information broadcasting ,Govt.of India,1972.
- Laura Slack, What is product Design? Roto Vision publishers, 2006
- Treena Crochet and David Vleck, Designer"s ,Guide to Decorative Accessories,:Prentice Hall, Ist edition, 2008. Components Mid-Term Assignment Attendance End Term (EE) Weightage (%) 10 15 5 70
- Michael Ashby, Kara Johnson, Materials and Design: The Art and Science of material selection in product design, Butter Worth Heinemann, 1st edition, 2002.
- International Design Yearbook, 1995: Furniture, Lighting, Tableware, Textiles and Products, Books Nippan, 1996.
- Karl. T. Ulrich, Steven D. Eppinger, Product Design and Development, McGraw-Hill Education Singapore; 4th edition, 2007
- William Lidwell, Kritina Holden, Jill Butler, Universal principles of Design, Rockport publishers, 2003.
- June Fish, Designing and Printing textiles, Crowood press, 2005
- R.W.Lee, Printing on Textiles by Direct and Transfer Techniques, Noyes Data Corporation, 1981
- Marypaul Yates, Fabrics: A guide for architects and Interior Designers, Norton publishers, 2002.
- Corky Bingelli, Materials for Inteprior Environments, John wiley and sons, 2

References:

- A.J. Metric Handbook, Jan Bilwa and Leslie Fair weather
- Architectural Graphic standards, Boaz Joseph
- The Curtain Book, Mitchll Beazlty
- Interior Design Visual, Maureen Mitton 2nd Edition
- 100 Bright Ideas For color, Sue Rose

- Window Fashion, Charles T. Randall
- Illustration + Perspectives (In Pantone Colors), Eiji Mitooka
- Elements of Architecture, Meiss Pieree Von
- Architecture: Form, Space and Order, Francis D.K. Ching

Lecture Plan

Lecture	Topics	Mode of	Correspon ding CO	Mode of Assessing CO
1.	Condition mapping of existing interior, photographing the existing space or site. (a residential unit or a small shop with minimum area of 40 sqm)/need for reuse	Delivery Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
2.	Condition mapping of existing interior, photographing the existing space or site. (a residential unit or a small shop with minimum area of 40 sqm)/need for reuse	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
3.	Condition mapping of existing interior, photographing the existing space or site. (a residential unit or a small shop with minimum area of 40 sqm)/need for reuse	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
4.	Condition mapping of existing interior, photographing the existing space or site. (a residential unit or a small shop with minimum area of 40 sqm)/need for reuse	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
5.	Condition mapping of existing interior, photographing the existing space or site. (a residential unit or a small shop with minimum area of 40 sqm)/need for reuse	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
6.	initial design concepts, layouts, and product or	Lecture	CO1	Mid Term- 1, Quiz &

	material solutions.			End Sem
	material solutions.			Exam
7.	initial design concepts,	Lecture	CO1	Mid Term-
, ,	layouts, and product or		001	1, Quiz &
	material solutions.			End Sem
	material solutions.			Exam
8.	initial design concepts,	Lecture	CO1	Mid Term-
0.	layouts, and product or	Lecture	601	1, Quiz &
	material solutions.			End Sem
	material solutions.			Exam
9.	initial design concepts,	Lecture	CO1	Mid Term-
J.	layouts, and product or	Lecture	601	1, Quiz &
	material solutions.			End Sem
	material solutions.			Exam
10.	initial design concepts,	Lecture	CO1	Mid Term-
10.		Lecture	CO1	
	layouts, and product or material solutions.			1, Quiz & End Sem
	material solutions.			
11	Constitution of suisting	Lastina	601	Exam
11.	Creative repair of existing	Lecture	CO1	Mid Term-
	interior design elements, new			1, Quiz &
	furniture layout according to			End Sem
	required use.	_		Exam
12.	Creative repair of existing	Lecture	CO1	Mid Term-
	interior design elements,			1, Quiz &
	new furniture layout			End Sem
	according to required use.			Exam
13.	Creative repair of existing	Lecture	CO1	Mid Term-
	interior design elements,			1, Quiz &
	new furniture layout			End Sem
	according to required use.			Exam
14.	Creative repair of existing	Lecture	CO1	Mid Term-
	interior design elements,			1, Quiz &
	new furniture layout			End Sem
	according to required use.			Exam
15.	Creative repair of existing	Lecture	CO1	Mid Term-
	interior design elements,			1, Quiz &
	new furniture layout			End Sem
	according to required use.			Exam
16.	Introducing the principles of	Lecture	CO1	Mid Term-
	sustainable reuse to the site			1, Quiz &
	/interior space selected.			End Sem
				Exam
17.	Introducing the principles	Lecture	CO1	Mid Term-
	of sustainable reuse to the			1, Quiz &
	site /interior space			End Sem
	selected.			Exam

	1			
18.	Introducing the principles	Lecture	CO1	Mid Term-
	of sustainable reuse to the			1, Quiz &
	site /interior space			End Sem
	selected.			Exam
19.	Introducing the principles	Lecture	CO1	Mid Term-
	of sustainable reuse to the			1, Quiz &
	site /interior space			End Sem
	selected.			Exam
20.	Introducing the principles	Lecture	CO1	Mid Term-
	of sustainable reuse to the			1, Quiz &
	site /interior space			End Sem
	selected.			Exam
21.	Further development of	Lecture	CO1	Mid Term-
	floor plan, including			2, Quiz &
	presentation of specific			End Sem
	interior finish material and			Exam
	fixture recommendations.			
22.	Further development of	Lecture	CO1	Mid Term-
	floor plan, including			2, Quiz &
	presentation of specific			End Sem
	interior finish material and			Exam
	fixture recommendations.			
23.	Further development of	Lecture	CO1	Mid Term-
	floor plan, including			2, Quiz &
	presentation of specific			End Sem
	interior finish material and			Exam
	fixture recommendations.			
24.	Further development of	Lecture	CO1	Mid Term-
	floor plan, including			2, Quiz &
	presentation of specific			End Sem
	interior finish material and			Exam
	fixture recommendations.			
25.	Further development of	Lecture	CO1	Mid Term-
	floor plan, including			2, Quiz &
	presentation of specific			End Sem
	interior finish material and			Exam
	fixture recommendations.			
26.	Further development of floor	Lecture	CO1	Mid Term-
	plan, including presentation of			2, Quiz &
	specific interior finish material			End Sem
	and fixture recommendations.			Exam
27.	Further development of	Lecture	CO1	Mid Term-
	floor plan, including			2, Quiz &
	presentation of specific			End Sem
	interior finish material and			Exam
	fixture recommendations.			
L	- L	1		1

Mid Term-
2, Quiz &
End Sem
Exam
LXaIII
Mid Term-
2, Quiz & End Sem
Exam
DA: d Taure
Mid Term-
2, Quiz &
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Mid Term-
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End Sem
Exam
Mid Term-
2, Quiz &
End Sem
Exam
Mid Term-
2, Quiz &
End Sem
Exam
Mid Term-
2, Quiz &
End Sem
Exam

	floor plan, including presentation of specific interior finish material and fixture recommendations.			End Sem Exam
38.	Further development of floor plan, including presentation of specific interior finish material and fixture recommendations.	Lecture	CO1	Quiz & End Sem Exam
39.	Further development of floor plan, including presentation of specific interior finish material and fixture recommendations.	Lecture	CO1	Quiz & End Sem Exam
40.	Further development of floor plan, including presentation of specific interior finish material and fixture recommendations.	Lecture	CO1	Quiz & End Sem Exam
41.	Further development of floor plan, including presentation of specific interior finish material and fixture recommendations.	Lecture	CO1	Quiz & End Sem Exam
42.	Further development of floor plan, including presentation of specific interior finish material and fixture recommendations.	Lecture	CO1	Quiz & End Sem Exam
43.	Further development of floor plan, including presentation of specific interior finish material and fixture recommendations.	Lecture	CO1	Quiz & End Sem Exam
44.	Further development of floor plan, including presentation of specific interior finish material and fixture recommendations.	Lecture	CO1	Quiz & End Sem Exam
45.	Further development of floor plan, including presentation of specific interior finish material and fixture recommendations.	Lecture	CO1	Quiz & End Sem Exam

G. Course Articulation Matrix (Mapping of COs with POs)

СО	STATEMENT		CORRELATION WITH PROGRAMME OUTCOMES											CORRELATION WITH PROGRAMME				
														SPECIFIC OUTCOMES				
		Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	PS	PS	PS	PS	PS
		0	0	0	0	0	0	0	0	0	0	0	0	01	02	О3	04	05
		1	2	3	4	5	6	7	8	9	1	1	1					
											0	1	2					
CO 01	The course provides																	
	an understanding of																	
	the role of using																	
	existing resources and																	
	proposing a new																	
	solution.																	

Sample Question Paper

	Amity School of Architecture & Planning I MID-SEMESTER (SEM –VI) 2021-22										
		Class: BID VI Se	mester								
Subject Name: BID 603 Time: 2 Hrs Max. Marks: 10 Adaptive reuse and Refurbishment											
Levels of the questions as per Blooms Taxonomy Remembering Understanding Applying Analyzing Evaluating Creating											
Question Mapping Q.1,4 Q.2,3 Q.4 Q.2,5,6											
Student will be ab	le to										

Student will be able to

CO1: List the broad perceptive of cloud architecture and model.

CO2: Apply different cloud programming models as per need.

CO Map	Question No.	Question	Marks
CO1	Q.1	Explain in brief the cloud computing concept.	3
CO1	Q.2a	What are the essential characteristics of cloud computing?	3
	Q.2b	How is cloud computing requirements and cloud servicerequirement services related to	3

		each other?	
CO1	Q.3	Sketch NIST Cloud Computing Reference Architecture and depictits elements	6
CO2	Q.4	Explain the significance of Cloud Reference Model	3
CO2	Q.5a	Elaborate different cloud types with example.	3
CO2	Q.5b	Write characteristics of private cloud.	3
CO2	Q6	How virtualization is applied in cloud computing scenario?	6

Attainments		Rubric
Level	1	IF 60% of students secure more than 60% marks then level 1
Level	2	IF 70% of students secure more than 60% marks then level 2
Level	3	IF 80% of students secure more than 60% marks then level 3

Course outcome: Based on internal and external assessment the level of Course outcome attainment of the course BID/Course code BID 603 is level 2 for the academic year2021-2022.



AMITY UNIVERSITY MADHYA PRADESH, GWALIOR AMITY SCHOOL OF ARCHITECTURE AND PLANNING DEPARTMENT OF ARCHITECTURE AND PLANNING

PROGRAMME OUTCOMES AND PROGRAMME SPECIFIC OUTCOMES Bachelor of Interior Design (BID), Academic Year – 2021-22

Program Outcomes:

- **PO1. Design Knowledge:** Incorporate a global perspective when making design decisions, based on sustainable, socio-economic, and cultural contexts.
- PO2. Problem Analysis: Apply theories of human behaviour to human-centered design solutions.
- **PO3.** Design/Development of Solutions: Apply the design process to generate creative solutions to complex problems optimizing the human experience within the interior environment. Apply theory, psychology, and methodology of color to designs of the interior environment.
- **PO4. Individual and Team Work:** Collaborate in multi-disciplinary teams respecting a variety of points of view and perspectives that enrich the process and product of the team.
- **PO5. Communication:** Communicate complex ideas clearly to specialists and non-specialists through appropriate oral, written, and representational media.
- **PO6. Life Long Learning:** Exemplify accepted standards of professionalism and business practice including a commitment to engage in lifelong learning.
- **PO7. Context and Society:** Analyze interiors, architecture, the decorative arts, and art within a historical and cultural context to inform contemporary design solutions that relate with the society for whom the design solution is to be provided.
- **PO8. Synthesis of Concepts:** Synthesize theories and concepts of spatial definition and organization into multi-dimensional design solutions.
- **PO9. Modern Technique usage:** Specify furniture, fixtures, and equipment's of finish materials to meet the design criteria for a variety of interior spaces.
- **PO10.** Environment and Sustainability: Apply principles of lighting, acoustics, thermal comfort, and indoor air quality as required to enhance the health, safety, welfare, and performance of building occupants for overall sustainable development of the individuals.
- PO11. Ethics: Comply with laws, codes, and standards that impact fire safety and life safety.

PO12. Project/Construction Management: Produce construction drawings and documents using industry standards for a variety of interior spaces. Employ environment-behaviour research methodologies to address open-ended problems in interior design.

Program Specific Outcome:

As part of the school's charter and mission, Amity School of Architecture and Planning is providing a vibrant planning environment, ensuring its under-graduates are not only valued by the planning practice, but are also able to:

PSO1. Demonstrate critical thinking as they identify, analyze, and solve interior architecture and design problems through completion of interior design studio projects. Apply creative and critical thinking to solve interior environment problems from a human-cantered approach and apply this knowledge to design solutions.

PSO2. Demonstrate preparation for global design practice by incorporating cultural norms of user populations and applying that knowledge to design solutions that support globally diverse end users.

PSO3. Demonstrate effective visual, verbal, and written communication.

PSO4. Apply ethical and professional practices.

PSO5. Demonstrate social responsibility by designing sustainable interior environments that support indoor environmental quality and improve the quality of life for occupants.

PSO6. Engage in integrative professional design practice by contributing interior architecture and design expertise to collaborative design teams.

Note: - Correlation levels 1, 2 and 3 as defined below:

1: Slight (Low), 2: Moderate (Medium) and 3: Substantial (High)

If there is no correlation, put "-"

PROGRAMME ARTICULATION MATRIX																					
SEM	SUBJECT CODE	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12	PO 13	PO 14	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5	PSO 6
	BID101	3	3	3	3	2	1	2	3	3	1	1	3	3	1	3	3	-	-	2	-
	BID102	2	2	3	2	2	1	-		1	2	2	2	-	1	1	3	-	-	-	-
	BID103	2	2	1	-	3	1	2	3	3	2	1	1	2	2	3	3	1	-	-	-
- 1	BID104	1	1	1	2	-	-	-	2	-	-	-	2	-	-	1	1	-	-	-	-
	BID105	3	2	3	2	1	1	2	3	1	2	-	3	-	1	3	3	-	-	2	-
	BID106	-	1	-	-	-	-	3	2	-	-	-	-	-	1	1	1	-	-	-	-
	BID107	3	2	3	3	1	1	3	-	3	3	-	3	2	3	3	3	3	-	-	-
	BID201	3	2	3	3	2	2	2	3	3	1	1	3	3	1	3	3	-	-	2	-
	BID202	3	-	3	2	2	2	-	1	1	1	3	3	2	1	1	2	-	-	-	-
	BID203	2	2	1	1	3	2	2	3	3	2	1	2	2	1	3	3	1	-	2	-
П	BID204	1	3	1	-	-	-	-	1	1	-	-	2	-	1	1	1	-	-	-	-
	BID205	1	-	3	3	1	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-
	BID206	1	1	-	-	-	-	3	3	3	-	-	-	-	-	1	3	-	-	-	-
	BID207	3	-	1	3	1	1	-	1	3	3	3	3	3	3	3	3	3	-	-	-
	BID301	3	3	3	3	2	2	2	3	3	1	1	2	3	1	3	3	-	-	2	-
	BID302	2	-	3	2	2	2	-	1	1	1	2	2	2	1	1	1	-	-	-	-
	BID303	2	2	2	2	-	3	2	-	1	-	-	-	2	-	1	1	-	-	-	-
Ш	BID304	3	3	-	-	3	-	-	3	3	-	-	-	-	-	1	1	-	-	-	-
	BID305	1	-	3	3	1	2	-	-	-	-	-	-	-	-	1	-	-	-	-	-
	BID306	1	1	-	-	2	-	3	3	3	-	-	-	-	-	-	-	-	-	-	-
	BID307	1	3	1	-	3	-	-	3	3	-	-	-	-	3	-	-	-	-	2	-
	BID401	3	3	3	3	2	2	2	3	3	2	1	2	3	1	3	3	-	-	2	-
	BID402	2	1	3	2	2	2	-	1	-	2	1	2	3	1	1	1	-	-	2	-
	BID403	2	2	2	3	1	2	1	1	-	-	-	-	2	-	3	1	-	-	2	-
IV	BID404	3	-	2	3	1	2	1	1	-	1	2	2	2	-	1	1	-	-	2	-
	BID405	3	1	1	1	1	1	-	3	3	3	2	2	1	1	3	3	-	-	-	-
	BID406	3	3	3	3	3	2	3	2	3	3	2	3	-	-	1	3	-	-	2	-
	BID407	3	2	3	3	2	2	2	2	3	3	-	-	-	1	1	3	-	-	-	-
	BID501	3	3	3	3	2	2	2	3	3	3	1	2	3	1	3	1	-	-	2	-
	BID502	2	1	3	2	2	2	1	1	-	1	1	2	3	1	1	1	-	-	-	-
V	BID503	2	1	2	3	-	3	1	1	-	-	3	-	2	3	3	1	-	-	2	-
V	BID504	2	1	1	3	-	3	-	-	-	-	3	-	2	3	3	1	-	-	2	-
	BID505	1	1	-	-	1	-	3	3	3	-	-	1	-	3	1	1	3	-	-	-
	BID506	3	3	3	3	2	2	3	3	2	3	3	3	3	1	3	3	-	-	2	-
	BID601	3	3	3	3	2	2	2	3	3	3	3	1	3	1	3	3	-	-	2	-
	BID602	1	-	3	3	2	2	2	3	3	-	2	1	-	-	3	3	3	-	-	-
	BID603	3	3	2	2	1	1	1	3	3	1	2	2	2	3	3	3	-	-	-	-
VI	BID604	3	2	3	3	2	2	2	3	3	3	2	3	3	-	3	3	-	-	2	-
	BID605	2	-	1	3	-	-	-	-	-	-	-	-	-	3	3	-	-	-	-	-
	BID606	3	2	3	3	1	2	2	3	3	-	3	-	-	-	3	2	-	-	-	-
	BID607	2	3	3	3	1	2	2	3	3	1	-	-	-	3	3	2	-	-	-	-
VII	BID701	3	3	3	3	2	3	1	3	2	1	-	3	3	3	3	ı	-	-	2	-
VIII	BID 801	3	3	3	3	2	2	2	3	3	1	3	2	3	3	3	3	-	-	2	-

			i						i											
BID 802	-	-	-	-	1	1	-	1	-	-	-	-	3	3	2	3	3	3	-	3
BID 803	1	-	2	1	1	2	-	2	1	-	1	-	2	3	2	1	2	-	-	-
BID 804	3	1	2	2	2	1	-	2	2	1	-	2	-	-	-	1	-	-	-	-
BID 805	1	3	1	1	2	1	2	1	2	1	1	-	2	1	2	-	-	-	-	-

DEPARTMENT OF ARCHITECTURE & PLANNING

Course Handout

Course: Furniture Detailing -II

Course Code: BID 604, Crédits: 03, Session: 2021-22 (Even Sem.), Class: BID 3rd Year

Faculty Name: Ar. Manish Kumar Chitranshi

- **A. Introduction:** The objective of the course is to provide knowledge about analysis of existing piece of furniture in its functional aspect, technical aspects and skill required materials and properties, biomechanical factors and ergonomically consideration, aesthetic consideration and back acing and economic factors consideration.
- **B.** Course Outcomes: CO1: The course is to provide knowledge about analysis of existing piece of furniture in its functional aspect, technical aspects and skill required materials and properties, biomechanical factors and ergonomically consideration, aesthetic consideration and back acing and economic factors consideration.

C. Programme Outcomes:

- **PO1. Design Knowledge:** Incorporate a global perspective when making design decisions, based on sustainable, socio-economic, and cultural contexts.
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- **PSO4.** Apply ethical and professional practices.
- **PSO5.** Demonstrate social responsibility by designing sustainable interior

environments that support indoor environmental quality and improve the quality of life for occupants.

PSO6. Engage in integrative professional design practice by contributing interior architecture and design expertise to collaborative design teams.

Assessment Plan:

Component	Description	Code	Weightage
of Evaluation			%
Continuous Internal	Mid Term	СТ	10%
Evaluation	Seminar/Quiz/ Assignment	S/Q/A	15%
Attendance	A minimum of 75% Attendance is required to be maintained by a studentto be qualified for taking up the End Semester examination. The allowance of 25% includes all types of leaves including medical leaves.	A	5%
End Semester Examination	End Semester (Viva-Voce)	VV	70%
Total	(**************************************		100%

E. Syllabus

Module I: Analyzing furniture

Descriptors/Topics

Analyzing furniture forms and designing furniture forms scientifically based on ergonomics, material design and working parameters and visual perception of furniture as a single form and as a system in a given interior space.

Module II: Measurement drawing

Descriptors/Topics

Measurement drawing of a piece of a furniture-plan, elevation and detail drawings on proper scale. Design of a simple object having some moving components – folding stool. History of furniture from early days to industrial revolution.

Module III: Modular Aspect

Descriptors/Topics

Modular aspect and approach towards all types of furniture, cost criteria of design furniture for lower income sector society.

Module IV: Furniture Style

Descriptors/Topics Design and understand Post Independence furniture style

Examination Scheme:

Components	Attendance	Mid-Term	Assignment	VV
Weightage (%)	5	10	15	70

CT: Class Test, A: Assignment, S/V/Q: Seminar/Viva/Quiz, EE: End Semester Examination; A: Attendance

F. Suggested Text/Reference Books:

Text Reading:

- A Visual Dictionary of Architecture, Francis D.K. Ching
- Creative Interiors (Design of Enclosed Space), Shashi Jain
- Interior design illustrated, Francis D.K. Ching
- Home Plumbing (The David & Charles Manual of), Ernest Hall
- House Book (The Complete Guide to Home Design), Terence Conran
- Architecture: Form, Space and Order Francis D.K. Ching

References:

- Window Fashion, Charles T. Randall
- Illustration + Perspectives (In Pantone Colors), Eiji Mitooka
- Elements of Architecture, Meiss Pieree Von

Lecture Plan

Lecture	Topics	Mode of Delivery	Correspon ding CO	Mode of Assessing CO
1.	Analyzing furniture forms and designing furniture forms scientifically based on ergonomics, material design and working parameters and visual perception of furniture as a single form and as a system in a given interior space.	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
2.	Analyzing furniture forms	Lecture	CO1	Mid Term-

	T	T	1	
	and designing furniture			1, Quiz &
	forms scientifically based			End Sem
	on ergonomics, material			Exam
	design and working			
	parameters and visual			
	perception of furniture as a			
	single form and as a system			
	in a given interior space.			
3.	Analyzing furniture forms	Lecture	CO1	Mid Term-
J.	and designing furniture	Lecture	601	1, Quiz &
	forms scientifically based			End Sem
	on ergonomics, material			Exam
	design and working			
	parameters and visual			
	perception of furniture as a			
	single form and as a system			
	in a given interior space.			
4.	Analyzing furniture forms and	Lecture	CO1	Mid Term-
	designing furniture forms			1, Quiz &
	scientifically based on			End Sem
	ergonomics, material design			Exam
	and working parameters and			
	visual perception of furniture as			
	a single form and as a system in			
	a given interior space.			
5.	Analyzing furniture forms	Lecture	CO1	Mid Term-
	and designing furniture			1, Quiz &
	forms scientifically based			End Sem
	on ergonomics, material			Exam
	design and working			Exam
	parameters and visual			
	perception of furniture as a			
	1 .			
	single form and as a system			
	in a given interior space.	Lockers	601	NA: al Taures
6.	Analyzing furniture forms	Lecture	CO1	Mid Term-
	and designing furniture			1, Quiz &
	forms scientifically based			End Sem
	on ergonomics, material			Exam
	design and working			
	parameters and visual			
	perception of furniture as a			
	single form and as a system			
	in a given interior space.			
7.	Analyzing furniture forms	Lecture	CO1	Mid Term-
	and designing furniture			1, Quiz &
	forms scientifically based			End Sem
	1.5 Societically basea		1	00

	on organomics, material			Evam
	on ergonomics, material			Exam
	design and working			
	parameters and visual			
	perception of furniture as a			
	single form and as a system			
0	in a given interior space.	Lockurs	601	Mid Town
8.	Analyzing furniture forms	Lecture	CO1	Mid Term-
	and designing furniture			1, Quiz &
	forms scientifically based			End Sem
	on ergonomics, material			Exam
	design and working			
	parameters and visual			
	perception of furniture as a			
	single form and as a system			
	in a given interior space.	1 1	604	
9.	Measurement drawing of a	Lecture	CO1	Mid Term-
	piece of a furniture-plan,			1, Quiz &
	elevation and detail			End Sem
	drawings on proper scale.	_		Exam
10.	Measurement drawing of a	Lecture	CO1	Mid Term-
	piece of a furniture-plan,			1, Quiz &
	elevation and detail			End Sem
	drawings on proper scale.			Exam
11.	Measurement drawing of a	Lecture	CO1	Mid Term-
	piece of a furniture-plan,			1, Quiz &
	elevation and detail			End Sem
	drawings on proper scale.			Exam
12.	Measurement drawing of a	Lecture	CO1	Mid Term-
	piece of a furniture-plan,			1, Quiz &
	elevation and detail			End Sem
	drawings on proper scale.			Exam
13.	Measurement drawing of a	Lecture	CO1	Mid Term-
	piece of a furniture-plan,			1, Quiz &
	elevation and detail			End Sem
	drawings on proper scale.			Exam
14.	Measurement drawing of a	Lecture	CO1	Mid Term-
	piece of a furniture-plan,			1, Quiz &
	elevation and detail			End Sem
	drawings on proper scale.			Exam
15.	Measurement drawing of a	Lecture	CO1	Mid Term-
	piece of a furniture-plan,			1, Quiz &
	elevation and detail			End Sem
	drawings on proper scale.			Exam
16.	Design of a simple object	Lecture	CO1	Mid Term-
	having some moving			1, Quiz &
	components – folding			End Sem

	stool.			Exam
17.	Design of a simple object	Lecture	CO1	Mid Term-
_,,	having some moving			1, Quiz &
	components – folding			End Sem
	stool.			Exam
18.	Design of a simple object	Lecture	CO1	Mid Term-
	having some moving			1, Quiz &
	components – folding			End Sem
	stool.			Exam
19.	Design of a simple object	Lecture	CO1	Mid Term-
	having some moving			1, Quiz &
	components – folding			End Sem
	stool.			Exam
20.	Design of a simple object	Lecture	CO1	Mid Term-
	having some moving			1, Quiz &
	components – folding			End Sem
	stool.			Exam
21.	Design of a simple object	Lecture	CO1	Mid Term-
	having some moving			2, Quiz &
	components – folding			End Sem
	stool.			Exam
22.	Design of a simple object	Lecture	CO1	Mid Term-
	having some moving			2, Quiz &
	components – folding			End Sem
	stool.			Exam
23.	Design of a simple object	Lecture	CO1	Mid Term-
	having some moving			2, Quiz &
	components – folding			End Sem
	stool.			Exam
24.	Design of a simple object	Lecture	CO1	Mid Term-
	having some moving			2, Quiz &
	components – folding			End Sem
	stool.			Exam
25.	History of furniture from early	Lecture	CO1	Mid Term-
	days to industrial revolution.			2, Quiz &
				End Sem
				Exam
26.	History of furniture from	Lecture	CO1	Mid Term-
	early days to industrial			2, Quiz &
	revolution.			End Sem
		1		Exam
27.	History of furniture from	Lecture	CO1	Mid Term-
	early days to industrial			2, Quiz &
	revolution.			End Sem
				Exam
28.	History of furniture from	Lecture	CO1	Mid Term-

	early days to industrial			2 Ouiz 8
	early days to industrial			2, Quiz & End Sem
	revolution.			
20	History of Court on Court	11	604	Exam
29.	History of furniture from	Lecture	CO1	Mid Term-
	early days to industrial			2, Quiz &
	revolution.			End Sem
				Exam
30.	History of furniture from	Lecture	CO1	Mid Term-
	early days to industrial			2, Quiz &
	revolution.			End Sem
				Exam
31.	History of furniture from	Lecture	CO1	Mid Term-
	early days to industrial			2, Quiz &
	revolution.			End Sem
				Exam
32.	History of furniture from	Lecture	CO1	Mid Term-
	early days to industrial			2, Quiz &
	revolution.			End Sem
				Exam
33.	History of furniture from	Lecture	CO1	Mid Term-
	early days to industrial			2, Quiz &
	revolution.			End Sem
				Exam
34.	Modular aspect and approach	Lecture	CO1	Mid Term-
	towards all types of furniture,			2, Quiz &
	cost criteria of design furniture			End Sem
	for lower income sector society.			Exam
35.	Modular aspect and	Lecture	CO1	Mid Term-
	approach towards all types			2, Quiz &
	of furniture, cost criteria of			End Sem
	design furniture for lower			Exam
	income sector society.			
36.	Modular aspect and	Lecture	CO1	Mid Term-
	approach towards all types			2, Quiz &
	of furniture, cost criteria of			End Sem
	design furniture for lower			Exam
	income sector society.			
37.	Modular aspect and	Lecture	CO1	Quiz &
	approach towards all types			End Sem
	of furniture, cost criteria of			Exam
	design furniture for lower			
	income sector society.			
38.	Modular aspect and	Lecture	CO1	Quiz &
	approach towards all types	Lectare		End Sem
	of furniture, cost criteria of			Exam
	or furniture, cost criteria di	1		LAdili

		Т		
	design furniture for lower			
	income sector society.			
39.	Modular aspect and approach towards all types of furniture, cost criteria of design furniture for lower income sector society.	Lecture	CO1	Quiz & End Sem Exam
40.	Descriptors/Topics Design and understand Post Independence furniture style.	Lecture	CO1	Quiz & End Sem Exam
41.	Descriptors/Topics Design and understand Post Independence furniture style.	Lecture	CO1	Quiz & End Sem Exam
42.	Descriptors/Topics Design and understand Post Independence furniture style.	Lecture	CO1	Quiz & End Sem Exam
43.	Descriptors/Topics Design and understand Post Independence furniture style.	Lecture	CO1	Quiz & End Sem Exam
44.	Descriptors/Topics Design and understand Post Independence furniture style.	Lecture	CO1	Quiz & End Sem Exam
45.	Descriptors/Topics Design and understand Post Independence furniture style.	Lecture	CO1	Quiz & End Sem Exam

G. Course Articulation Matrix (Mapping of COs with POs)

СО	STATEMENT		COF	RREL			/ITH COM		GRA	MMI	E			CORRELATION WITH PROGRAMME SPECIFIC OUTCOMES				
		Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	PS	PS	PS	PS	PS
		0	0	0	0	0	0	0	0	0	0	0	0	01	02	О3	04	05
		1	2	3	4	5	6	7	8	9	1	1	1					
											0	1	2					
CO 01	The course is to																	
	provide knowledge																	
	about analysis of																	
	existing piece of																	

furniture in its									
functional aspect,									
technical aspects and									
skill required material	:								
and properties,									
biomechanical factors									
and ergonomically									
consideration,									
aesthetic									
consideration and									
back acing and									
economic factors									
consideration.									

Sample Question Paper

	Amity School of Architecture & Planning I MID-SEMESTER (SEM –VI) 2021-22													
Class: BID VI Semester														
Subject Name: BID 604 Time: 2 Hrs Max. Marks: 10 Furniture Detailing -II														
Levels of the questions as per Blooms Taxonomy	Remembering	Understanding	Applying	Analyz	zing	Evaluating	Creating							
Question Mapping	Q.1,4	Q.2,3	Q.4	Q.2,5,	6									

Student will be able to

CO1: List the broad perceptive of cloud architecture and model. CO2: Apply different cloud programming models as per need.

		0 0	
СО Мар	Question No.	Question	Marks
CO1	Q.1	Explain in brief the cloud computing concept.	3
CO1	Q.2a	What are the essential characteristics of cloud computing?	3
	Q.2b	How is cloud computing requirements and cloud servicerequirement services related to each other?	3
CO1	Q.3	Sketch NIST Cloud Computing Reference Architecture and depictits elements	6
CO2	Q.4	Explain the significance of Cloud Reference Model	3

CO2	Q.5a	Elaborate different cloud types with example.	3
CO2	Q.5b	Write characteristics of private cloud.	3
CO2	Q6	How virtualization is applied in cloud computing scenario?	6

Attainments		Rubric
Lovel	1	IE 60% of students secure more than 60% marks then level 1
Level	1	IF 60% of students secure more than 60% marks then level 1
Level	2	IF 70% of students secure more than 60% marks then level 2
Level	3	IF 80% of students secure more than 60% marks then level 3

Course outcome: Based on internal and external assessment the level of Course outcome attainment of the course BID/Course code BID 604 is level 2 for the academic year 2021-2022.



AMITY UNIVERSITY MADHYA PRADESH, GWALIOR AMITY SCHOOL OF ARCHITECTURE AND PLANNING DEPARTMENT OF ARCHITECTURE AND PLANNING

PROGRAMME OUTCOMES AND PROGRAMME SPECIFIC OUTCOMES Bachelor of Interior Design (BID), Academic Year – 2021-22

Program Outcomes:

- **PO1. Design Knowledge:** Incorporate a global perspective when making design decisions, based on sustainable, socio-economic, and cultural contexts.
- PO2. Problem Analysis: Apply theories of human behaviour to human-centered design solutions.
- **PO3.** Design/Development of Solutions: Apply the design process to generate creative solutions to complex problems optimizing the human experience within the interior environment. Apply theory, psychology, and methodology of color to designs of the interior environment.
- **PO4. Individual and Team Work:** Collaborate in multi-disciplinary teams respecting a variety of points of view and perspectives that enrich the process and product of the team.
- **PO5. Communication:** Communicate complex ideas clearly to specialists and non-specialists through appropriate oral, written, and representational media.
- **PO6. Life Long Learning:** Exemplify accepted standards of professionalism and business practice including a commitment to engage in lifelong learning.
- **PO7. Context and Society:** Analyze interiors, architecture, the decorative arts, and art within a historical and cultural context to inform contemporary design solutions that relate with the society for whom the design solution is to be provided.
- **PO8. Synthesis of Concepts:** Synthesize theories and concepts of spatial definition and organization into multi-dimensional design solutions.
- **PO9. Modern Technique usage:** Specify furniture, fixtures, and equipment's of finish materials to meet the design criteria for a variety of interior spaces.
- **PO10.** Environment and Sustainability: Apply principles of lighting, acoustics, thermal comfort, and indoor air quality as required to enhance the health, safety, welfare, and performance of building occupants for overall sustainable development of the individuals.
- PO11. Ethics: Comply with laws, codes, and standards that impact fire safety and life safety.

PO12. Project/Construction Management: Produce construction drawings and documents using industry standards for a variety of interior spaces. Employ environment-behaviour research methodologies to address open-ended problems in interior design.

Program Specific Outcome:

As part of the school's charter and mission, Amity School of Architecture and Planning is providing a vibrant planning environment, ensuring its under-graduates are not only valued by the planning practice, but are also able to:

PSO1. Demonstrate critical thinking as they identify, analyze, and solve interior architecture and design problems through completion of interior design studio projects. Apply creative and critical thinking to solve interior environment problems from a human-cantered approach and apply this knowledge to design solutions.

PSO2. Demonstrate preparation for global design practice by incorporating cultural norms of user populations and applying that knowledge to design solutions that support globally diverse end users.

PSO3. Demonstrate effective visual, verbal, and written communication.

PSO4. Apply ethical and professional practices.

PSO5. Demonstrate social responsibility by designing sustainable interior environments that support indoor environmental quality and improve the quality of life for occupants.

PSO6. Engage in integrative professional design practice by contributing interior architecture and design expertise to collaborative design teams.

Note: - Correlation levels 1, 2 and 3 as defined below:

1: Slight (Low), 2: Moderate (Medium) and 3: Substantial (High)

If there is no correlation, put "-"

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SEM	SUBJECT CODE	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12	PO 13	PO 14	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5	PSO 6
	BID101	3	3	3	3	2	1	2	3	3	1	1	3	3	1	3	3	-	-	2	-
	BID102	2	2	3	2	2	1	-		1	2	2	2	-	1	1	3	-	-	-	-
	BID103	2	2	1	-	3	1	2	3	3	2	1	1	2	2	3	3	1	-	-	-
- 1	BID104	1	1	1	2	-	-	-	2	-	-	-	2	-	-	1	1	-	-	-	-
	BID105	3	2	3	2	1	1	2	3	1	2	-	3	-	1	3	3	-	-	2	-
	BID106	-	1	-	-	-	-	3	2	-	-	-	-	-	1	1	1	-	-	-	-
	BID107	3	2	3	3	1	1	3	-	3	3	-	3	2	3	3	3	3	-	-	-
	BID201	3	2	3	3	2	2	2	3	3	1	1	3	3	1	3	3	-	-	2	-
	BID202	3	-	3	2	2	2	-	1	1	1	3	3	2	1	1	2	-	-	-	-
	BID203	2	2	1	1	3	2	2	3	3	2	1	2	2	1	3	3	1	-	2	-
П	BID204	1	3	1	-	-	-	-	1	1	-	-	2	-	1	1	1	-	-	-	-
	BID205	1	-	3	3	1	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-
	BID206	1	1	-	-	-	-	3	3	3	-	-	-	-	-	1	3	-	-	-	-
	BID207	3	-	1	3	1	1	-	1	3	3	3	3	3	3	3	3	3	-	-	-
	BID301	3	3	3	3	2	2	2	3	3	1	1	2	3	1	3	3	-	-	2	-
	BID302	2	-	3	2	2	2	-	1	1	1	2	2	2	1	1	1	-	-	-	-
	BID303	2	2	2	2	-	3	2	-	1	-	-	-	2	-	1	1	-	-	-	-
Ш	BID304	3	3	-	-	3	-	-	3	3	-	-	-	-	-	1	1	-	-	-	-
	BID305	1	-	3	3	1	2	-	-	-	-	-	-	-	-	1	-	-	-	-	-
	BID306	1	1	-	-	2	-	3	3	3	-	-	-	-	-	-	-	-	-	-	-
	BID307	1	3	1	-	3	-	-	3	3	-	-	-	-	3	-	-	-	-	2	-
	BID401	3	3	3	3	2	2	2	3	3	2	1	2	3	1	3	3	-	-	2	-
	BID402	2	1	3	2	2	2	-	1	-	2	1	2	3	1	1	1	-	-	2	-
	BID403	2	2	2	3	1	2	1	1	-	-	-	-	2	-	3	1	-	-	2	-
IV	BID404	3	-	2	3	1	2	1	1	-	1	2	2	2	-	1	1	-	-	2	-
	BID405	3	1	1	1	1	1	-	3	3	3	2	2	1	1	3	3	-	-	-	-
	BID406	3	3	3	3	3	2	3	2	3	3	2	3	-	-	1	3	-	-	2	-
	BID407	3	2	3	3	2	2	2	2	3	3	-	-	-	1	1	3	-	-	-	-
	BID501	3	3	3	3	2	2	2	3	3	3	1	2	3	1	3	1	-	-	2	-
	BID502	2	1	3	2	2	2	1	1	-	1	1	2	3	1	1	1	-	-	-	-
V	BID503	2	1	2	3	-	3	1	1	-	-	3	-	2	3	3	1	-	-	2	-
V	BID504	2	1	1	3	-	3	-	-	-	-	3	-	2	3	3	1	-	-	2	-
	BID505	1	1	-	-	1	-	3	3	3	-	-	1	-	3	1	1	3	-	-	-
	BID506	3	3	3	3	2	2	3	3	2	3	3	3	3	1	3	3	-	-	2	-
	BID601	3	3	3	3	2	2	2	3	3	3	3	1	3	1	3	3	-	-	2	-
	BID602	1	-	3	3	2	2	2	3	3	-	2	1	-	-	3	3	3	-	-	-
	BID603	3	3	2	2	1	1	1	3	3	1	2	2	2	3	3	3	-	-	-	-
VI	BID604	3	2	3	3	2	2	2	3	3	3	2	3	3	-	3	3	-	-	2	-
	BID605	2	-	1	3	-	-	-	-	-	-	-	-	-	3	3	-	-	-	-	-
	BID606	3	2	3	3	1	2	2	3	3	-	3	-	-	-	3	2	-	-	-	-
	BID607	2	3	3	3	1	2	2	3	3	1	-	-	-	3	3	2	-	-	-	-
VII	BID701	3	3	3	3	2	3	1	3	2	1	-	3	3	3	3	ı	-	-	2	-
VIII	BID 801	3	3	3	3	2	2	2	3	3	1	3	2	3	3	3	3	-	-	2	-

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BID 802	-	-	-	-	1	1	-	1	-	-	-	-	3	3	2	3	3	3	-	3
BID 803	1	-	2	1	1	2	-	2	1	-	1	-	2	3	2	1	2	-	-	-
BID 804	3	1	2	2	2	1	-	2	2	1	-	2	-	-	-	1	-	-	-	-
BID 805	1	3	1	1	2	1	2	1	2	1	1	-	2	1	2	-	-	-	-	-

DEPARTMENT OF ARCHITECTURE & PLANNING

Course Handout

Course: DISASTER MANAGEMENT

Course Code: BID 605, Crédits: 03, Session: 2021-22 (Even Sem.), Class: BID 3rd Year

Faculty Name: Ar. Manish Kumar Chitranshi

A. *Introduction:* The formal lecture material and also provide the student with case study, presentations & hands on skills. Participants are encouraged to engage in active interaction through classroom participation.

Course Outcomes: CO1: The course is intended to provide a general concept in the dimensions of disasters caused by nature beyond the human control as well as the disasters and environmental hazards induced by human activities with emphasis on disaster preparedness, response and recovery.

A. Programme Outcomes:

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- specialists through appropriate oral, written, and representational media.
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- **PSO4.** Apply ethical and professional practices.
- **PSO5.** Demonstrate social responsibility by designing sustainable interior

environments that support indoor environmental quality and improve the quality of life for occupants.

PSO6. Engage in integrative professional design practice by contributing interior architecture and design expertise to collaborative design teams.

Assessment Plan:

Component	Description	Code	Weightage
of Evaluation			%
Continuous Internal	Mid Term	СТ	10%
Evaluation	Seminar/Quiz/ Assignment	S/Q/A	15%
Attendance	A minimum of 75% Attendance is required to be maintained by a studentto be qualified for taking up the End Semester examination. The allowance of 25% includes all types of leaves including medical leaves.	A	5%
End Semester Examination	End Semester (END EXAM)	EE	70%
Total			100%

C. Syllabus

Module I: Introduction of Disasters

Descriptors/Topics

Definitions, Meaning and Types of Disasters; Overview of Disasters across the World

- Natural Disasters and Manmade Calamities- Statistics, Degree of Damage, Frequency of Occurrences and Other Historical Facts
- Classification of Disasters in India by Predominant Types- Earthquake, Flood, Hurricanes, Fires Etc.
- Identification of Disaster-prone areas; Disaster Vulnerability Mapping

Module II:

Descriptors/Topics

Disaster Preparedness, Response and Post Disaster Recovery and Rehabilitation Measures; Risk Mitigation and Risk Transfer

- Technology for Rebuilding of Disaster Affected Areas
- Psychological Impact on Disaster Victims
- Risk Mitigation and Risk Transfer

Module III:

Descriptors/Topics

- Recent Initiatives at International National and State Level; Kyoto Framework of Disaster Mitigation and Management; Disaster Management Policies and Act National and States; Select Global Practices
- Forecasting and Early Warning Systems for Various Types of Disasters; Communication and Information Technology in Disaster Management
- Climate Change and Its Implications in Disaster Mitigation.

Examination Scheme:

Components	Attendance	Mid-Term	Assignment	EE
Weightage (%)	5	10	15	70

CT: Class Test, A: Assignment, S/V/Q: Seminar/Viva/Quiz, EE: End Semester Examination; A: Attendance

D. Suggested Text/Reference Books:

Text Reading:

- Home Plumbing (The David & Charles Manual of), Ernest Hall
- House Book (The Complete Guide to Home Design), Terence Conran
- Architecture: Form, Space and Order, Francis D.K. Ching
- Elements of Architecture, Meiss Pieree Von
- Architecture: Form, Space and Order, Francis D.K. Ching

References:

- Illustration + Perspectives (In Pantone Colors), Eiji Mitooka
- Elements of Architecture, Meiss Pieree Von

Lecture Plan

Lecture	Topics	Mode	Correspon	Mode of
		of Delivery	ding CO	Assessing CO
1.	Definitions, Meaning and Types of Disasters; Overview of Disasters across the World Natural Disasters and Manmade Calamities- Statistics, Degree of Damage, Frequency of Occurrences and Other Historical Facts Classification of Disasters in India by Predominant Types-Earthquake, Flood, Hurricanes, Fires Etc. Identification of Disaster-prone areas; Disaster Vulnerability Mapping.	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
2.	Definitions, Meaning and Types of Disasters; Overview of Disasters across the World Natural Disasters and Manmade Calamities- Statistics, Degree of Damage, Frequency of Occurrences and Other Historical Facts Classification of Disasters in India by Predominant Types-Earthquake, Flood, Hurricanes, Fires Etc. Identification of Disaster-prone areas; Disaster Vulnerability Mapping.	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
3.	Definitions, Meaning and Types of Disasters; Overview of Disasters across the World • Natural Disasters and Manmade Calamities- Statistics, Degree of Damage, Frequency of Occurrences and Other Historical Facts • Classification of Disasters in India by Predominant Types-Earthquake, Flood, Hurricanes, Fires Etc. • Identification of Disaster-prone areas; Disaster	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam

	Vulnerability Mapping.			
4.	Definitions, Meaning and Types of Disasters; Overview of Disasters across the World Natural Disasters and Manmade Calamities- Statistics, Degree of Damage, Frequency of Occurrences and Other Historical Facts Classification of Disasters in India by Predominant Types-Earthquake, Flood, Hurricanes, Fires Etc. Identification of Disaster-prone areas; Disaster Vulnerability Mapping.	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
5.	Definitions, Meaning and Types of Disasters; Overview of Disasters across the World Natural Disasters and Manmade Calamities- Statistics, Degree of Damage, Frequency of Occurrences and Other Historical Facts Classification of Disasters in India by Predominant Types-Earthquake, Flood, Hurricanes, Fires Etc. Identification of Disaster-prone areas; Disaster Vulnerability Mapping.	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
6.	Definitions, Meaning and Types of Disasters; Overview of Disasters across the World Natural Disasters and Manmade Calamities- Statistics, Degree of Damage, Frequency of Occurrences and Other Historical Facts Classification of Disasters in India by Predominant Types-Earthquake, Flood, Hurricanes, Fires Etc. Identification of Disaster-prone areas; Disaster Vulnerability Mapping.	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam

7	Definitions Massive and T	11	601	NA: al Taracc
7.	Definitions, Meaning and Types	Lecture	CO1	Mid Term-
	of Disasters; Overview of			1, Quiz &
	Disasters across the World			End Sem
	Natural Disasters and			Exam
	Manmade Calamities- Statistics,			
	Degree of Damage, Frequency			
	of Occurrences and Other			
	Historical Facts			
	Classification of Disasters in			
	India by Predominant Types-			
	Earthquake, Flood, Hurricanes,			
	Fires Etc.			
	• Identification of Disaster-			
	prone areas; Disaster			
	Vulnerability Mapping.			
8.	Definitions, Meaning and Types	Lecture	CO1	Mid Term-
	of Disasters; Overview of			1, Quiz &
	Disasters across the World			End Sem
	Natural Disasters and			Exam
	Manmade Calamities- Statistics,			
	Degree of Damage, Frequency			
	of Occurrences and Other			
	Historical Facts			
	Classification of Disasters in			
	India by Predominant Types-			
	Earthquake, Flood, Hurricanes,			
	Fires Etc.			
	Identification of Disaster-			
	prone areas; Disaster			
	Vulnerability Mapping.			
9.	Definitions, Meaning and Types	Lecture	CO1	Mid Term-
]	of Disasters; Overview of			1, Quiz &
	Disasters across the World			End Sem
	Natural Disasters and			Exam
	Manmade Calamities- Statistics,			LAGIII
	Degree of Damage, Frequency			
	of Occurrences and Other			
	Historical Facts			
	Classification of Disasters in			
	India by Predominant Types-			
	Earthquake, Flood, Hurricanes,			
	Fires Etc.			
	• Identification of Disaster-			
	prone areas; Disaster			
	Vulnerability Mapping.			

10.	Definitions, Meaning and Types of Disasters; Overview of Disasters across the World • Natural Disasters and Manmade Calamities- Statistics, Degree of Damage, Frequency of Occurrences and Other Historical Facts	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
	 Classification of Disasters in India by Predominant Types- Earthquake, Flood, Hurricanes, Fires Etc. Identification of Disaster- prone areas; Disaster Vulnerability Mapping. 			
11.	Definitions, Meaning and Types of Disasters; Overview of Disasters across the World Natural Disasters and Manmade Calamities- Statistics, Degree of Damage, Frequency of Occurrences and Other Historical Facts Classification of Disasters in India by Predominant Types-Earthquake, Flood, Hurricanes, Fires Etc. Identification of Disaster-prone areas; Disaster Vulnerability Mapping.	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
12.	Definitions, Meaning and Types of Disasters; Overview of Disasters across the World Natural Disasters and Manmade Calamities- Statistics, Degree of Damage, Frequency of Occurrences and Other Historical Facts Classification of Disasters in India by Predominant Types-Earthquake, Flood, Hurricanes, Fires Etc. Identification of Disaster-prone areas; Disaster Vulnerability Mapping.	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam

13.	Definitions, Meaning and Types of Disasters; Overview of Disasters across the World • Natural Disasters and Manmade Calamities- Statistics, Degree of Damage, Frequency	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
	of Occurrences and Other Historical Facts • Classification of Disasters in India by Predominant Types- Earthquake, Flood, Hurricanes, Fires Etc. • Identification of Disaster- prone areas; Disaster Vulnerability Mapping.			
14.	Definitions, Meaning and Types of Disasters; Overview of Disasters across the World Natural Disasters and Manmade Calamities- Statistics, Degree of Damage, Frequency of Occurrences and Other Historical Facts Classification of Disasters in India by Predominant Types-Earthquake, Flood, Hurricanes, Fires Etc. Identification of Disaster-prone areas; Disaster Vulnerability Mapping.	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
15.	Definitions, Meaning and Types of Disasters; Overview of Disasters across the World Natural Disasters and Manmade Calamities- Statistics, Degree of Damage, Frequency of Occurrences and Other Historical Facts Classification of Disasters in India by Predominant Types-Earthquake, Flood, Hurricanes, Fires Etc. Identification of Disaster-prone areas; Disaster Vulnerability Mapping.	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
16.	Disaster Preparedness, Response and Post Disaster	Lecture	CO1	Mid Term- 1, Quiz &

	Recovery and Rehabilitation Measures; Risk Mitigation and Risk Transfer • Technology for Rebuilding of Disaster Affected Areas • Psychological Impact on Disaster Victims • Risk Mitigation and Risk			End Sem Exam
17.	Transfer. Disaster Preparedness, Response and Post Disaster Recovery and Rehabilitation	Lecture	CO1	Mid Term- 1, Quiz & End Sem
	Measures; Risk Mitigation and Risk Transfer • Technology for Rebuilding of Disaster Affected Areas • Psychological Impact on Disaster Victims • Risk Mitigation and Risk Transfer.			Exam
18.	Disaster Preparedness, Response and Post Disaster Recovery and Rehabilitation Measures; Risk Mitigation and Risk Transfer • Technology for Rebuilding of Disaster Affected Areas • Psychological Impact on Disaster Victims • Risk Mitigation and Risk Transfer.	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
19.	Disaster Preparedness, Response and Post Disaster Recovery and Rehabilitation Measures; Risk Mitigation and Risk Transfer • Technology for Rebuilding of Disaster Affected Areas • Psychological Impact on Disaster Victims • Risk Mitigation and Risk Transfer.	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
20.	Disaster Preparedness, Response and Post Disaster Recovery and Rehabilitation Measures; Risk Mitigation and Risk Transfer	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam

		<u> </u>	1	
	 Technology for Rebuilding of Disaster Affected Areas Psychological Impact on Disaster Victims Risk Mitigation and Risk Transfer. 			
21.	Disaster Preparedness, Response and Post Disaster Recovery and Rehabilitation Measures; Risk Mitigation and Risk Transfer • Technology for Rebuilding of Disaster Affected Areas • Psychological Impact on Disaster Victims • Risk Mitigation and Risk Transfer.	Lecture	CO1	Mid Term- 2, Quiz & End Sem Exam
22.	Disaster Preparedness, Response and Post Disaster Recovery and Rehabilitation Measures; Risk Mitigation and Risk Transfer • Technology for Rebuilding of Disaster Affected Areas • Psychological Impact on Disaster Victims • Risk Mitigation and Risk Transfer.	Lecture	CO1	Mid Term- 2, Quiz & End Sem Exam
23.	Disaster Preparedness, Response and Post Disaster Recovery and Rehabilitation Measures; Risk Mitigation and Risk Transfer • Technology for Rebuilding of Disaster Affected Areas • Psychological Impact on Disaster Victims • Risk Mitigation and Risk Transfer.	Lecture	CO1	Mid Term- 2, Quiz & End Sem Exam
24.	Disaster Preparedness, Response and Post Disaster Recovery and Rehabilitation Measures; Risk Mitigation and Risk Transfer • Technology for Rebuilding of Disaster Affected Areas	Lecture	CO1	Mid Term- 2, Quiz & End Sem Exam

25.	 Psychological Impact on Disaster Victims Risk Mitigation and Risk Transfer. Disaster Preparedness, Response and Post Disaster Recovery and Rehabilitation Measures; Risk Mitigation and Risk Transfer Technology for Rebuilding of Disaster Affected Areas Psychological Impact on Disaster Victims Risk Mitigation and Risk Transfer. 	Lecture	CO1	Mid Term- 2, Quiz & End Sem Exam
26.	Disaster Preparedness, Response and Post Disaster Recovery and Rehabilitation Measures; Risk Mitigation and Risk Transfer • Technology for Rebuilding of Disaster Affected Areas • Psychological Impact on Disaster Victims • Risk Mitigation and Risk Transfer.	Lecture	CO1	Mid Term- 2, Quiz & End Sem Exam
27.	Disaster Preparedness, Response and Post Disaster Recovery and Rehabilitation Measures; Risk Mitigation and Risk Transfer • Technology for Rebuilding of Disaster Affected Areas • Psychological Impact on Disaster Victims • Risk Mitigation and Risk Transfer.	Lecture	CO1	Mid Term- 2, Quiz & End Sem Exam
28.	Disaster Preparedness, Response and Post Disaster Recovery and Rehabilitation Measures; Risk Mitigation and Risk Transfer • Technology for Rebuilding of Disaster Affected Areas • Psychological Impact on Disaster Victims • Risk Mitigation and	Lecture	CO1	Mid Term- 2, Quiz & End Sem Exam

	Risk Transfer.			
29.	Disaster Preparedness, Response and Post Disaster Recovery and Rehabilitation Measures; Risk Mitigation and Risk Transfer • Technology for Rebuilding of Disaster Affected Areas • Psychological Impact on Disaster Victims • Risk Mitigation and Risk Transfer.	Lecture	CO1	Mid Term- 2, Quiz & End Sem Exam
30.	Disaster Preparedness, Response and Post Disaster Recovery and Rehabilitation Measures; Risk Mitigation and Risk Transfer • Technology for Rebuilding of Disaster Affected Areas • Psychological Impact on Disaster Victims • Risk Mitigation and Risk Transfer.	Lecture	CO1	Mid Term- 2, Quiz & End Sem Exam
31.	 Recent Initiatives at International National and State Level; Kyoto Framework of Disaster Mitigation and Management; Disaster Management Policies and Act - National and States; Select Global Practices Forecasting and Early Warning Systems for Various Types of Disasters; Communication and Information Technology in Disaster Management Climate Change and Its Implications in Disaster Mitigation. 	Lecture	CO1	Mid Term- 2, Quiz & End Sem Exam
32.	• Recent Initiatives at International National and State Level; Kyoto Framework of Disaster Mitigation and Management; Disaster Management Policies and Act - National and States; Select Global Practices	Lecture	CO1	Mid Term- 2, Quiz & End Sem Exam

				
	 Forecasting and Early Warning Systems for Various Types of Disasters; Communication and Information Technology in Disaster Management Climate Change and Its Implications in Disaster Mitigation. 			
33.	 Recent Initiatives at International National and State Level; Kyoto Framework of Disaster Mitigation and Management; Disaster Management Policies and Act - National and States; Select Global Practices Forecasting and Early Warning Systems for Various Types of Disasters; Communication and Information Technology in Disaster Management Climate Change and Its Implications in Disaster Mitigation. 	Lecture	CO1	Mid Term- 2, Quiz & End Sem Exam
34.	 Recent Initiatives at International National and State Level; Kyoto Framework of Disaster Mitigation and Management; Disaster Management Policies and Act - National and States; Select Global Practices Forecasting and Early Warning Systems for Various Types of Disasters; Communication and Information Technology in Disaster Management Climate Change and Its Implications in Disaster Mitigation. 	Lecture	CO1	Mid Term- 2, Quiz & End Sem Exam
35.	Recent Initiatives at International National and State Level; Kyoto Framework of Disaster Mitigation and Management; Disaster Management Policies and Act -	Lecture	CO1	Mid Term- 2, Quiz & End Sem Exam

	National and States; Select			
	Global Practices • Forecasting and Early Warning Systems for Various Types of Disasters; Communication and Information Technology in			
	 Disaster Management Climate Change and Its Implications in Disaster Mitigation. 			
36.	 Recent Initiatives at International National and State Level; Kyoto Framework of Disaster Mitigation and Management; Disaster Management Policies and Act - National and States; Select Global Practices Forecasting and Early Warning Systems for Various Types of Disasters; Communication and Information Technology in Disaster Management Climate Change and Its Implications in Disaster Mitigation. 	Lecture	CO1	Mid Term- 2, Quiz & End Sem Exam
37.	 Recent Initiatives at International National and State Level; Kyoto Framework of Disaster Mitigation and Management; Disaster Management Policies and Act - National and States; Select Global Practices Forecasting and Early Warning Systems for Various Types of Disasters; Communication and Information Technology in Disaster Management Climate Change and Its Implications in Disaster Mitigation. 	Lecture	CO1	Quiz & End Sem Exam
38.	Recent Initiatives at International National and State Level; Kyoto Framework of Disaster Mitigation and Management; Disaster	Lecture	CO1	Quiz & End Sem Exam

	Management Policies and Act - National and States; Select Global Practices • Forecasting and Early Warning Systems for Various Types of Disasters; Communication and Information Technology in Disaster Management • Climate Change and Its Implications in Disaster			
39.	Mitigation. • Recent Initiatives at International National and State Level; Kyoto Framework of Disaster Mitigation and Management; Disaster Management Policies and Act - National and States; Select Global Practices • Forecasting and Early Warning Systems for Various Types of Disasters; Communication and Information Technology in Disaster Management • Climate Change and Its Implications in Disaster Mitigation.	Lecture	CO1	Quiz & End Sem Exam
40.	Recent Initiatives at International National and State Level; Kyoto Framework of Disaster Mitigation and Management; Disaster Management Policies and Act - National and States; Select Global Practices Forecasting and Early Warning Systems for Various Types of Disasters; Communication and Information Technology in Disaster Management Climate Change and Its Implications in Disaster Mitigation.	Lecture	CO1	Quiz & End Sem Exam
41.	 Recent Initiatives at International National and State Level; Kyoto Framework of Disaster Mitigation and 	Lecture	CO1	Quiz & End Sem Exam

	Management; Disaster			
	Management Policies and Act -			
	National and States; Select			
	Global Practices			
	Forecasting and Early Warning			
	Systems for Various Types of			
	Disasters; Communication and			
	Information Technology in			
	Disaster Management			
	Climate Change and Its			
	Implications in Disaster			
	Mitigation.			
42.	Recent Initiatives at	Lecture	CO1	Quiz &
	International National and State			End Sem
	Level; Kyoto Framework of			Exam
	Disaster Mitigation and			LAGIII
	Management; Disaster			
	Management Policies and Act -			
	National and States; Select			
	Global Practices			
	• Forecasting and Early Warning			
	Systems for Various Types of			
	Disasters; Communication and			
	Information Technology in			
	Disaster Management			
	Climate Change and Its			
	Implications in Disaster			
	Mitigation.			
43.	Recent Initiatives at	Lecture	CO1	Quiz &
	International National and State			End Sem
	Level; Kyoto Framework of			Exam
	Disaster Mitigation and			
	Management; Disaster			
	Management Policies and Act -			
	National and States; Select			
	Global Practices			
	Forecasting and Early Warning			
	Systems for Various Types of			
	Disasters; Communication and			
	Information Technology in			
	Disaster Management			
	Climate Change and Its			
	Implications in Disaster			
	Mitigation.			
44.	Recent Initiatives at	Lecture	CO1	Quiz &
	International National and State			End Sem
1	Level; Kyoto Framework of			Exam

	Discrete a Militaretia a sund			
	Disaster Mitigation and			
	Management; Disaster			
	Management Policies and Act -			
	National and States; Select			
	Global Practices			
	Forecasting and Early Warning			
	Systems for Various Types of			
	Disasters; Communication and			
	Information Technology in			
	Disaster Management			
	Climate Change and Its			
	Implications in Disaster			
	Mitigation.			
45.	Recent Initiatives at	Lecture	CO1	Quiz &
	International National and State			End Sem
	Level; Kyoto Framework of			Exam
	Disaster Mitigation and			
	Management; Disaster			
	Management Policies and Act -			
	National and States; Select			
	Global Practices			
	Forecasting and Early Warning			
	Systems for Various Types of			
	Disasters; Communication and			
	Information Technology in			
	Disaster Management			
	Climate Change and Its			
	Implications in Disaster			
	Mitigation.			

E. Course Articulation Matrix (Mapping of COs with POs)

СО	STATEMENT		COF	RREL		N W OUT(GRA	MMI	E			PRO	GRAM	ION V IME OUTCC		
		P	P											PS O4	PS	PS	PS	PS
		0	0	0	0	O 5	0 6	7	0 8	9	0	0	0	01	02	03	04	05
		_	_					,			0	1	2					
CO 01	The course is intended to provide a general concept in the dimensions of disasters caused by nature beyond the human control as well																	

as the disasters and									
environmental									
hazards induced by									
human activities with									
emphasis on disaster									
preparedness,									
response and									
recovery.									

Sample Question Paper

Amity School of Architecture & Planning I MID-SEMESTER (SEM –VI) 2021-22														
Class: BID VI Semester														
Subject Name: BID 605 Time: 2 Hrs Max. Marks: 10 Disaster management														
Levels of the questions as per Blooms Taxonomy	Remembering	Understanding	Applying	Analyz	zing	Evaluating	Creating							
Question Q.1,4 Q.2,3 Q.4 Q.2,5,6 Mapping ————————————————————————————————————														

Student will be able to

CO1: List the broad perceptive of cloud architecture and model. CO2: Apply different cloud programming models as per need.

CO Map	Question No.	Question	Marks
CO1	Q.1	Explain in brief the cloud computing concept.	3
CO1	Q.2a	What are the essential characteristics of cloud computing?	3
	Q.2b	How is cloud computing requirements and cloud servicerequirement services related to each other?	3
CO1	Q.3	Sketch NIST Cloud Computing Reference Architecture and depictits elements	6
CO2	Q.4	Explain the significance of Cloud Reference Model	3
CO2	Q.5a	Elaborate different cloud types with example.	3
CO2	Q.5b	Write characteristics of private cloud.	3
CO2	Q6	How virtualization is applied in cloud computing scenario?	6

Attainments		Rubric
Level	1	IF 60% of students secure more than 60% marks then level 1
Level	2	IF 70% of students secure more than 60% marks then level 2
Level	3	IF 80% of students secure more than 60% marks then level 3

Course outcome: Based on internal and external assessment the level of Course outcome attainment of the course BID/Course code BID 605 is level 2 for the academic year 2021-2022.

AMITY UNIVERSITY MADHYA PRADESH, GWALIOR AMITY SCHOOL OF ARCHITECTURE AND PLANNING DEPARTMENT OF ARCHITECTURE AND PLANNING

PROGRAMME OUTCOMES AND PROGRAMME SPECIFIC OUTCOMES Bachelor of Interior Design (BID), Academic Year – 2021-22

Program Outcomes:

- **PO1. Design Knowledge:** Incorporate a global perspective when making design decisions, based on sustainable, socio-economic, and cultural contexts.
- PO2. Problem Analysis: Apply theories of human behaviour to human-centered design solutions.
- **PO3.** Design/Development of Solutions: Apply the design process to generate creative solutions to complex problems optimizing the human experience within the interior environment. Apply theory, psychology, and methodology of color to designs of the interior environment.
- **PO4. Individual and Team Work:** Collaborate in multi-disciplinary teams respecting a variety of points of view and perspectives that enrich the process and product of the team.
- **PO5. Communication:** Communicate complex ideas clearly to specialists and non-specialists through appropriate oral, written, and representational media.
- **PO6. Life Long Learning:** Exemplify accepted standards of professionalism and business practice including a commitment to engage in lifelong learning.
- **PO7. Context and Society:** Analyze interiors, architecture, the decorative arts, and art within a historical and cultural context to inform contemporary design solutions that relate with the society for whom the design solution is to be provided.
- **PO8. Synthesis of Concepts:** Synthesize theories and concepts of spatial definition and organization into multi-dimensional design solutions.
- **PO9. Modern Technique usage:** Specify furniture, fixtures, and equipment's of finish materials to meet the design criteria for a variety of interior spaces.
- **PO10.** Environment and Sustainability: Apply principles of lighting, acoustics, thermal comfort, and indoor air quality as required to enhance the health, safety, welfare, and performance of building occupants for overall sustainable development of the individuals.
- PO11. Ethics: Comply with laws, codes, and standards that impact fire safety and life safety.

PO12. Project/Construction Management: Produce construction drawings and documents using industry standards for a variety of interior spaces. Employ environment-behaviour research methodologies to address open-ended problems in interior design.

Program Specific Outcome:

As part of the school's charter and mission, Amity School of Architecture and Planning is providing a vibrant planning environment, ensuring its under-graduates are not only valued by the planning practice, but are also able to:

PSO1. Demonstrate critical thinking as they identify, analyze, and solve interior architecture and design problems through completion of interior design studio projects. Apply creative and critical thinking to solve interior environment problems from a human-cantered approach and apply this knowledge to design solutions.

PSO2. Demonstrate preparation for global design practice by incorporating cultural norms of user populations and applying that knowledge to design solutions that support globally diverse end users.

PSO3. Demonstrate effective visual, verbal, and written communication.

PSO4. Apply ethical and professional practices.

PSO5. Demonstrate social responsibility by designing sustainable interior environments that support indoor environmental quality and improve the quality of life for occupants.

PSO6. Engage in integrative professional design practice by contributing interior architecture and design expertise to collaborative design teams.

Note: - Correlation levels 1, 2 and 3 as defined below:

1: Slight (Low), 2: Moderate (Medium) and 3: Substantial (High)

If there is no correlation, put "-"

	PROGRAMME ARTICULATION MATRIX SUBJECT PO PSO PS																				
SEM	SUBJECT CODE	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12	PO 13	PO 14	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5	PSO 6
	BID101	3	3	3	3	2	1	2	3	3	1	1	3	3	1	3	3	-	-	2	-
	BID102	2	2	3	2	2	1	-		1	2	2	2	-	1	1	3	-	-	-	-
	BID103	2	2	1	-	3	1	2	3	3	2	1	1	2	2	3	3	1	-	-	-
- 1	BID104	1	1	1	2	-	-	-	2	-	-	-	2	-	-	1	1	-	-	-	-
	BID105	3	2	3	2	1	1	2	3	1	2	-	3	-	1	3	3	-	-	2	-
	BID106	-	1	-	-	-	-	3	2	-	-	-	-	-	1	1	1	-	-	-	-
	BID107	3	2	3	3	1	1	3	-	3	3	-	3	2	3	3	3	3	-	-	-
	BID201	3	2	3	3	2	2	2	3	3	1	1	3	3	1	3	3	-	-	2	-
	BID202	3	-	3	2	2	2	-	1	1	1	3	3	2	1	1	2	-	-	-	-
	BID203	2	2	1	1	3	2	2	3	3	2	1	2	2	1	3	3	1	-	2	-
П	BID204	1	3	1	-	-	-	-	1	1	-	-	2	-	1	1	1	-	-	-	-
	BID205	1	-	3	3	1	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-
	BID206	1	1	-	-	-	-	3	3	3	-	-	-	-	-	1	3	-	-	-	-
	BID207	3	-	1	3	1	1	-	1	3	3	3	3	3	3	3	3	3	-	-	-
	BID301	3	3	3	3	2	2	2	3	3	1	1	2	3	1	3	3	-	-	2	-
	BID302	2	-	3	2	2	2	-	1	1	1	2	2	2	1	1	1	-	-	-	-
	BID303	2	2	2	2	-	3	2	-	1	-	-	-	2	-	1	1	-	-	-	-
Ш	BID304	3	3	-	-	3	-	-	3	3	-	-	-	-	-	1	1	-	-	-	-
	BID305	1	-	3	3	1	2	-	-	-	-	-	-	-	-	1	-	-	-	-	-
	BID306	1	1	-	-	2	-	3	3	3	-	-	-	-	-	-	-	-	-	-	-
	BID307	1	3	1	-	3	-	-	3	3	-	-	-	-	3	-	-	-	-	2	-
	BID401	3	3	3	3	2	2	2	3	3	2	1	2	3	1	3	3	-	-	2	-
	BID402	2	1	3	2	2	2	-	1	-	2	1	2	3	1	1	1	-	-	2	-
	BID403	2	2	2	3	1	2	1	1	-	-	-	-	2	-	3	1	-	-	2	-
IV	BID404	3	-	2	3	1	2	1	1	-	1	2	2	2	-	1	1	-	-	2	-
	BID405	3	1	1	1	1	1	-	3	3	3	2	2	1	1	3	3	-	-	-	-
	BID406	3	3	3	3	3	2	3	2	3	3	2	3	-	-	1	3	-	-	2	-
	BID407	3	2	3	3	2	2	2	2	3	3	-	-	-	1	1	3	-	-	-	-
	BID501	3	3	3	3	2	2	2	3	3	3	1	2	3	1	3	1	-	-	2	-
	BID502	2	1	3	2	2	2	1	1	-	1	1	2	3	1	1	1	-	-	-	-
V	BID503	2	1	2	3	-	3	1	1	-	-	3	-	2	3	3	1	-	-	2	-
V	BID504	2	1	1	3	-	3	-	-	-	-	3	-	2	3	3	1	-	-	2	-
	BID505	1	1	-	-	1	-	3	3	3	-	-	1	-	3	1	1	3	-	-	-
	BID506	3	3	3	3	2	2	3	3	2	3	3	3	3	1	3	3	-	-	2	-
	BID601	3	3	3	3	2	2	2	3	3	3	3	1	3	1	3	3	-	-	2	-
	BID602	1	-	3	3	2	2	2	3	3	-	2	1	-	-	3	3	3	-	-	-
	BID603	3	3	2	2	1	1	1	3	3	1	2	2	2	3	3	3	-	-	-	-
VI	BID604	3	2	3	3	2	2	2	3	3	3	2	3	3	-	3	3	-	-	2	-
	BID605	2	-	1	3	-	-	-	-	-	-	-	-	-	3	3	-	-	-	-	-
	BID606	3	2	3	3	1	2	2	3	3	-	3	-	-	-	3	2	-	-	-	-
	BID607	2	3	3	3	1	2	2	3	3	1	-	-	-	3	3	2	-	-	-	-
VII	BID701	3	3	3	3	2	3	1	3	2	1	-	3	3	3	3	ı	-	-	2	-
VIII	BID 801	3	3	3	3	2	2	2	3	3	1	3	2	3	3	3	3	-	-	2	-

			i						i											
BID 802	-	-	-	-	1	1	-	1	-	-	-	-	3	3	2	3	3	3	-	3
BID 803	1	-	2	1	1	2	-	2	1	-	1	-	2	3	2	1	2	-	-	-
BID 804	3	1	2	2	2	1	-	2	2	1	-	2	-	-	-	1	-	-	-	-
BID 805	1	3	1	1	2	1	2	1	2	1	1	-	2	1	2	-	-	-	-	-

DEPARTMENT OF ARCHITECTURE & PLANNING

Course Handout

Course: Intelligent Interiors

Course Code: BID 606, Crédits: 03, Session: 2021-22 (Even Sem.), Class: BID 3rd Year

Faculty Name: Ar. Manish Kumar Chitranshi

A. *Introduction:* The formal lecture material and also provide the student with case study, presentations & hands on skills. Participants are encouraged to engage in active interaction through classroom participation

Course Outcomes: CO1: The course provides an understanding of the latest technologies taken into consideration to build an intelligent building.

Programme Outcomes:

- **PO1. Design Knowledge:** Incorporate a global perspective when making design decisions, based on sustainable, socio-economic, and cultural contexts.
- **PO2. Problem Analysis:** Apply theories of human behaviour to human-centered design solutions.
- **PO3. Design/Development of Solutions:** Apply the design process to generate creative solutions to complex problems optimizing the human experience within the interior environment. Apply theory, psychology, and methodology of color to designs of the interior environment.
- **PO4. Individual and Team Work:** Collaborate in multi-disciplinary teams respecting a variety of points of view and perspectives that enrich the process and product of the team.
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- business practice including a commitment to engage in lifelong learning.
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- **PO11. Ethics:** Comply with laws, codes, and standards that impact fire safety and life safety.
- **PO12. Project/Construction Management:** Produce construction drawings and documents using industry standards for a variety of interior spaces. Employ environment-behaviour research methodologies to address open-ended problems in interior design.

A. Programme Specific Outcomes:

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- **PSO1.** Demonstrate critical thinking as they identify, analyze, and solve interior architecture and design problems through completion of interior design studio projects. Apply creative and critical thinking to solve interior environment problems from a human-cantered approach and apply this knowledge to design solutions.
- **PSO2.** Demonstrate preparation for global design practice by incorporating cultural norms of user populations and applying that knowledge to design solutions that support globally diverse end users.
- **PSO3.** Demonstrate effective visual, verbal, and written communication.
- **PSO4.** Apply ethical and professional practices.
- **PSO5.** Demonstrate social responsibility by designing sustainable interior environments that support indoor environmental quality and improve the quality of life for occupants.

PSO6. Engage in integrative professional design practice by contributing interior architecture and design expertise to collaborative design teams.

Assessment Plan:

Component	Description	Code	Weightage
of Evaluation			%
Continuous Internal	Mid Term	СТ	10%
Evaluation	Seminar/Quiz/	S/Q/A	15%
	Assignment		
Attendance	A minimum of 75%	Α	5%
	Attendance is required to be		
	maintained by a studentto be		
	qualified for taking up the End		
	Semester examination. The		
	allowance of 25% includes all		
	types of leaves		
	including medical leaves.		
End Semester	End Semester	EE	70%
Examination	(END EXAM)		
Total			100%

B. Syllabus

Module I: Introduction

Descriptors/Topics

Introduction to the electronic aspects of an intelligent building.

Module II: Energy Efficiency

Descriptors/Topics

Intelligent interiors consist of energy use to the minimum with computerized system.

Module III: Life Safety Systems

Descriptors/Topics

Intelligent interior consists of the use of high technology to maximize the performance of fire alarms and security systems while at the same time minimizing costs.

Module IV: Telecommunication Systems

Descriptors/Topics

Intelligent interior consists of the use of high technology to maximize the performance of fire alarms and security systems while at the same time minimizing costs.

Module V: Workplace automation

Descriptors/Topics

Intelligence with respect to workplace automation in an intelligent interior consists of the use of high – tech office automation systems to render the operation of a company more efficient. This can be done at a reduced cost to tenants by virtue of the equipment being shared.

Examination Scheme:

Components	Attendance	Mid-Term	Assignment	EE
Weightage (%)	5	10	15	70

CT: Class Test, A: Assignment, S/V/Q: Seminar/Viva/Quiz, EE: End Semester Examination; A: Attendance

C. Suggested Text/Reference Books:

Text Reading:

- Drywall (Pro Tips for Hanging & Finishing), John D. Wagner
- Graphic Interiors (Space Designed by Graphic Artists), Corina Dean
- Interior design illustrated, Francis D.K. Ching
- Graphic Interiors (Space Designed by Graphic Artists), Corina Dean

References:

- A.J. Metric Handbook, Jan Bilwa and Leslie Fair weather
- Architectural Graphic standards, Boaz Joseph
- The Curtain Book, Mitchll Beazlty
- Illustration + Perspectives (In Pantone Colors), Eiji Mitooka

Lecture Plan

Lecture	Topics	Mode of Delivery	Correspon ding CO	Mode of Assessing CO
1.	Introduction to the electronic	Lecture	CO1	Mid Term-
	aspects of an intelligent			1, Quiz &
	building.			End Sem

				Exam
2.	Introduction to the	Lecture	CO1	Mid Term-
	electronic aspects of an			1, Quiz &
	intelligent building.			End Sem
				Exam
3.	Introduction to the	Lecture	CO1	Mid Term-
	electronic aspects of an		332	1, Quiz &
	intelligent building.			End Sem
	mtemberit sanama.			Exam
4.	Introduction to the electronic	Lecture	CO1	Mid Term-
	aspects of an intelligent		332	1, Quiz &
	building.			End Sem
	bunung.			Exam
5.	Introduction to the	Lecture	CO1	Mid Term-
J .	electronic aspects of an	Lecture	661	1, Quiz &
	intelligent building.			End Sem
	mitemgent banding.			Exam
6.	Introduction to the	Lecture	CO1	Mid Term-
0.	electronic aspects of an	Lecture	661	1, Quiz &
	intelligent building.			End Sem
	mtemgent sanamg.			Exam
7.	Introduction to the	Lecture	CO1	Mid Term-
	electronic aspects of an		332	1, Quiz &
	intelligent building.			End Sem
	intelligent bunding.			Exam
8.	Introduction to the	Lecture	CO1	Mid Term-
	electronic aspects of an			1, Quiz &
	intelligent building.			End Sem
				Exam
9.	Introduction to the	Lecture	CO1	Mid Term-
	electronic aspects of an			1, Quiz &
	intelligent building.			End Sem
				Exam
10.	Intelligent interiors consist of	Lecture	CO1	Mid Term-
	energy use to the minimum			1, Quiz &
	with computerized system.			End Sem
				Exam
11.	Intelligent interiors consist of	Lecture	CO1	Mid Term-
	energy use to the minimum			1, Quiz &
	with computerized system.			End Sem
				Exam
12.	Intelligent interiors consist	Lecture	CO1	Mid Term-
	of energy use to the			1, Quiz &
	minimum with			End Sem
	computerized system.			Exam
13.	Intelligent interiors consist	Lecture	CO1	Mid Term-

	of anargy use to the			1 Oui- 9
	of energy use to the			1, Quiz &
	minimum with			End Sem
	computerized system.			Exam
14.	Intelligent interiors consist	Lecture	CO1	Mid Term-
	of energy use to the			1, Quiz &
	minimum with			End Sem
	computerized system.			Exam
15.	Intelligent interiors consist	Lecture	CO1	Mid Term-
	of energy use to the			1, Quiz &
	minimum with			End Sem
	computerized system.			Exam
16.	Intelligent interiors consist of	Lecture	CO1	Mid Term-
	energy use to the minimum			1, Quiz &
	with computerized system.			End Sem
				Exam
17.	Intelligent interiors consist	Lecture	CO1	Mid Term-
	of energy use to the			1, Quiz &
	minimum with			End Sem
	computerized system.			Exam
18.	Intelligent interiors consist	Lecture	CO1	Mid Term-
	of energy use to the			1, Quiz &
	minimum with			End Sem
	computerized system.			Exam
19.	Intelligent interior consists of	Lecture	CO1	Mid Term-
	the use of high technology to			1, Quiz &
	maximize the performance of			End Sem
	fire alarms and security systems			Exam
	while at the same time			
	minimizing costs.			
20.	Intelligent interior consists of	Lecture	CO1	Mid Term-
	the use of high technology to			1, Quiz &
	maximize the performance of			End Sem
	fire alarms and security systems			Exam
	while at the same time			
	minimizing costs.			
21.	Intelligent interior consists	Lecture	CO1	Mid Term-
	of the use of high			2, Quiz &
	technology to maximize the			End Sem
	performance of fire alarms			Exam
	and security systems while			
	at the same time			
	minimizing costs.			
22.	Intelligent interior consists	Lecture	CO1	Mid Term-
	of the use of high			2, Quiz &
	technology to maximize the			End Sem
	performance of fire alarms			Exam
	1	I.		1

	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			
	and security systems while			
	at the same time			
	minimizing costs.			
23.	Intelligent interior consists	Lecture	CO1	Mid Term-
	of the use of high			2, Quiz &
	technology to maximize the			End Sem
	performance of fire alarms			Exam
	and security systems while			
	at the same time			
	minimizing costs.			
24.	Intelligent interior consists	Lecture	CO1	Mid Term-
	of the use of high			2, Quiz &
	technology to maximize the			End Sem
	performance of fire alarms			Exam
	and security systems while			
	at the same time			
	minimizing costs.			
25.	Intelligent interior consists of	Lecture	CO1	Mid Term-
	the use of high technology to			2, Quiz &
	maximize the performance of			End Sem
	fire alarms and security systems			Exam
	while at the same time			LAGIII
	minimizing costs.			
26.	Intelligent interior consists	Lecture	CO1	Mid Term-
20.	of the use of high	Lecture	CO1	2, Quiz &
	technology to maximize the			End Sem
	performance of fire alarms			Exam
	and security systems while			LAGIII
	at the same time			
27	minimizing costs.	Locture	CO1	Mid Torm
27.	Intelligent interior consists	Lecture	CO1	Mid Term-
	of the use of high			2, Quiz &
	technology to maximize the			End Sem
	performance of fire alarms			Exam
	and security systems while			
	at the same time			
	minimizing costs.			–
28.	Intelligent interior consists of	Lecture	CO1	Mid Term-
	the use of high technology to			2, Quiz &
	maximize the performance of			End Sem
	fire alarms and security systems			Exam
	while at the same time			
	minimizing costs.			
29.	Intelligent interior consists	Lecture	CO1	Mid Term-
	of the use of high			2, Quiz &
	technology to maximize the			End Sem

				1_
	performance of fire alarms			Exam
	and security systems while			
	at the same time			
	minimizing costs.			
30.	Intelligent interior consists	Lecture	CO1	Mid Term-
	of the use of high			2, Quiz &
	technology to maximize the			End Sem
	performance of fire alarms			Exam
	and security systems while			
	at the same time			
	minimizing costs.			
31.	Intelligent interior consists of	Lecture	CO1	Mid Term-
01.	the use of high technology to	2000010		2, Quiz &
	maximize the performance of			End Sem
	fire alarms and security systems			Exam
	while at the same time			LXIII
	minimizing costs.			
32.	Intelligent interior consists	Lecture	CO1	Mid Term-
52.	of the use of high	Lecture		2, Quiz &
	technology to maximize the			End Sem
	performance of fire alarms			Exam
	and security systems while			LXaIII
	at the same time			
22	minimizing costs.	11	604	NA'-LT
33.	Intelligent interior consists	Lecture	CO1	Mid Term-
	of the use of high			2, Quiz &
	technology to maximize the			End Sem
	performance of fire alarms			Exam
	and security systems while			
	at the same time			
	minimizing costs.			
34.	Intelligent interior consists	Lecture	CO1	Mid Term-
	of the use of high			2, Quiz &
	technology to maximize the			End Sem
	performance of fire alarms			Exam
	and security systems while			
	at the same time			
	minimizing costs.			
35.	Intelligent interior consists of	Lecture	CO1	Mid Term-
	the use of high technology to			2, Quiz &
	maximize the performance of			End Sem
	fire alarms and security systems			Exam
	while at the same time			
	minimizing costs.			
36.	Intelligent interior consists	Lecture	CO1	Mid Term-
	of the use of high			2, Quiz &
	<u>. </u>	<u> </u>	1	,

	technology to maximize the			End Sem
	performance of fire alarms			Exam
	and security systems while			
	at the same time			
	minimizing costs.			
37.	Intelligence with respect to	Lecture	CO1	Quiz &
	workplace automation in an			End Sem
	intelligent interior consists of			Exam
	the use of high – tech office			
	automation systems to render			
	the operation of a company			
	more efficient. This can be done			
	at a reduced cost to tenants by			
	virtue of the equipment being			
30	shared.	Lastina	601	Out- 0
38.	Intelligence with respect to	Lecture	CO1	Quiz &
	workplace automation in			End Sem
	an intelligent interior			Exam
	consists of the use of high –			
	tech office automation			
	systems to render the			
	operation of a company more efficient. This can be			
	done at a reduced cost to			
	tenants by virtue of the			
20	equipment being shared.	Lookiino	CO1	O.::- 0
39.	Intelligence with respect to	Lecture	CO1	Quiz & End Sem
	workplace automation in an intelligent interior			
				Exam
	consists of the use of high – tech office automation			
	systems to render the			
	operation of a company more efficient. This can be			
	done at a reduced cost to			
	tenants by virtue of the			
	1			
40	equipment being shared.	Locturo	CO1	Ouiz 8
40.	Intelligence with respect to	Lecture	CO1	Quiz & End Sem
	workplace automation in an			
	intelligent interior consists of the use of high – tech office			Exam
	automation systems to render			
	the operation of a company			
	more efficient. This can be done			
	at a reduced cost to tenants by			
	at a reduced cost to tenants by			

	virtue of the equipment being			
	shared.			
41.	Intelligence with respect to	Lecture	CO1	Quiz &
	workplace automation in			End Sem
	an intelligent interior			Exam
	consists of the use of high –			
	tech office automation			
	systems to render the			
	operation of a company			
	more efficient. This can be			
	done at a reduced cost to			
	tenants by virtue of the			
	equipment being shared.			
42.	Intelligence with respect to	Lecture	CO1	Quiz &
	workplace automation in			End Sem
	an intelligent interior			Exam
	consists of the use of high –			
	tech office automation			
	systems to render the			
	operation of a company			
	more efficient. This can be			
	done at a reduced cost to			
	tenants by virtue of the			
	equipment being shared.			
43.	Intelligence with respect to	Lecture	CO1	Quiz &
	workplace automation in			End Sem
	an intelligent interior			Exam
	consists of the use of high –			
	tech office automation			
	systems to render the			
	operation of a company			
	more efficient. This can be done at a reduced cost to			
	tenants by virtue of the			
44.	equipment being shared. Intelligence with respect to	Lecture	CO1	Ouiz 8.
44.	workplace automation in	Lecture	COI	Quiz & End Sem
	an intelligent interior			Exam
	consists of the use of high –			LAGIII
	tech office automation			
	systems to render the			
	operation of a company			
	more efficient. This can be			
	done at a reduced cost to			
	tenants by virtue of the			
	equipment being shared.			
	equipinent being shared.			

45.	Intelligence with respect to	Lecture	CO1	Quiz &
	workplace automation in			End Sem
	an intelligent interior			Exam
	consists of the use of high –			
	tech office automation			
	systems to render the			
	operation of a company			
	more efficient. This can be			
	done at a reduced cost to			
	tenants by virtue of the			
	equipment being shared.			

D. Course Articulation Matrix (Mapping of COs with POs)

СО	STATEMENT		CORRELATION WITH PROGRAMME OUTCOMES							CORRELATION WITH PROGRAMME SPECIFIC OUTCOMES								
		P O 1	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0						PS O2	PS O3	PS 04	PS 05						
CO 01	The course provides an understanding of the latest technologies taken into consideration to build an intelligent building.										0	1	2					

Sample Question Paper

	Amity School of Architecture & Planning I MID-SEMESTER (SEM –VI) 2021-22									
	Class: BID VI Semester									
	Subject Name: BID 606 Time: 2 Hrs Max. Marks: 10 Intelligent Interiors									
Levels of the questions as per Blooms Taxonomy Remembering Understanding Applying Analyzing Evaluating Creati										
Question Mapping	Question Q.1,4 Q.2,3 Q.4 Q.2,5,6									

Student will be able to

CO1: List the broad perceptive of cloud architecture and model. CO2: Apply different cloud programming models as per need.

coziniphi america bioda programmi gimodelo do per mecar							
CO Map	Question No.	Question	Marks				
CO1	Q.1	Explain in brief the cloud computing concept.	3				
CO1	Q.2a	What are the essential characteristics of cloud computing?	3				
	Q.2b	How is cloud computing requirements and cloud servicerequirement services related to each other?	3				
CO1	Q.3	Sketch NIST Cloud Computing Reference Architecture and depictits elements	6				
CO2	Q.4	Explain the significance of Cloud Reference Model	3				
603	Q.5a	Elaborate different cloud types with example.	3				
CO2	Q.5b	Write characteristics of private cloud.	3				
CO2	Q 6	How virtualization is applied in cloud computing	6				

Attainments		Rubric
Level	1	IF 60% of students secure more than 60% marks then level 1
Level	2	IF 70% of students secure more than 60% marks then level 2
Level	3	IF 80% of students secure more than 60% marks then level 3

scenario?

Course outcome: Based on internal and external assessment the level of Course outcome attainment of the course BID/Course code BID 606 is level 2 for the academic year 2021-2022.



AMITY UNIVERSITY MADHYA PRADESH, GWALIOR AMITY SCHOOL OF ARCHITECTURE AND PLANNING DEPARTMENT OF ARCHITECTURE AND PLANNING

PROGRAMME OUTCOMES AND PROGRAMME SPECIFIC OUTCOMES Bachelor of Interior Design (BID), Academic Year – 2021-22

Program Outcomes:

- **PO1. Design Knowledge:** Incorporate a global perspective when making design decisions, based on sustainable, socio-economic, and cultural contexts.
- PO2. Problem Analysis: Apply theories of human behaviour to human-centered design solutions.
- **PO3.** Design/Development of Solutions: Apply the design process to generate creative solutions to complex problems optimizing the human experience within the interior environment. Apply theory, psychology, and methodology of color to designs of the interior environment.
- **PO4. Individual and Team Work:** Collaborate in multi-disciplinary teams respecting a variety of points of view and perspectives that enrich the process and product of the team.
- **PO5. Communication:** Communicate complex ideas clearly to specialists and non-specialists through appropriate oral, written, and representational media.
- **PO6. Life Long Learning:** Exemplify accepted standards of professionalism and business practice including a commitment to engage in lifelong learning.
- **PO7. Context and Society:** Analyze interiors, architecture, the decorative arts, and art within a historical and cultural context to inform contemporary design solutions that relate with the society for whom the design solution is to be provided.
- **PO8. Synthesis of Concepts:** Synthesize theories and concepts of spatial definition and organization into multi-dimensional design solutions.
- **PO9. Modern Technique usage:** Specify furniture, fixtures, and equipment's of finish materials to meet the design criteria for a variety of interior spaces.
- **PO10.** Environment and Sustainability: Apply principles of lighting, acoustics, thermal comfort, and indoor air quality as required to enhance the health, safety, welfare, and performance of building occupants for overall sustainable development of the individuals.
- PO11. Ethics: Comply with laws, codes, and standards that impact fire safety and life safety.

PO12. Project/Construction Management: Produce construction drawings and documents using industry standards for a variety of interior spaces. Employ environment-behaviour research methodologies to address open-ended problems in interior design.

Program Specific Outcome:

As part of the school's charter and mission, Amity School of Architecture and Planning is providing a vibrant planning environment, ensuring its under-graduates are not only valued by the planning practice, but are also able to:

PSO1. Demonstrate critical thinking as they identify, analyze, and solve interior architecture and design problems through completion of interior design studio projects. Apply creative and critical thinking to solve interior environment problems from a human-cantered approach and apply this knowledge to design solutions.

PSO2. Demonstrate preparation for global design practice by incorporating cultural norms of user populations and applying that knowledge to design solutions that support globally diverse end users.

PSO3. Demonstrate effective visual, verbal, and written communication.

PSO4. Apply ethical and professional practices.

PSO5. Demonstrate social responsibility by designing sustainable interior environments that support indoor environmental quality and improve the quality of life for occupants.

PSO6. Engage in integrative professional design practice by contributing interior architecture and design expertise to collaborative design teams.

Note: - Correlation levels 1, 2 and 3 as defined below:

1: Slight (Low), 2: Moderate (Medium) and 3: Substantial (High)

If there is no correlation, put "-"

						P	ROG	RAN	1ME	ARTI	CULA	TIOI	N MA	ATRIX	(
SEM	SUBJECT CODE	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12	PO 13	PO 14	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5	PSO 6
	BID101	3	3	3	3	2	1	2	3	3	1	1	3	3	1	3	3	-	-	2	-
	BID102	2	2	3	2	2	1	-		1	2	2	2	-	1	1	3	-	-	-	-
	BID103	2	2	1	-	3	1	2	3	3	2	1	1	2	2	3	3	1	-	-	-
- 1	BID104	1	1	1	2	-	-	-	2	-	-	-	2	-	-	1	1	-	-	-	-
	BID105	3	2	3	2	1	1	2	3	1	2	-	3	-	1	3	3	-	-	2	-
	BID106	-	1	-	-	-	-	3	2	-	-	-	-	-	1	1	1	-	-	-	-
	BID107	3	2	3	3	1	1	3	-	3	3	-	3	2	3	3	3	3	-	-	-
	BID201	3	2	3	3	2	2	2	3	3	1	1	3	3	1	3	3	-	-	2	-
	BID202	3	-	3	2	2	2	-	1	1	1	3	3	2	1	1	2	-	-	-	-
	BID203	2	2	1	1	3	2	2	3	3	2	1	2	2	1	3	3	1	-	2	-
П	BID204	1	3	1	-	-	-	-	1	1	-	-	2	-	1	1	1	-	-	-	-
	BID205	1	-	3	3	1	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-
	BID206	1	1	-	-	-	-	3	3	3	-	-	-	-	-	1	3	-	-	-	-
	BID207	3	-	1	3	1	1	-	1	3	3	3	3	3	3	3	3	3	-	-	-
	BID301	3	3	3	3	2	2	2	3	3	1	1	2	3	1	3	3	-	-	2	-
	BID302	2	-	3	2	2	2	-	1	1	1	2	2	2	1	1	1	-	-	-	-
	BID303	2	2	2	2	-	3	2	-	1	-	-	-	2	-	1	1	-	-	-	-
Ш	BID304	3	3	-	-	3	-	-	3	3	-	-	-	-	-	1	1	-	-	-	-
	BID305	1	-	3	3	1	2	-	-	-	-	-	-	-	-	1	-	-	-	-	-
	BID306	1	1	-	-	2	-	3	3	3	-	-	-	-	-	-	-	-	-	-	-
	BID307	1	3	1	-	3	-	-	3	3	-	-	-	-	3	-	-	-	-	2	-
	BID401	3	3	3	3	2	2	2	3	3	2	1	2	3	1	3	3	-	-	2	-
	BID402	2	1	3	2	2	2	-	1	-	2	1	2	3	1	1	1	-	-	2	-
	BID403	2	2	2	3	1	2	1	1	-	-	-	-	2	-	3	1	-	-	2	-
IV	BID404	3	-	2	3	1	2	1	1	-	1	2	2	2	-	1	1	-	-	2	-
	BID405	3	1	1	1	1	1	-	3	3	3	2	2	1	1	3	3	-	-	-	-
	BID406	3	3	3	3	3	2	3	2	3	3	2	3	-	-	1	3	-	-	2	-
	BID407	3	2	3	3	2	2	2	2	3	3	-	-	-	1	1	3	-	-	-	-
	BID501	3	3	3	3	2	2	2	3	3	3	1	2	3	1	3	1	-	-	2	-
	BID502	2	1	3	2	2	2	1	1	-	1	1	2	3	1	1	1	-	-	-	-
V	BID503	2	1	2	3	-	3	1	1	-	-	3	-	2	3	3	1	-	-	2	-
V	BID504	2	1	1	3	-	3	-	-	-	-	3	-	2	3	3	1	-	-	2	-
	BID505	1	1	-	-	1	-	3	3	3	-	-	1	-	3	1	1	3	-	-	-
	BID506	3	3	3	3	2	2	3	3	2	3	3	3	3	1	3	3	-	-	2	-
	BID601	3	3	3	3	2	2	2	3	3	3	3	1	3	1	3	3	-	-	2	-
	BID602	1	-	3	3	2	2	2	3	3	-	2	1	-	-	3	3	3	-	-	-
	BID603	3	3	2	2	1	1	1	3	3	1	2	2	2	3	3	3	-	-	-	-
VI	BID604	3	2	3	3	2	2	2	3	3	3	2	3	3	-	3	3	-	-	2	-
	BID605	2	-	1	3	-	-	-	-	-	-	-	-	-	3	3	-	-	-	-	-
	BID606	3	2	3	3	1	2	2	3	3	-	3	-	-	-	3	2	-	-	-	-
	BID607	2	3	3	3	1	2	2	3	3	1	-	-	-	3	3	2	-	-	-	-
VII	BID701	3	3	3	3	2	3	1	3	2	1	-	3	3	3	3	ı	-	-	2	-
VIII	BID 801	3	3	3	3	2	2	2	3	3	1	3	2	3	3	3	3	-	-	2	-

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BID 802	-	-	-	-	1	1	-	1	-	-	-	-	3	3	2	3	3	3	-	3
BID 803	1	-	2	1	1	2	-	2	1	-	1	-	2	3	2	1	2	-	-	-
BID 804	3	1	2	2	2	1	-	2	2	1	-	2	-	-	-	1	-	-	-	-
BID 805	1	3	1	1	2	1	2	1	2	1	1	-	2	1	2	-	-	-	-	-

DEPARTMENT OF ARCHITECTURE & PLANNING

Course Handout

Course: Exhibition Design

Course Code: BID 607, Crédits: 03, Session: 2021-22 (Even Sem.), Class: BID 3rd Year

Faculty Name: Ar. Manish Kumar Chitranshi

A. Introduction: The formal lecture material and also provide the student with case study, presentations & hands on skills. Participants are encouraged to engage in active interaction through classroom participation.

Course Outcomes: CO1: Students with an understanding for planning of built or open spaces to provide an appropriate environment for communication, and to create a contextual / experience that supports communication / interpretation of ideas to audiences by creating a multimodal and multisensory experience.

Programme Outcomes:

- **PO1. Design Knowledge:** Incorporate a global perspective when making design decisions, based on sustainable, socio-economic, and cultural contexts.
- **PO2. Problem Analysis:** Apply theories of human behaviour to human-centered design solutions.
- **PO3. Design/Development of Solutions:** Apply the design process to generate creative solutions to complex problems optimizing the human experience within the interior environment. Apply theory, psychology, and methodology of color to designs of the interior environment.
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- PO5. Communication: Communicate complex ideas clearly to specialists and non-

- specialists through appropriate oral, written, and representational media.
- **PO6. Life Long Learning:** Exemplify accepted standards of professionalism and business practice including a commitment to engage in lifelong learning.
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A. Programme Specific Outcomes:

As part of the school's charter and mission, Amity School of Architecture and Planning is providing a vibrant planning environment, ensuring its undergraduates are not only valued by the planning practice, but are also able to:

- **PSO1.** Demonstrate critical thinking as they identify, analyze, and solve interior architecture and design problems through completion of interior design studio projects. Apply creative and critical thinking to solve interior environment problems from a human-cantered approach and apply this knowledge to design solutions.
- **PSO2.** Demonstrate preparation for global design practice by incorporating cultural norms of user populations and applying that knowledge to design solutions that support globally diverse end users.
- **PSO3.** Demonstrate effective visual, verbal, and written communication.
- **PSO4.** Apply ethical and professional practices.
- **PSO5.** Demonstrate social responsibility by designing sustainable interior

environments that support indoor environmental quality and improve the quality of life for occupants.

PSO6. Engage in integrative professional design practice by contributing interior architecture and design expertise to collaborative design teams.

Assessment Plan:

Component	Description	Code	Weightage
of Evaluation			%
Continuous Internal	Mid Term	СТ	10%
Evaluation	Seminar/Quiz/ Assignment	S/Q/A	15%
Attendance	A minimum of 75% Attendance is required to be maintained by a studentto be qualified for taking up the End Semester examination. The allowance of 25% includes all types of leaves including medical leaves.	A	5%
End Semester Examination	End Semester (END EXAM)	EE	70%
Total			100%

B. Syllabus

Module I: Design Thinking

Descriptors/Topics

Students will learn design principles and how to apply them to an actual exhibition space to transform the space into one that reflects and emphasizes the themes developed during Project Development Assignments.

Module II: Graphic Design

Descriptors/Topics

Graphic design interweaves with architecture, enhancing the experience of the building as a whole. By incorporating workflows, indoor climate, and organizational culture into the design.

Module III: Visual merchandising

Descriptors/Topics

The students are taught about topics like the layout of retail space, space assignment, product grouping, colors, lighting, elements of a window display, visual communication and presentation methods. Along with learning about the current trends in merchandising, the students understand that how can they analyze, identify and modify elements that help in better branding.

Module IV: Retail & Branding

Descriptors/Topics

Identify the critical information needed to develop a product and brand strategy that generates both quick-wins and long-term value.

Examination Scheme:

Components	Attendance	Mid-Term	Assignment	EE
Weightage (%)	5	10	15	70

CT: Class Test, A: Assignment, S/V/Q: Seminar/Viva/Quiz, EE: End Semester Examination; A: Attendance

C. Suggested Text/Reference Books:

Text Reading:

- Retail Marketing and Branding: A Definitive Guide to Maximizing ROI: by Dennis Spillecke and Jesko Perrey
- Visual Merchandising: Windows and In-Store Displays for Retail by Tony Morgan
- Visual Merchandising by Released October 2011 Publisher(s): Laurence King
- Logo Modernism by Jens Müller
- Steal Like an Artist: 10 Things Nobody Told You About Being Creative By Austin Kleon.

References:

- Visual Merchandising
- Steal Like an Artist

Lecture Plan

Lecture	Topics	Mode	Correspon	Mode of
		of	ding CO	Assessing
		Delivery		СО

	Ct. de de 2011	11	604	NAC-LT
1.	Students will learn design principles and how to apply them to an actual exhibition space to transform the space into one that reflects and emphasizes the themes developed during Project Development Assignments.	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
2.	Students will learn design principles and how to apply them to an actual exhibition space to transform the space into one that reflects and emphasizes the themes developed during Project Development Assignments.	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
3.	Students will learn design principles and how to apply them to an actual exhibition space to transform the space into one that reflects and emphasizes the themes developed during Project Development Assignments.	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
4.	Students will learn design principles and how to apply them to an actual exhibition space to transform the space into one that reflects and emphasizes the themes developed during Project Development Assignments.	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
5.	Students will learn design principles and how to apply them to an actual exhibition space to transform the space into one that reflects and emphasizes the themes developed during Project Development Assignments.	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
6.	Students will learn design principles and how to apply them to an actual	Lecture	CO1	Mid Term- 1, Quiz & End Sem

		1	1	
	exhibition space to			Exam
	transform the space into			
	one that reflects and			
	emphasizes the themes			
	developed during Project			
	Development Assignments.			
7.	Students will learn design	Lecture	CO1	Mid Term-
	principles and how to apply			1, Quiz &
	them to an actual			End Sem
	exhibition space to			Exam
	transform the space into			
	one that reflects and			
	emphasizes the themes			
	developed during Project			
	Development Assignments.			
8.	Students will learn design	Lecture	CO1	Mid Term-
0.	principles and how to apply	Lecture		1, Quiz &
	them to an actual			End Sem
				Exam
	exhibition space to			EXAIII
	transform the space into			
	one that reflects and			
	emphasizes the themes			
	developed during Project			
	Development Assignments.			–
9.	Students will learn design	Lecture	CO1	Mid Term-
	principles and how to apply			1, Quiz &
	them to an actual			End Sem
	exhibition space to			Exam
	transform the space into			
	one that reflects and			
	emphasizes the themes			
	developed during Project			
	Development Assignments.			
10.	Students will learn design	Lecture	CO1	Mid Term-
	principles and how to apply			1, Quiz &
	them to an actual			End Sem
	exhibition space to			Exam
	transform the space into			
	one that reflects and			
	emphasizes the themes			
	developed during Project			
	Development Assignments.			
11.	Graphic design interweaves	Lecture	CO1	Mid Term-
	with architecture, enhancing			1, Quiz &
	the experience of the building			End Sem
	as a whole. By incorporating			Exam
Ī	as a windle. by incorporating	1		LAUIII

	workflows, indoor climate, and			
	organizational culture into the			
	design.			
12.	Graphic design interweaves	Lecture	CO1	Mid Term-
	with architecture,			1, Quiz &
	enhancing the experience			End Sem
	of the building as a whole.			Exam
	By incorporating			
	workflows, indoor climate,			
	and organizational culture			
	into the design.			
13.	Graphic design interweaves	Lecture	CO1	Mid Term-
	with architecture,			1, Quiz &
	enhancing the experience			End Sem
	of the building as a whole.			Exam
	By incorporating			
	workflows, indoor climate,			
	and organizational culture			
	into the design.			
14.	Graphic design interweaves	Lecture	CO1	Mid Term-
	with architecture,			1, Quiz &
	enhancing the experience			End Sem
	of the building as a whole.			Exam
	By incorporating			
	workflows, indoor climate,			
	and organizational culture			
	into the design.			
15.	Graphic design interweaves	Lecture	CO1	Mid Term-
	with architecture,			1, Quiz &
	enhancing the experience			End Sem
	of the building as a whole.			Exam
	By incorporating			
	workflows, indoor climate,			
	and organizational culture			
	into the design.			
16.	Graphic design interweaves	Lecture	CO1	Mid Term-
	with architecture, enhancing			1, Quiz &
	the experience of the building			End Sem
	as a whole. By incorporating			Exam
	workflows, indoor climate, and			
	organizational culture into the			
	design.			–
17.	Graphic design interweaves	Lecture	CO1	Mid Term-
	with architecture,			1, Quiz &
	enhancing the experience			End Sem
	of the building as a whole.			Exam

18.	By incorporating workflows, indoor climate, and organizational culture into the design. Graphic design interweaves with architecture, enhancing the experience of the building as a whole. By incorporating workflows, indoor climate, and organizational culture	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
19.	into the design. Graphic design interweaves with architecture, enhancing the experience of the building as a whole. By incorporating workflows, indoor climate, and organizational culture into the design.	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
20.	The students are taught about topics like the layout of retail space, space assignment, product grouping, colors, lighting, elements of a window display, visual communication and presentation methods. Along with learning about the current trends in merchandising, the students understand that how can they analyze, identify and modify elements that help in better branding.	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
21.	The students are taught about topics like the layout of retail space, space assignment, product grouping, colors, lighting, elements of a window display, visual communication and presentation methods. Along with learning about the current trends in merchandising, the	Lecture	CO1	Mid Term- 2, Quiz & End Sem Exam

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	students understand that			
	how can they analyze,			
	identify and modify			
	elements that help in			
	better branding.			
22.	The students are taught	Lecture	CO1	Mid Term-
	about topics like the layout			2, Quiz &
	of retail space, space			End Sem
	assignment, product			Exam
	grouping, colors, lighting,			
	elements of a window			
	display, visual			
	communication and			
	presentation methods.			
	Along with learning about			
	the current trends in			
	merchandising, the students understand that			
	how can they analyze,			
	identify and modify			
	elements that help in			
	better branding.	_		
23.	The students are taught	Lecture	CO1	Mid Term-
	about topics like the layout			2, Quiz &
	of retail space, space			End Sem
	assignment, product			Exam
	grouping, colors, lighting,			
	elements of a window			
	display, visual			
	communication and			
	presentation methods.			
	Along with learning about			
	the current trends in			
	merchandising, the			
	students understand that			
	how can they analyze,			
	identify and modify			
	elements that help in			
	better branding.			
24.	The students are taught	Lecture	CO1	Mid Term-
	about topics like the layout			2, Quiz &
	of retail space, space			End Sem
	assignment, product			Exam
	grouping, colors, lighting,			
	elements of a window			
	display, visual			
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	communication and			
	presentation methods.			
	Along with learning about			
	the current trends in			
	merchandising, the			
	students understand that			
	how can they analyze,			
	identify and modify			
	elements that help in			
	better branding.			
25.	The students are taught about	Lecture	CO1	Mid Term-
23.	topics like the layout of retail	Leotare		2, Quiz &
	space, space assignment,			End Sem
	product grouping, colors,			Exam
	lighting, elements of a window			LXaIII
	display, visual communication			
	and presentation methods.			
	Along with learning about the			
	current trends in			
	merchandising, the students			
	understand that how can they			
	analyze, identify and modify			
	elements that help in better			
26	branding.		604	NA: 1 T
26.	The students are taught	Lecture	CO1	Mid Term-
	about topics like the layout			
ĺ	-			2, Quiz &
	of retail space, space			End Sem
	of retail space, space assignment, product			· ·
	of retail space, space assignment, product grouping, colors, lighting,			End Sem
	of retail space, space assignment, product grouping, colors, lighting, elements of a window			End Sem
	of retail space, space assignment, product grouping, colors, lighting,			End Sem
	of retail space, space assignment, product grouping, colors, lighting, elements of a window			End Sem
	of retail space, space assignment, product grouping, colors, lighting, elements of a window display, visual			End Sem
	of retail space, space assignment, product grouping, colors, lighting, elements of a window display, visual communication and			End Sem
	of retail space, space assignment, product grouping, colors, lighting, elements of a window display, visual communication and presentation methods.			End Sem
	of retail space, space assignment, product grouping, colors, lighting, elements of a window display, visual communication and presentation methods. Along with learning about			End Sem
	of retail space, space assignment, product grouping, colors, lighting, elements of a window display, visual communication and presentation methods. Along with learning about the current trends in			End Sem
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	of retail space, space assignment, product grouping, colors, lighting, elements of a window display, visual communication and presentation methods. Along with learning about the current trends in merchandising, the students understand that how can they analyze, identify and modify			End Sem
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27.	of retail space, space assignment, product grouping, colors, lighting, elements of a window display, visual communication and presentation methods. Along with learning about the current trends in merchandising, the students understand that how can they analyze, identify and modify elements that help in better branding.	Lecture	CO1	End Sem Exam
27.	of retail space, space assignment, product grouping, colors, lighting, elements of a window display, visual communication and presentation methods. Along with learning about the current trends in merchandising, the students understand that how can they analyze, identify and modify elements that help in better branding. The students are taught	Lecture	CO1	End Sem Exam Mid Term-
27.	of retail space, space assignment, product grouping, colors, lighting, elements of a window display, visual communication and presentation methods. Along with learning about the current trends in merchandising, the students understand that how can they analyze, identify and modify elements that help in better branding. The students are taught about topics like the layout	Lecture	CO1	End Sem Exam Mid Term- 2, Quiz &
27.	of retail space, space assignment, product grouping, colors, lighting, elements of a window display, visual communication and presentation methods. Along with learning about the current trends in merchandising, the students understand that how can they analyze, identify and modify elements that help in better branding. The students are taught about topics like the layout of retail space, space	Lecture	CO1	End Sem Exam Mid Term- 2, Quiz & End Sem
27.	of retail space, space assignment, product grouping, colors, lighting, elements of a window display, visual communication and presentation methods. Along with learning about the current trends in merchandising, the students understand that how can they analyze, identify and modify elements that help in better branding. The students are taught about topics like the layout	Lecture	CO1	End Sem Exam Mid Term- 2, Quiz &

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	elements of a window			
	display, visual			
	communication and			
	presentation methods.			
	Along with learning about			
	the current trends in			
	merchandising, the			
	students understand that			
	how can they analyze,			
	identify and modify			
	elements that help in			
	better branding.			
28.	The students are taught	Lecture	CO1	Mid Term-
	about topics like the layout			2, Quiz &
	of retail space, space			End Sem
	assignment, product			Exam
	grouping, colors, lighting,			
	elements of a window			
	display, visual			
	communication and			
	presentation methods.			
	Along with learning about			
	the current trends in			
	merchandising, the			
	students understand that			
	how can they analyze,			
	identify and modify			
	elements that help in			
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20	better branding.	l a atuus	604	NA: al Taura
29.	The students are taught	Lecture	CO1	Mid Term-
	about topics like the layout			2, Quiz &
	of retail space, space			End Sem
	assignment, product			Exam
	grouping, colors, lighting,			
	elements of a window			
	display, visual			
	communication and			
	presentation methods.			
	Along with learning about			
	the current trends in			
	merchandising, the			
	students understand that			
	how can they analyze,			
	identify and modify			
	elements that help in			
	better branding.	•		

20	The students are taught	Locturo	CO1	Mid Torm
30.	The students are taught	Lecture	CO1	Mid Term-
	about topics like the layout			2, Quiz &
	of retail space, space			End Sem
	assignment, product			Exam
	grouping, colors, lighting,			
	elements of a window			
	display, visual			
	communication and			
	presentation methods.			
	Along with learning about			
	the current trends in			
	merchandising, the			
	students understand that			
	how can they analyze,			
	identify and modify			
	elements that help in			
	better branding.			
31.	The students are taught about	Lecture	CO1	Mid Term-
	topics like the layout of retail			2, Quiz &
	space, space assignment,			End Sem
	product grouping, colors,			Exam
	lighting, elements of a window			
	display, visual communication			
	and presentation methods.			
	Along with learning about the			
	current trends in			
	merchandising, the students			
	understand that how can they			
	analyze, identify and modify			
	elements that help in better			
	branding.			
32.	The students are taught	Lecture	CO1	Mid Term-
	about topics like the layout			2, Quiz &
	of retail space, space			End Sem
	assignment, product			Exam
	grouping, colors, lighting,			
	elements of a window			
	display, visual			
	communication and			
	presentation methods.			
	Along with learning about			
	the current trends in			
	merchandising, the			
	students understand that			
	how can they analyze,			
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	elements that help in			
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22	better branding.	Lastina	601	NA: al Tarres
33.	The students are taught	Lecture	CO1	Mid Term-
	about topics like the layout			2, Quiz &
	of retail space, space			End Sem
	assignment, product			Exam
	grouping, colors, lighting,			
	elements of a window			
	display, visual			
	communication and			
	presentation methods.			
	Along with learning about			
	the current trends in			
	merchandising, the			
	students understand that			
	how can they analyze,			
	identify and modify			
	elements that help in			
	better branding.			
34.	The students are taught	Lecture	CO1	Mid Term-
	about topics like the layout			2, Quiz &
	of retail space, space			End Sem
	assignment, product			Exam
	grouping, colors, lighting,			
	elements of a window			
	display, visual			
	communication and			
	presentation methods.			
	Along with learning about			
	the current trends in			
	merchandising, the			
	students understand that			
	how can they analyze,			
	identify and modify			
	elements that help in			
	better branding.			
35.	Identify the critical information	Lecture	CO1	Mid Term-
33.	needed to develop a product			2, Quiz &
	and brand strategy that			End Sem
	generates both quick-wins and			Exam
	long-term value.			LAGITI
36.	Identify the critical	Lecture	CO1	Mid Term-
33.	information needed to	Lecture		2, Quiz &
	develop a product and			End Sem
	brand strategy that			Exam
	generates both quick-wins			LAGIII
	Scherates both quick-Wills	1		

	and long-term value.			
37.	Identify the critical	Lecture	CO1	Quiz &
57.	information needed to	Lecture	(01	End Sem
	develop a product and			Exam
				Exam
	brand strategy that			
	generates both quick-wins			
20	and long-term value.	1 1	604	0 : 0
38.	Identify the critical	Lecture	CO1	Quiz &
	information needed to			End Sem
	develop a product and			Exam
	brand strategy that			
	generates both quick-wins			
	and long-term value.			
39.	Identify the critical	Lecture	CO1	Quiz &
	information needed to			End Sem
	develop a product and			Exam
	brand strategy that			
	generates both quick-wins			
	and long-term value.			
40.	Identify the critical information	Lecture	CO1	Quiz &
	needed to develop a product			End Sem
	and brand strategy that			Exam
	generates both quick-wins and			
	long-term value.			
41.	Identify the critical	Lecture	CO1	Quiz &
	information needed to			End Sem
	develop a product and			Exam
	brand strategy that			
	generates both quick-wins			
	and long-term value.			
42.	Identify the critical	Lecture	CO1	Quiz &
	information needed to			End Sem
	develop a product and			Exam
	brand strategy that			
	generates both quick-wins			
	and long-term value.			
43.	Identify the critical	Lecture	CO1	Quiz &
	information needed to			End Sem
	develop a product and			Exam
	brand strategy that			
	generates both quick-wins			
	and long-term value.			
44.	Identify the critical	Lecture	CO1	Quiz &
	information needed to			End Sem
	develop a product and			Exam
	brand strategy that			

	generates both quick-wins and long-term value.			
45.	Identify the critical information needed to develop a product and brand strategy that generates both quick-wins and long-term value.	Lecture	CO1	Quiz & End Sem Exam

D. Course Articulation Matrix (Mapping of COs with POs)

СО	STATEMENT		CORRELATION WITH PROGRAMME OUTCOMES													CORRELATION WITH PROGRAMME SPECIFIC OUTCOMES					
		P O	P O	P O	P O	P O	P O	P O	P O	P O	P O	P O	P O	PS O1	PS O2	PS O3	PS 04	PS 05			
		1	2	3	4	5	6	7	8	9	1 0	1	1 2	01	02		04	03			
CO 01	Students with an understanding for planning of built or open spaces to provide an appropriate environment for communication, and to create a contextual / experience that supports communication / interpretation of ideas to audiences by creating a multimodal and multisensory experience.											1									

Sample Question Paper

Amity School of Architecture & Planning I MID-SEMESTER (SEM –VI) 2021-22								
	Class: BID VI Semester							
Subject Name: BID 607 Exhibition Design	Time: 2 Hrs	Max. Marks: 10						

Levels of the questions as per Blooms Taxonomy	Remembering	Understanding	Applying	Analyzing	Evaluating	Creating
Question Mapping	Q.1,4	Q.2,3	Q.4	Q.2,5,6		

Student will be able to

CO1: List the broad perceptive of cloud architecture and model. CO2: Apply different cloud programming models as per need.

CO Map	Question No.	Question	Marks
CO1	Q.1	Explain in brief the cloud computing concept.	3
CO1	Q.2a	What are the essential characteristics of cloud computing?	3
	Q.2b	How is cloud computing requirements and cloud servicerequirement services related to each other?	3
CO1	Q.3	Sketch NIST Cloud Computing Reference Architecture and depictits elements	6
CO2	Q.4	Explain the significance of Cloud Reference Model	3
CO2	Q.5a	Elaborate different cloud types with example.	3
CO2	Q.5b	Write characteristics of private cloud.	3
CO2	Q6	How virtualization is applied in cloud computing scenario?	6

Attainmen	ts	Rubric
Level	1	IF 60% of students secure more than 60% marks then level 1
Level	2	IF 70% of students secure more than 60% marks then level 2
Level	3	IF 80% of students secure more than 60% marks then level 3

Course outcome: Based on internal and external assessment the level of Course outcome attainment of the course____/Course code Blis level 3 for the academic year 2021-2022.



AMITY UNIVERSITY MADHYA PRADESH, GWALIOR AMITY SCHOOL OF ARCHITECTURE AND PLANNING DEPARTMENT OF ARCHITECTURE AND PLANNING

PROGRAMME OUTCOMES AND PROGRAMME SPECIFIC OUTCOMES Bachelor of Interior Design (BID), Academic Year – 2021-22

Program Outcomes:

- **PO1. Design Knowledge:** Incorporate a global perspective when making design decisions, based on sustainable, socio-economic, and cultural contexts.
- PO2. Problem Analysis: Apply theories of human behaviour to human-centered design solutions.
- **PO3.** Design/Development of Solutions: Apply the design process to generate creative solutions to complex problems optimizing the human experience within the interior environment. Apply theory, psychology, and methodology of color to designs of the interior environment.
- **PO4. Individual and Team Work:** Collaborate in multi-disciplinary teams respecting a variety of points of view and perspectives that enrich the process and product of the team.
- **PO5. Communication:** Communicate complex ideas clearly to specialists and non-specialists through appropriate oral, written, and representational media.
- **PO6. Life Long Learning:** Exemplify accepted standards of professionalism and business practice including a commitment to engage in lifelong learning.
- **PO7. Context and Society:** Analyze interiors, architecture, the decorative arts, and art within a historical and cultural context to inform contemporary design solutions that relate with the society for whom the design solution is to be provided.
- **PO8. Synthesis of Concepts:** Synthesize theories and concepts of spatial definition and organization into multi-dimensional design solutions.
- **PO9. Modern Technique usage:** Specify furniture, fixtures, and equipment's of finish materials to meet the design criteria for a variety of interior spaces.
- **PO10.** Environment and Sustainability: Apply principles of lighting, acoustics, thermal comfort, and indoor air quality as required to enhance the health, safety, welfare, and performance of building occupants for overall sustainable development of the individuals.
- PO11. Ethics: Comply with laws, codes, and standards that impact fire safety and life safety.

PO12. Project/Construction Management: Produce construction drawings and documents using industry standards for a variety of interior spaces. Employ environment-behaviour research methodologies to address open-ended problems in interior design.

Program Specific Outcome:

As part of the school's charter and mission, Amity School of Architecture and Planning is providing a vibrant planning environment, ensuring its under-graduates are not only valued by the planning practice, but are also able to:

PSO1. Demonstrate critical thinking as they identify, analyze, and solve interior architecture and design problems through completion of interior design studio projects. Apply creative and critical thinking to solve interior environment problems from a human-cantered approach and apply this knowledge to design solutions.

PSO2. Demonstrate preparation for global design practice by incorporating cultural norms of user populations and applying that knowledge to design solutions that support globally diverse end users.

PSO3. Demonstrate effective visual, verbal, and written communication.

PSO4. Apply ethical and professional practices.

PSO5. Demonstrate social responsibility by designing sustainable interior environments that support indoor environmental quality and improve the quality of life for occupants.

PSO6. Engage in integrative professional design practice by contributing interior architecture and design expertise to collaborative design teams.

Note: - Correlation levels 1, 2 and 3 as defined below:

1: Slight (Low), 2: Moderate (Medium) and 3: Substantial (High)

If there is no correlation, put "-"

						P	ROG	RAN	1ME	ARTI	CULA	TIOI	N MA	ATRIX	(
SEM	SUBJECT CODE	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12	PO 13	PO 14	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5	PSO 6
	BID101	3	3	3	3	2	1	2	3	3	1	1	3	3	1	3	3	-	-	2	-
	BID102	2	2	3	2	2	1	-		1	2	2	2	-	1	1	3	-	-	-	-
	BID103	2	2	1	-	3	1	2	3	3	2	1	1	2	2	3	3	1	-	-	-
- 1	BID104	1	1	1	2	-	-	-	2	-	-	-	2	-	-	1	1	-	-	-	-
	BID105	3	2	3	2	1	1	2	3	1	2	-	3	-	1	3	3	-	-	2	-
	BID106	-	1	-	-	-	-	3	2	-	-	-	-	-	1	1	1	-	-	-	-
	BID107	3	2	3	3	1	1	3	-	3	3	-	3	2	3	3	3	3	-	-	-
	BID201	3	2	3	3	2	2	2	3	3	1	1	3	3	1	3	3	-	-	2	-
	BID202	3	-	3	2	2	2	-	1	1	1	3	3	2	1	1	2	-	-	-	-
	BID203	2	2	1	1	3	2	2	3	3	2	1	2	2	1	3	3	1	-	2	-
П	BID204	1	3	1	-	-	-	-	1	1	-	-	2	-	1	1	1	-	-	-	-
	BID205	1	-	3	3	1	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-
	BID206	1	1	-	-	-	-	3	3	3	-	-	-	-	-	1	3	-	-	-	-
	BID207	3	-	1	3	1	1	-	1	3	3	3	3	3	3	3	3	3	-	-	-
	BID301	3	3	3	3	2	2	2	3	3	1	1	2	3	1	3	3	-	-	2	-
	BID302	2	-	3	2	2	2	-	1	1	1	2	2	2	1	1	1	-	-	-	-
	BID303	2	2	2	2	-	3	2	-	1	-	-	-	2	-	1	1	-	-	-	-
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	BID305	1	-	3	3	1	2	-	-	-	-	-	-	-	-	1	-	-	-	-	-
	BID306	1	1	-	-	2	-	3	3	3	-	-	-	-	-	-	-	-	-	-	-
	BID307	1	3	1	-	3	-	-	3	3	-	-	-	-	3	-	-	-	-	2	-
	BID401	3	3	3	3	2	2	2	3	3	2	1	2	3	1	3	3	-	-	2	-
	BID402	2	1	3	2	2	2	-	1	-	2	1	2	3	1	1	1	-	-	2	-
	BID403	2	2	2	3	1	2	1	1	-	-	-	-	2	-	3	1	-	-	2	-
IV	BID404	3	-	2	3	1	2	1	1	-	1	2	2	2	-	1	1	-	-	2	-
	BID405	3	1	1	1	1	1	-	3	3	3	2	2	1	1	3	3	-	-	-	-
	BID406	3	3	3	3	3	2	3	2	3	3	2	3	-	-	1	3	-	-	2	-
	BID407	3	2	3	3	2	2	2	2	3	3	-	-	-	1	1	3	-	-	-	-
	BID501	3	3	3	3	2	2	2	3	3	3	1	2	3	1	3	1	-	-	2	-
	BID502	2	1	3	2	2	2	1	1	-	1	1	2	3	1	1	1	-	-	-	-
V	BID503	2	1	2	3	-	3	1	1	-	-	3	-	2	3	3	1	-	-	2	-
V	BID504	2	1	1	3	-	3	-	-	-	-	3	-	2	3	3	1	-	-	2	-
	BID505	1	1	-	-	1	-	3	3	3	-	-	1	-	3	1	1	3	-	-	-
	BID506	3	3	3	3	2	2	3	3	2	3	3	3	3	1	3	3	-	-	2	-
	BID601	3	3	3	3	2	2	2	3	3	3	3	1	3	1	3	3	-	-	2	-
	BID602	1	-	3	3	2	2	2	3	3	-	2	1	-	-	3	3	3	-	-	-
	BID603	3	3	2	2	1	1	1	3	3	1	2	2	2	3	3	3	-	-	-	-
VI	BID604	3	2	3	3	2	2	2	3	3	3	2	3	3	-	3	3	-	-	2	-
	BID605	2	-	1	3	-	-	-	-	-	-	-	-	-	3	3	-	-	-	-	-
	BID606	3	2	3	3	1	2	2	3	3	-	3	-	-	-	3	2	-	-	-	-
	BID607	2	3	3	3	1	2	2	3	3	1	-	-	-	3	3	2	-	-	-	-
VII	BID701	3	3	3	3	2	3	1	3	2	1	-	3	3	3	3	ı	-	-	2	-
VIII	BID 801	3	3	3	3	2	2	2	3	3	1	3	2	3	3	3	3	-	-	2	-

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BID 803	1	-	2	1	1	2	-	2	1	-	1	-	2	3	2	1	2	-	-	-
BID 804	3	1	2	2	2	1	-	2	2	1	-	2	-	-	-	1	-	-	-	-
BID 805	1	3	1	1	2	1	2	1	2	1	1	-	2	1	2	-	-	-	-	-

DEPARTMENT OF ARCHITECTURE & PLANNING

Course Handout

Course: Interior Design Studio –(Thesis project)

Course Code: BID 801, Crédits: 15, Session: 2021-22 (Odd Sem.), Class: BID 4th Year

Faculty Name: Ar. Manish Kumar Chitranshi

Introduction:The thesis project provides the student with practical knowledge and hands on skills. Participants are encouraged to engage in active interaction through classroom participation.

A. Course Outcomes: At the end of the course, students will be able to:

CO1: Student will be able to find an independent approach to develop an exercise and professional ability to handle professional.

CO2: A thesis project topic will be chosen by the student and approved by the school so that a variety of professional projects are undertaken in each thesis semester every year.

CO3: The course gives an opportunity to develop a student an independent approach to develop an exercise and professional ability to handle professional projects with complete analysis of based data/ information so as to achieve aesthetically planned interior environment for functional efficiency.

B. Programme Outcomes:

- **PO1. Design Knowledge:** Incorporate a global perspective when making design decisions, based on sustainable, socio-economic, and cultural contexts.
- PO2. Problem Analysis: Apply theories of human behaviour to human-centered design

solutions.

- **PO3. Design/Development of Solutions:** Apply the design process to generate creative solutions to complex problems optimizing the human experience within the interior environment. Apply theory, psychology, and methodology of color to designs of the interior environment.
- **PO4. Individual and Team Work:** Collaborate in multi-disciplinary teams respecting a variety of points of view and perspectives that enrich the process and product of the team.
- **PO5. Communication:** Communicate complex ideas clearly to specialists and non-specialists through appropriate oral, written, and representational media.
- **PO6. Life Long Learning:** Exemplify accepted standards of professionalism and business practice including a commitment to engage in lifelong learning.
- **PO7. Context and Society:** Analyze interiors, architecture, the decorative arts, and art within a historical and cultural context to inform contemporary design solutions that relate with the society for whom the design solution is to be provided.
- **PO8. Synthesis of Concepts:** Synthesize theories and concepts of spatial definition and organization into multi-dimensional design solutions.
- **PO9. Modern Technique usage:** Specify furniture, fixtures, and equipment's of finish materials to meet the design criteria for a variety of interior spaces.
- **PO10. Environment and Sustainability:** Apply principles of lighting, acoustics, thermal comfort, and indoor air quality as required to enhance the health, safety, welfare, and performance of building occupants for overall sustainable development of the individuals.
- **PO11. Ethics:** Comply with laws, codes, and standards that impact fire safety and life safety.
- **PO12. Project/Construction Management:** Produce construction drawings and documents using industry standards for a variety of interior spaces. Employ environment-behaviour research methodologies to address open-ended problems in interior design.

C. Programme Specific Outcomes:

As part of the school's charter and mission, Amity School of Architecture and Planning is providing a vibrant planning environment, ensuring its undergraduates are not only valued by the planning practice, but are also able to:

PSO1. Demonstrate critical thinking as they identify, analyze, and solve interior architecture and design problems through completion of interior design studio projects. Apply creative and critical thinking to solve interior environment

problems from a human-cantered approach and apply this knowledge to design solutions.

- **PSO2.** Demonstrate preparation for global design practice by incorporating cultural norms of user populations and applying that knowledge to design solutions that support globally diverse end users.
- **PSO3.** Demonstrate effective visual, verbal, and written communication.
- **PSO4.** Apply ethical and professional practices.
- **PSO5.** Demonstrate social responsibility by designing sustainable interior environments that support indoor environmental quality and improve the quality of life for occupants.
- **PSO6.** Engage in integrative professional design practice by contributing interior architecture and design expertise to collaborative design teams.

Assessment Plan:

Component	Description	Code	Weightage
of Evaluation			%
Continuous Internal	Mid Term	СТ	10%
Evaluation	Seminar/Quiz/	S/Q/A	15%
	Assignment		
Attendance	A minimum of 75% Attendance is required to be maintained by a studentto be qualified for taking up the End Semester examination. The allowance of 25% includes all types of leaves including medical leaves.	A	5%
End Semester	End Semester	VV	70%
Examination	(Viva-Voce)		
Total			100%

D. Syllabus

Module I: Introduction

Introduction to the thesis and approval of Topic and subject.

Module II: Drawings

Thesis would include working operational plans, working drawings and design model.

Module III: Building Materials

Understanding of modern building materials suitable for application to the nature of the project. The project will be evaluated through a continuous Examination basis in a series of seminars as announced from time to time.

Examination Scheme:

Components	Attendance	Mid-Term	Assignment	VV
Weightage (%)	5	10	15	70

CT: Class Test, A: Assignment, S/V/Q: Seminar/Viva/Quiz, EE: End Semester Examination; A: Attendance

E. Suggested Text/Reference Books:

- A Visual Dictionary of Architecture, Francis D.K. Ching [2] Creative Interiors (Design of Enclosed Space), Shashi Jain [3] Commercial Interior Perspectives, Graphic - Sha (Editor) [4] Design with Wood, Carol Soucek King
- Drywall (Pro Tips for Hanging & Finishing), John D. Wagner
- Graphic Interiors (Space Designed by Graphic Artists), Corina Dean [7]
 Interior design illustrated, Francis D.K. Ching
- Graphic Interiors (Space Designed by Graphic Artists), Corina Dean
- Home Plumbing (The David & Charles Manual of), Ernest Hall
- House Book (The Complete Guide to Home Design), Terence Conran [12] Illustration + Perspectives (In Pantone Colors), Eiji Mitooka
- Elements of Architecture, Meiss Pieree Von
- Architecture: Form, Space and Order, Francis D.K. Ching

References:

☐ A Visual Dictionary of Architecture, Francis D.K. Ching
☐ Creative Interiors (Design of Enclosed Space), Shashi Jain
☐ Commercial Interior Perspectives, Graphic – Sha (Editor)
☐ Design with Wood, Carol Soucek King
☐ Drywall (Pro Tips for Hanging & Finishing), John D. Wagner
☐ Graphic Interiors (Space Designed by Graphic Artists), Corina Dean
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☐ House Book (The Complete Guide to Home Design), Terence Conran
☐ Illustration + Perspectives (In Pantone Colors), Eiji Mitooka
☐ Elements of Architecture, Meiss Pieree Von
☐ Architecture: Form, Space and Order, Francis D.K. Ching
\square A.J. Metric Handbook, editors, Jan Bilwa and Leslie Fair weather
☐ Architectural Graphic standards editor — Boaz Joseph
☐ The Curtain Book, Mitchll Beazlty
☐ Interior Design Visual, Maureen Mitton 2nd Edition
☐ 100 Bright Ideas For color, Sue Rose
☐ Window Fashion, Charles T. Randall
☐ Illustration + Perspectives (In Pantone Colors), Eiji Mitooka
☐ Elements of Architecture, Meiss Pieree Von
☐ Architecture: Form, Space and Order, Francis D.K. Ching

F. Lecture Plan

Lecture	Topics	Mode of Delivery	Correspon ding CO	Mode of Assessing CO
1.	Introduction to the thesis and approval of Topic and subject	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
2.	Introduction to the thesis and approval of Topic and subject	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
3.	Introduction to the thesis and approval of Topic and subject	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
4.	Introduction to the thesis and approval of Topic and subject	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam

5.	Introduction to the thesis and approval of Topic and subject	Lecture	CO1	Mid Term- 1, Quiz & End Sem
6.	Introduction to the thesis and approval of Topic and subject	Lecture	CO1	Exam Mid Term- 1, Quiz & End Sem
7.	Introduction to the thesis and approval of Topic and subject	Lecture	CO1	Exam Mid Term- 1, Quiz & End Sem
8.	Introduction to the thesis and approval of Topic and subject	Lecture	CO1	Exam Mid Term- 1, Quiz & End Sem
9.	Introduction to the thesis and approval of Topic and subject	Lecture	CO1	Exam Mid Term- 1, Quiz & End Sem
10.	Introduction to the thesis and approval of Topic and subject	Lecture	CO1	Exam Mid Term- 1, Quiz & End Sem
11.	Introduction to the thesis and approval of Topic and subject	Lecture	CO1	Exam Mid Term- 1, Quiz & End Sem
12.	Introduction to the thesis and approval of Topic and subject	Lecture	CO1	Exam Mid Term- 1, Quiz & End Sem
13.	Introduction to the thesis and approval of Topic and subject	Lecture	CO1	Exam Mid Term- 1, Quiz & End Sem Exam
14.	Introduction to the thesis and approval of Topic and subject	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
15.	Introduction to the thesis and approval of Topic and subject	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam

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27.	Introduction to the thesis and approval of Topic and subject	Lecture	CO1	Mid Term- 2, Quiz & End Sem
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28.	Introduction to the thesis	Lecture	CO1	Mid Term-
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	subject			End Sem
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29.	Introduction to the thesis	Lecture	CO1	Mid Term-
	and approval of Topic and			2, Quiz &
	subject			End Sem
				Exam
30.	Introduction to the thesis	Lecture	CO1	Mid Term-
	and approval of Topic and			2, Quiz &
	subject			End Sem
				Exam
31.	Introduction to the thesis	Lecture	CO1	Mid Term-
	and approval of Topic and			2, Quiz &
	subject			End Sem
				Exam
32.	Introduction to the thesis	Lecture	CO1	Mid Term-
	and approval of Topic and			2, Quiz &
	subject			End Sem
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33.	Introduction to the thesis	Lecture	CO1	Mid Term-
	and approval of Topic and			2, Quiz &
	subject			End Sem
				Exam
34.	Introduction to the thesis	Lecture	CO1	Mid Term-
	and approval of Topic and			2, Quiz &
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35.	Introduction to the thesis	Lecture	CO1	Mid Term-
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36.	Introduction to the thesis	Lecture	CO1	Mid Term-
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	subject			End Sem
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37.	Introduction to the thesis	Lecture	CO1	Quiz &
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	subject			Exam

38.	Introduction to the thesis and approval of Topic and subject	Lecture	CO1	Quiz & End Sem Exam
39.	Introduction to the thesis and approval of Topic and subject	Lecture	CO1	Quiz & End Sem Exam
40.	Introduction to the thesis and approval of Topic and subject	Lecture	CO1	Quiz & End Sem Exam
41.	Introduction to the thesis and approval of Topic and subject	Lecture	CO1	Quiz & End Sem Exam
42.	Introduction to the thesis and approval of Topic and subject	Lecture	CO1	Quiz & End Sem Exam
43.	Introduction to the thesis and approval of Topic and subject	Lecture	CO1	Quiz & End Sem Exam
44.	Introduction to the thesis and approval of Topic and subject	Lecture	CO1	Quiz & End Sem Exam
45.	Introduction to the thesis and approval of Topic and subject	Lecture	CO1	Quiz & End Sem Exam
46.	Introduction to the thesis and approval of Topic and subject	Lecture	CO1	Quiz & End Sem Exam
47.	Introduction to the thesis and approval of Topic and subject	Lecture	CO1	Quiz & End Sem Exam
48.	Introduction to the thesis and approval of Topic and subject	Lecture	CO1	Quiz & End Sem Exam
49.	Introduction to the thesis and approval of Topic and subject	Lecture	CO1	Quiz & End Sem Exam
50.	Introduction to the thesis and approval of Topic and subject	Lecture	CO1	Quiz & End Sem Exam

51.	Introduction to the thesis and approval of Topic and subject	Lecture	CO1	Quiz & End Sem
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52.	Introduction to the thesis and	Lecture	CO1	Quiz &
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53.	Introduction to the thesis and	Lecture	CO1	Quiz &
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54.	Introduction to the thesis and	Lecture	CO1	Quiz &
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55.	Introduction to the thesis and	Lecture	CO1	Quiz &
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	approvar or represent and subject			Exam
56.	Introduction to the thesis and	Lecture	CO1	Quiz &
30.	approval of Topic and subject	Lecture	601	End Sem
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57.	Introduction to the thesis and	Lecture	CO1	Quiz &
37.	approval of Topic and subject	Lecture	601	End Sem
	approvar or ropic and subject			Exam
58.	Introduction to the thesis and	Lecture	CO1	Quiz &
56.	approval of Topic and subject	Lecture	601	End Sem
	approvar or ropic and subject			Exam
59.	Introduction to the thesis and	Lecture	CO1	Quiz &
33.	approval of Topic and subject	Lecture	601	End Sem
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60.	Introduction to the thesis and	Lecture	CO1	Quiz &
00.	approval of Topic and subject	Lecture	601	End Sem
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61.	Introduction to the thesis and	Lecture	CO1	Quiz &
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62.	Introduction to the thesis and	Lecture	CO1	Quiz &
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63.	Introduction to the thesis and	Locturo	CO1	Exam
03.	approval of Topic and subject	Lecture	101	Quiz & End Sem
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64.	Introduction to the thesis and	Lecture	CO1	Quiz &
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65.	Introduction to the thesis and	Lecture	CO1	Quiz &
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66.	Introduction to the thesis and approval of Topic and subject	Lecture	CO1	Quiz & End Sem Exam
67.	Introduction to the thesis and approval of Topic and subject	Lecture	CO1	Quiz & End Sem Exam
68.	Introduction to the thesis and approval of Topic and subject	Lecture	CO1	Quiz & End Sem Exam
69.	Introduction to the thesis and approval of Topic and subject	Lecture	CO1	Quiz & End Sem Exam
70.	Introduction to the thesis and approval of Topic and subject	Lecture	CO1	Quiz & End Sem Exam
71.	Introduction to the thesis and approval of Topic and subject	Lecture	CO1	Quiz & End Sem Exam
72.	Introduction to the thesis and approval of Topic and subject	Lecture	CO1	Quiz & End Sem Exam
73.	Introduction to the thesis and approval of Topic and subject	Lecture	CO1	Quiz & End Sem Exam
74.	Introduction to the thesis and approval of Topic and subject	Lecture	CO1	Quiz & End Sem Exam
75.	Introduction to the thesis and approval of Topic and subject	Lecture	CO1	Quiz & End Sem Exam
76.	Thesis would include working operational plans, working drawings and design	Lecture	CO2	Quiz & End Sem Exam
77.	model.	Lecture	CO2	Quiz & End Sem Exam
78.	Thesis would include working operational plans, working drawings and design	Lecture	CO2	Quiz & End Sem Exam

79.	model.	Lecture	CO2	Quiz & End Sem Exam
80.	Thesis would include working operational plans, working drawings and design	Lecture	CO2	Quiz & End Sem Exam
81.	model.	Lecture	CO2	Quiz & End Sem Exam
82.	Thesis would include working operational plans, working drawings and design	Lecture	CO2	Quiz & End Sem Exam
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91.	model.	Lecture	CO2	Quiz & End Sem Exam
92.	Thesis would include working operational plans, working drawings and design	Lecture	CO2	Quiz & End Sem Exam
93.	model.	Lecture	CO2	Quiz & End Sem Exam
94.	Thesis would include working operational plans, working drawings and design	Lecture	CO2	Quiz & End Sem Exam
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96.	Thesis would include working operational plans, working drawings and design	Lecture	CO2	Quiz & End Sem Exam
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98.	Thesis would include working operational plans, working drawings and design	Lecture	CO2	Quiz & End Sem Exam
99.	model.	Lecture	CO2	Quiz & End Sem Exam
100.	Thesis would include working operational plans, working drawings and design	Lecture	CO2	Quiz & End Sem Exam
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102.	Thesis would include working operational plans, working drawings and design	Lecture	CO2	Quiz & End Sem Exam

103.	model.	Lecture	CO2	Quiz & End Sem Exam
104.	Thesis would include working operational plans, working drawings and design	Lecture	CO2	Quiz & End Sem Exam
105.	model.	Lecture	CO2	Quiz & End Sem Exam
106.	Thesis would include working operational plans, working drawings and design	Lecture	CO2	Quiz & End Sem Exam
107.	model.	Lecture	CO2	Quiz & End Sem Exam
108.	Thesis would include working operational plans, working drawings and design	Lecture	CO2	Quiz & End Sem Exam
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112.	Thesis would include working operational plans, working drawings and design	Lecture	CO2	Quiz & End Sem Exam
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119.	model.	Lecture	CO2	Quiz & End Sem Exam
120.	Thesis would include working operational plans, working drawings and design	Lecture	CO2	Quiz & End Sem Exam
121.	model.	Lecture	CO2	Quiz & End Sem Exam
122.	Thesis would include working operational plans, working drawings and design	Lecture	CO2	Quiz & End Sem Exam
123.	model.	Lecture	CO2	Quiz & End Sem Exam
124.	Thesis would include working operational plans, working drawings and design	Lecture	CO2	Quiz & End Sem Exam
125.	model.	Lecture	CO2	Quiz & End Sem Exam
126.	Thesis would include working operational plans, working drawings and design	Lecture	CO2	Quiz & End Sem Exam

127.	model.	Lecture	CO2	Quiz & End Sem Exam
128.	Thesis would include working operational plans, working drawings and design	Lecture	CO2	Quiz & End Sem Exam
129.	model.	Lecture	CO2	Quiz & End Sem Exam
130.	Thesis would include working operational plans, working drawings and design	Lecture	CO2	Quiz & End Sem Exam
131.	model.	Lecture	CO2	Quiz & End Sem Exam
132.	Thesis would include working operational plans, working drawings and design	Lecture	CO2	Quiz & End Sem Exam
133.	model.	Lecture	CO2	Quiz & End Sem Exam
134.	Thesis would include working operational plans, working drawings and design	Lecture	CO2	Quiz & End Sem Exam
135.	model.	Lecture	CO2	Quiz & End Sem Exam
136.	Thesis would include working operational plans, working drawings and design	Lecture	CO2	Quiz & End Sem Exam
137.	model.	Lecture	CO2	Quiz & End Sem Exam
138.	Thesis would include working operational plans, working drawings and design	Lecture	CO2	Quiz & End Sem Exam

139.	model.	Lecture	CO2	Quiz & End Sem Exam
140.	Thesis would include working operational plans, working drawings and design	Lecture	CO2	Quiz & End Sem Exam
141.	model.	Lecture	CO2	Quiz & End Sem Exam
142.	Thesis would include working operational plans, working drawings and design	Lecture	CO2	Quiz & End Sem Exam
143.	model.	Lecture	CO2	Quiz & End Sem Exam
144.	Thesis would include working operational plans, working drawings and design	Lecture	CO2	Quiz & End Sem Exam
145.	model.	Lecture	CO2	Quiz & End Sem Exam
146.	Thesis would include working operational plans, working drawings and design	Lecture	CO2	Quiz & End Sem Exam
147.	model.	Lecture	CO2	Quiz & End Sem Exam
148.	Thesis would include working operational plans, working drawings and design	Lecture	CO2	Quiz & End Sem Exam
149.	model.	Lecture	CO2	Quiz & End Sem Exam
150.	Thesis would include working operational plans, working drawings and design	Lecture	CO2	Quiz & End Sem Exam

151.	Understanding of modern building materials suitable for application to the nature of	Lecture	CO3	Quiz & End Sem Exam
152.	the project. The project will be evaluated through a continuous Examination basis in	Lecture	CO3	Quiz & End Sem Exam
153.	a series of seminars as announced from time to time.	Lecture	CO3	Quiz & End Sem Exam
154.	Understanding of modern building materials suitable for application to the nature of	Lecture	CO3	Quiz & End Sem Exam
155.	the project. The project will be evaluated through a continuous Examination basis in	Lecture	CO3	Quiz & End Sem Exam
156.	a series of seminars as announced from time to time.	Lecture	CO3	Quiz & End Sem Exam
157.	Understanding of modern building materials suitable for application to the nature of	Lecture	CO3	Quiz & End Sem Exam
158.	the project. The project will be evaluated through a continuous Examination basis in	Lecture	CO3	Quiz & End Sem Exam
159.	a series of seminars as announced from time to time.	Lecture	CO3	Quiz & End Sem Exam
160.	Understanding of modern building materials suitable for application to the nature of	Lecture	CO3	Quiz & End Sem Exam
161.	the project. The project will be evaluated through a continuous Examination basis in	Lecture	CO3	Quiz & End Sem Exam
162.	a series of seminars as announced from time to time.	Lecture	CO3	Quiz & End Sem Exam

163.	Understanding of modern building materials suitable for application to the nature of	Lecture	CO3	Quiz & End Sem Exam
164.	the project. The project will be evaluated through a continuous Examination basis in	Lecture	CO3	Quiz & End Sem Exam
165.	a series of seminars as announced from time to time.	Lecture	CO3	Quiz & End Sem Exam
166.	Understanding of modern building materials suitable for application to the nature of	Lecture	CO3	Quiz & End Sem Exam
167.	the project. The project will be evaluated through a continuous Examination basis in	Lecture	CO3	Quiz & End Sem Exam
168.	a series of seminars as announced from time to time.	Lecture	CO3	Quiz & End Sem Exam
169.	Understanding of modern building materials suitable for application to the nature of	Lecture	CO3	Quiz & End Sem Exam
170.	the project. The project will be evaluated through a continuous Examination basis in	Lecture	CO3	Quiz & End Sem Exam
171.	a series of seminars as announced from time to time.	Lecture	CO3	Quiz & End Sem Exam
172.	Understanding of modern building materials suitable for application to the nature of	Lecture	CO3	Quiz & End Sem Exam
173.	the project. The project will be evaluated through a continuous Examination basis in	Lecture	CO3	Quiz & End Sem Exam
174.	a series of seminars as announced from time to time.	Lecture	CO3	Quiz & End Sem Exam

Understanding of modern building materials suitable for application to the nature of	Lecture	CO3	Quiz & End Sem Exam
the project. The project will be evaluated through a continuous Examination basis in	Lecture	CO3	Quiz & End Sem Exam
a series of seminars as announced from time to time.	Lecture	CO3	Quiz & End Sem Exam
Understanding of modern building materials suitable for application to the nature of	Lecture	CO3	Quiz & End Sem Exam
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a series of seminars as announced from time to time.	Lecture	CO3	Quiz & End Sem Exam
Understanding of modern building materials suitable for application to the nature of	Lecture	CO3	Quiz & End Sem Exam
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a series of seminars as announced from time to time.	Lecture	CO3	Quiz & End Sem Exam
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187.	Understanding of modern building materials suitable for application to the nature of	Lecture	CO3	Quiz & End Sem Exam
188.	the project. The project will be evaluated through a continuous Examination basis in	Lecture	CO3	Quiz & End Sem Exam
189.	a series of seminars as announced from time to time.	Lecture	CO3	Quiz & End Sem Exam
190.	Understanding of modern building materials suitable for application to the nature of	Lecture	CO3	Quiz & End Sem Exam
191.	the project. The project will be evaluated through a continuous Examination basis in	Lecture	CO3	Quiz & End Sem Exam
192.	a series of seminars as announced from time to time.	Lecture	CO3	Quiz & End Sem Exam
193.	Understanding of modern building materials suitable for application to the nature of	Lecture	CO3	Quiz & End Sem Exam
194.	the project. The project will be evaluated through a continuous Examination basis in	Lecture	CO3	Quiz & End Sem Exam
195.	a series of seminars as announced from time to time.	Lecture	CO3	Quiz & End Sem Exam
196.	Understanding of modern building materials suitable for application to the nature of	Lecture	CO3	Quiz & End Sem Exam
197.	the project. The project will be evaluated through a continuous Examination basis in	Lecture	CO3	Quiz & End Sem Exam
198.	a series of seminars as announced from time to time.	Lecture	CO3	Quiz & End Sem Exam

199.	Understanding of modern building materials suitable for application to the nature of	Lecture	CO3	Quiz & End Sem Exam
200.	the project. The project will be evaluated through a continuous Examination basis in	Lecture	CO3	Quiz & End Sem Exam
201.	a series of seminars as announced from time to time.	Lecture	CO3	Quiz & End Sem Exam
202.	Understanding of modern building materials suitable for application to the nature of	Lecture	CO3	Quiz & End Sem Exam
203.	the project. The project will be evaluated through a continuous Examination basis in	Lecture	CO3	Quiz & End Sem Exam
204.	a series of seminars as announced from time to time.	Lecture	CO3	Quiz & End Sem Exam
205.	Understanding of modern building materials suitable for application to the nature of	Lecture	CO3	Quiz & End Sem Exam
206.	the project. The project will be evaluated through a continuous Examination basis in	Lecture	CO3	Quiz & End Sem Exam
207.	a series of seminars as announced from time to time.	Lecture	CO3	Quiz & End Sem Exam
208.	Understanding of modern building materials suitable for application to the nature of	Lecture	CO3	Quiz & End Sem Exam
209.	the project. The project will be evaluated through a continuous Examination basis in	Lecture	CO3	Quiz & End Sem Exam
210.	a series of seminars as announced from time to time.	Lecture	CO3	Quiz & End Sem Exam

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211.	Understanding of modern building materials suitable for application to the nature of	Lecture	CO3	Quiz & End Sem Exam
212.	the project. The project will be evaluated through a continuous Examination basis in	Lecture	CO3	Quiz & End Sem Exam
213.	a series of seminars as announced from time to time.	Lecture	CO3	Quiz & End Sem Exam
214.	Understanding of modern building materials suitable for application to the nature of	Lecture	CO3	Quiz & End Sem Exam
215.	the project. The project will be evaluated through a continuous Examination basis in	Lecture	CO3	Quiz & End Sem Exam
216.	a series of seminars as announced from time to time.	Lecture	CO3	Quiz & End Sem Exam
217.	Understanding of modern building materials suitable for application to the nature of	Lecture	CO3	Quiz & End Sem Exam
218.	the project. The project will be evaluated through a continuous Examination basis in	Lecture	CO3	Quiz & End Sem Exam
219.	a series of seminars as announced from time to time.	Lecture	CO3	Quiz & End Sem Exam
220.	Understanding of modern building materials suitable for application to the nature of	Lecture	CO3	Quiz & End Sem Exam
221.	the project. The project will be evaluated through a continuous Examination basis in	Lecture	CO3	Quiz & End Sem Exam
222.	a series of seminars as announced from time to time.	Lecture	CO3	Quiz & End Sem Exam

223.	Understanding of modern building materials suitable for application to the nature of	Lecture	CO3	Quiz & End Sem Exam
224.	the project. The project will be evaluated through a continuous Examination basis in	Lecture	CO3	Quiz & End Sem Exam
225.	a series of seminars as announced from time to time.	Lecture	CO3	Quiz & End Sem Exam

G. Course Articulation Matrix (Mapping of COs with POs)

СО	STATEMENT		CORRELATION WITH PROGRAMME OUTCOMES										CORRELATION WITH PROGRAMME SPECIFIC OUTCOMES					
		P O 1	P O 2	P O 3	P O 4	P O 5	P O 6	P O 7	P O 8	P O 9	P O 1	P O 1	P O 1	PS O1	PS O2	PS O3	PS 04	PS 05
CO 01	Student will be able to find an independent approach to develop an exercise and professional ability to handle professional.																	
CO 02	A thesis project topic will be chosen by the student and approved by the school so that a variety of professional projects are undertaken in each thesis semester every year.																	
CO 03	The course gives an opportunity to																	

develop a student an									
independent									
approach to develop									
an exercise and									
professional ability to									
handle professional									
projects with									
complete analysis of									
based data/									
information so as to									
achieve aesthetically									
planned interior									
environment for									
functional efficiency.									

Sample Question Paper

Amity School of Architecture & Planning I MID-SEMESTER (SEM –VIII) 2021-22											
Class: BID VIII Semester											
Subject Name: BID Interior Design	801	Time: 2 Hrs			Max. Marks: 30						
Levels of the questions as per Blooms Taxonomy	Remembering	Understanding	Applying	Analyz	ing	Evaluating	Creating				
Question Mapping	Question Q.1,4 Q.2,3 Q.4 Q.2,5,6										

Student will be able to

 ${\bf CO1: List\ the\ broad\ perceptive\ of\ cloud\ architecture\ and\ model}.$

CO2: Apply different cloud programming models as per need.

CO Map	Question No.	Question	Marks
CO1	Q.1	Explain in brief the cloud computing concept.	3
CO1	Q.2a	What are the essential characteristics of cloud computing?	3

	Q.2b	How is cloud computing requirements and cloud servicerequirement services related to each other?	3
CO1	Q.3	Sketch NIST Cloud Computing Reference Architecture and depictits elements	6
CO2	Q.4	Explain the significance of Cloud Reference Model	3
603	Q.5a	Elaborate different cloud types with example.	3
CO2	Q.5b	Write characteristics of private cloud.	3
CO2	Q6	How virtualization is applied in cloud computing scenario?	6

Attainments		Rubric					
Level	1	IF 60% of students secure more than 60% marks then level 1					
Level	2	IF 70% of students secure more than 60% marks then level 2					
Level	3	IF 80% of students secure more than 60% marks then level 3					

Course outcome: Based on internal and external assessment the level of Course outcome attainment of the course BID/Course code BID 801 is level 3 for the academic year 2021-2022.

AMITY UNIVERSITY MADHYA PRADESH, GWALIOR AMITY SCHOOL OF ARCHITECTURE AND PLANNING DEPARTMENT OF ARCHITECTURE AND PLANNING

PROGRAMME OUTCOMES AND PROGRAMME SPECIFIC OUTCOMES Bachelor of Interior Design (BID), Academic Year – 2021-22

Program Outcomes:

- **PO1. Design Knowledge:** Incorporate a global perspective when making design decisions, based on sustainable, socio-economic, and cultural contexts.
- PO2. Problem Analysis: Apply theories of human behaviour to human-centered design solutions.
- **PO3.** Design/Development of Solutions: Apply the design process to generate creative solutions to complex problems optimizing the human experience within the interior environment. Apply theory, psychology, and methodology of color to designs of the interior environment.
- **PO4. Individual and Team Work:** Collaborate in multi-disciplinary teams respecting a variety of points of view and perspectives that enrich the process and product of the team.
- **PO5. Communication:** Communicate complex ideas clearly to specialists and non-specialists through appropriate oral, written, and representational media.
- **PO6. Life Long Learning:** Exemplify accepted standards of professionalism and business practice including a commitment to engage in lifelong learning.
- **PO7. Context and Society:** Analyze interiors, architecture, the decorative arts, and art within a historical and cultural context to inform contemporary design solutions that relate with the society for whom the design solution is to be provided.
- **PO8. Synthesis of Concepts:** Synthesize theories and concepts of spatial definition and organization into multi-dimensional design solutions.
- **PO9. Modern Technique usage:** Specify furniture, fixtures, and equipment's of finish materials to meet the design criteria for a variety of interior spaces.
- **PO10.** Environment and Sustainability: Apply principles of lighting, acoustics, thermal comfort, and indoor air quality as required to enhance the health, safety, welfare, and performance of building occupants for overall sustainable development of the individuals.
- PO11. Ethics: Comply with laws, codes, and standards that impact fire safety and life safety.

PO12. Project/Construction Management: Produce construction drawings and documents using industry standards for a variety of interior spaces. Employ environment-behaviour research methodologies to address open-ended problems in interior design.

Program Specific Outcome:

As part of the school's charter and mission, Amity School of Architecture and Planning is providing a vibrant planning environment, ensuring its under-graduates are not only valued by the planning practice, but are also able to:

PSO1. Demonstrate critical thinking as they identify, analyze, and solve interior architecture and design problems through completion of interior design studio projects. Apply creative and critical thinking to solve interior environment problems from a human-cantered approach and apply this knowledge to design solutions.

PSO2. Demonstrate preparation for global design practice by incorporating cultural norms of user populations and applying that knowledge to design solutions that support globally diverse end users.

PSO3. Demonstrate effective visual, verbal, and written communication.

PSO4. Apply ethical and professional practices.

PSO5. Demonstrate social responsibility by designing sustainable interior environments that support indoor environmental quality and improve the quality of life for occupants.

PSO6. Engage in integrative professional design practice by contributing interior architecture and design expertise to collaborative design teams.

Note: - Correlation levels 1, 2 and 3 as defined below:

1: Slight (Low), 2: Moderate (Medium) and 3: Substantial (High)

If there is no correlation, put "-"

						P	ROG	RAN	1ME	ARTI	CULA	TIOI	N MA	ATRIX	(
SEM	SUBJECT CODE	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12	PO 13	PO 14	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5	PSO 6
	BID101	3	3	3	3	2	1	2	3	3	1	1	3	3	1	3	3	-	-	2	-
	BID102	2	2	3	2	2	1	-		1	2	2	2	-	1	1	3	-	-	-	-
	BID103	2	2	1	-	3	1	2	3	3	2	1	1	2	2	3	3	1	-	-	-
- 1	BID104	1	1	1	2	-	-	-	2	-	-	-	2	-	-	1	1	-	-	-	-
	BID105	3	2	3	2	1	1	2	3	1	2	-	3	-	1	3	3	-	-	2	-
	BID106	-	1	-	-	-	-	3	2	-	-	-	-	-	1	1	1	-	-	-	-
	BID107	3	2	3	3	1	1	3	-	3	3	-	3	2	3	3	3	3	-	-	-
	BID201	3	2	3	3	2	2	2	3	3	1	1	3	3	1	3	3	-	-	2	-
	BID202	3	-	3	2	2	2	-	1	1	1	3	3	2	1	1	2	-	-	-	-
	BID203	2	2	1	1	3	2	2	3	3	2	1	2	2	1	3	3	1	-	2	-
П	BID204	1	3	1	-	-	-	-	1	1	-	-	2	-	1	1	1	-	-	-	-
	BID205	1	-	3	3	1	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-
	BID206	1	1	-	-	-	-	3	3	3	-	-	-	-	-	1	3	-	-	-	-
	BID207	3	-	1	3	1	1	-	1	3	3	3	3	3	3	3	3	3	-	-	-
	BID301	3	3	3	3	2	2	2	3	3	1	1	2	3	1	3	3	-	-	2	-
	BID302	2	-	3	2	2	2	-	1	1	1	2	2	2	1	1	1	-	-	-	-
	BID303	2	2	2	2	-	3	2	-	1	-	-	-	2	-	1	1	-	-	-	-
Ш	BID304	3	3	-	-	3	-	-	3	3	-	-	-	-	-	1	1	-	-	-	-
	BID305	1	-	3	3	1	2	-	-	-	-	-	-	-	-	1	-	-	-	-	-
	BID306	1	1	-	-	2	-	3	3	3	-	-	-	-	-	-	-	-	-	-	-
	BID307	1	3	1	-	3	-	-	3	3	-	-	-	-	3	-	-	-	-	2	-
	BID401	3	3	3	3	2	2	2	3	3	2	1	2	3	1	3	3	-	-	2	-
	BID402	2	1	3	2	2	2	-	1	-	2	1	2	3	1	1	1	-	-	2	-
	BID403	2	2	2	3	1	2	1	1	-	-	-	-	2	-	3	1	-	-	2	-
IV	BID404	3	-	2	3	1	2	1	1	-	1	2	2	2	-	1	1	-	-	2	-
	BID405	3	1	1	1	1	1	-	3	3	3	2	2	1	1	3	3	-	-	-	-
	BID406	3	3	3	3	3	2	3	2	3	3	2	3	-	-	1	3	-	-	2	-
	BID407	3	2	3	3	2	2	2	2	3	3	-	-	-	1	1	3	-	-	-	-
	BID501	3	3	3	3	2	2	2	3	3	3	1	2	3	1	3	1	-	-	2	-
	BID502	2	1	3	2	2	2	1	1	-	1	1	2	3	1	1	1	-	-	-	-
V	BID503	2	1	2	3	-	3	1	1	-	-	3	-	2	3	3	1	-	-	2	-
V	BID504	2	1	1	3	-	3	-	-	-	-	3	-	2	3	3	1	-	-	2	-
	BID505	1	1	-	-	1	-	3	3	3	-	-	1	-	3	1	1	3	-	-	-
	BID506	3	3	3	3	2	2	3	3	2	3	3	3	3	1	3	3	-	-	2	-
	BID601	3	3	3	3	2	2	2	3	3	3	3	1	3	1	3	3	-	-	2	-
	BID602	1	-	3	3	2	2	2	3	3	-	2	1	-	-	3	3	3	-	-	-
	BID603	3	3	2	2	1	1	1	3	3	1	2	2	2	3	3	3	-	-	-	-
VI	BID604	3	2	3	3	2	2	2	3	3	3	2	3	3	-	3	3	-	-	2	-
	BID605	2	-	1	3	-	-	-	-	-	-	-	-	-	3	3	-	-	-	-	-
	BID606	3	2	3	3	1	2	2	3	3	-	3	-	-	-	3	2	-	-	-	-
	BID607	2	3	3	3	1	2	2	3	3	1	-	-	-	3	3	2	-	-	-	-
VII	BID701	3	3	3	3	2	3	1	3	2	1	-	3	3	3	3	ı	-	-	2	-
VIII	BID 801	3	3	3	3	2	2	2	3	3	1	3	2	3	3	3	3	-	-	2	-

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BID 802	-	-	-	-	1	1	-	1	-	-	-	-	3	3	2	3	3	3	-	3
BID 803	1	-	2	1	1	2	-	2	1	-	1	-	2	3	2	1	2	-	-	-
BID 804	3	1	2	2	2	1	-	2	2	1	-	2	-	-	-	1	-	-	-	-
BID 805	1	3	1	1	2	1	2	1	2	1	1	-	2	1	2	-	-	-	-	-

DEPARTMENT OF ARCHITECTURE & PLANNING

Course Handout

Course: Professional Practice

Course Code: BID 802, Crédits: 03, Session: 2021-22 (Odd Sem.), Class: BID 4th Year

Faculty Name: Ar. Manish Kumar Chitranshi

Introduction:Lecture based learning along with exercises as tutorials related on the lecture delivery. Preparing a report of study of an interior designer's office.

A. Course Outcomes: At the end of the course, students will be able to: CO1: Role of an interior designer in society, Scale of charges conduct in the practice. Requirements of interior design competitions and appointment of contractor for interior works.

CO2: To acquaint the students with role of an interior designer in society, scale of charges conducts in the practice.

CO3:Requirements of interior design competitions and appointment of contractor for interior works.

B. Programme Outcomes:

- **PO1. Design Knowledge:** Incorporate a global perspective when making design decisions, based on sustainable, socio-economic, and cultural contexts.
- **PO2. Problem Analysis:** Apply theories of human behaviour to human-centered design solutions.
- PO3. Design/Development of Solutions: Apply the design process to generate

- creative solutions to complex problems optimizing the human experience within the interior environment. Apply theory, psychology, and methodology of color to designs of the interior environment.
- **PO4. Individual and Team Work:** Collaborate in multi-disciplinary teams respecting a variety of points of view and perspectives that enrich the process and product of the team.
- **PO5. Communication:** Communicate complex ideas clearly to specialists and non-specialists through appropriate oral, written, and representational media.
- **PO6. Life Long Learning:** Exemplify accepted standards of professionalism and business practice including a commitment to engage in lifelong learning.
- **PO7. Context and Society:** Analyze interiors, architecture, the decorative arts, and art within a historical and cultural context to inform contemporary design solutions that relate with the society for whom the design solution is to be provided.
- **PO8. Synthesis of Concepts:** Synthesize theories and concepts of spatial definition and organization into multi-dimensional design solutions.
- **PO9. Modern Technique usage:** Specify furniture, fixtures, and equipment's of finish materials to meet the design criteria for a variety of interior spaces.
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- **PO11. Ethics:** Comply with laws, codes, and standards that impact fire safety and life safety.
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C. Programme Specific Outcomes:

As part of the school's charter and mission, Amity School of Architecture and Planning is providing a vibrant planning environment, ensuring its undergraduates are not only valued by the planning practice, but are also able to:

PSO1. Demonstrate critical thinking as they identify, analyze, and solve interior architecture and design problems through completion of interior design studio projects. Apply creative and critical thinking to solve interior environment problems from a human-cantered approach and apply this knowledge to design solutions.

PSO2. Demonstrate preparation for global design practice by incorporating cultural norms of user populations and applying that knowledge to design solutions that support globally diverse end users.

PSO3. Demonstrate effective visual, verbal, and written communication.

PSO4. Apply ethical and professional practices.

PSO5. Demonstrate social responsibility by designing sustainable interior environments that support indoor environmental quality and improve the quality of life for occupants.

PSO6. Engage in integrative professional design practice by contributing interior architecture and design expertise to collaborative design teams.

Assessment Plan:

Component	Description	Code	Weightage
of Evaluation			%
Continuous Internal	Mid Term	СТ	10%
Evaluation	Seminar/Quiz/ Assignment	S/Q/A	15%
Attendance	A minimum of 75% Attendance is required to be maintained by a studentto be qualified for taking up the End Semester examination. The allowance of 25% includes all types of leaves including medical leaves.	A	5%
End Semester Examination	End Semester (Viva-Voce)	EE	70%
Total	(100%

D. Syllabus

Module I: Introduction

Contract and conditions of engagement for interior projects

Module II: Duties

Responsibilities, liabilities and duties of interior designer.

Module III: Contract Document

Terms and conditions for entering into a Contact, Scale of charges and

mode of payment for the professional services to be offered.

Examination Scheme:

Components	Attendance	Mid-Term	Assignment	EE
Weightage (%)	5	10	15	70

CT: Class Test, A: Assignment, S/V/Q: Seminar/Viva/Quiz, EE: End Semester Examination; A: Attendance

E. Suggested Text/Reference Books:

- A Visual Dictionary of Architecture, Francis D.K. Ching [2] Creative Interiors (Design of Enclosed Space), Shashi Jain [3] Commercial Interior Perspectives, Graphic - Sha (Editor) [4] Design with Wood, Carol Soucek King
- Drywall (Pro Tips for Hanging & Finishing), John D. Wagner
- Graphic Interiors (Space Designed by Graphic Artists), Corina Dean [7] Interior design illustrated, Francis D.K. Ching
- Graphic Interiors (Space Designed by Graphic Artists), Corina Dean
- Home Plumbing (The David & Charles Manual of), Ernest Hall
- House Book (The Complete Guide to Home Design), Terence Conran [12] Illustration + Perspectives (In Pantone Colors), Eiji Mitooka
- Elements of Architecture, Meiss Pieree Von

☐ A Visual Dictionary of Architecture Francis D K Ching

• Architecture: Form, Space and Order, Francis D.K. Ching

References:

☐ Interior design illustrated, Francis D.K. Ching
\square House Book (The Complete Guide to Home Design), Terence Conran
☐ Masonry (Concrete, Brick, Stone), Christine Beall
☐ Metric Handbook (Planning & Design Data) 2nd Ed. Edited By, David Adler
☐ Window Fashion, Charles T. Randall
☐ Illustration + Perspectives (In Pantone Colors), Eiji Mitooka
☐ Elements of Architecture, Meiss Pieree Von
☐ Architecture: Form, Space and Order, Francis D.K. Ching
☐ The Construction of Building Vol- 1 to 5, R. Barry

☐ Building Construction, N.L. Arora &, B.R. Gupta
☐ Interior Detail — 1 (Residence), Jeong, Kwang Young
☐ Interior Spaces Vol — 6 (A Pictorial Review) Image Publishing Group

F. Lecture Plan

Lecture	Topics	Mode of Delivery	Correspon ding CO	Mode of Assessing CO
1.	Contract and conditions of engagement for interior projects	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
2.	Contract and conditions of engagement for interior projects	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
3.	Contract and conditions of engagement for interior projects	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
4.	Contract and conditions of engagement for interior projects	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
5.	Contract and conditions of engagement for interior projects	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
6.	Contract and conditions of engagement for interior projects	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
7.	Contract and conditions of engagement for interior projects	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
8.	Contract and conditions of engagement for interior projects	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam

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9.	Contract and conditions of	Lecture	CO1	Mid Term-
	engagement for interior			1, Quiz &
	projects			End Sem
				Exam
10.	Contract and conditions of	Lecture	CO1	Mid Term-
	engagement for interior			1, Quiz &
	projects			End Sem
				Exam
11.	Contract and conditions of	Lecture	CO1	Mid Term-
	engagement for interior			1, Quiz &
	projects			End Sem
				Exam
12.	Contract and conditions of	Lecture	CO1	Mid Term-
	engagement for interior			1, Quiz &
	projects			End Sem
				Exam
13.	Contract and conditions of	Lecture	CO1	Mid Term-
	engagement for interior			1, Quiz &
	projects			End Sem
				Exam
14.	Contract and conditions of	Lecture	CO1	Mid Term-
	engagement for interior			1, Quiz &
	projects			End Sem
				Exam
15.	Contract and conditions of	Lecture	CO1	Mid Term-
	engagement for interior			1, Quiz &
	projects			End Sem
				Exam
16.	Responsibilities, liabilities	Lecture	CO2	Mid Term-
	and duties of interior			1, Quiz &
	designer			End Sem
				Exam
17.	Responsibilities, liabilities	Lecture	CO2	Mid Term-
	and duties of interior			1, Quiz &
	designer			End Sem
				Exam
18.	Responsibilities, liabilities	Lecture	CO2	Mid Term-
	and duties of interior			1, Quiz &
	designer			End Sem
				Exam
19.	Responsibilities, liabilities	Lecture	CO2	Mid Term-
	and duties of interior			1, Quiz &
	designer			End Sem
				Exam

26	B 9.99 0.199	T	600	n a: 1 ==
20.	Responsibilities, liabilities	Lecture	CO2	Mid Term-
	and duties of interior			1, Quiz &
	designer			End Sem
				Exam
21.	Responsibilities, liabilities	Lecture	CO2	Mid Term-
	and duties of interior			2, Quiz &
	designer			End Sem
				Exam
22.	Responsibilities, liabilities	Lecture	CO2	Mid Term-
	and duties of interior			2, Quiz &
	designer			End Sem
				Exam
23.	Responsibilities, liabilities	Lecture	CO2	Mid Term-
	and duties of interior			2, Quiz &
	designer			End Sem
				Exam
24.	Responsibilities, liabilities	Lecture	CO2	Mid Term-
	and duties of interior			2, Quiz &
	designer			End Sem
				Exam
25.	Responsibilities, liabilities	Lecture	CO2	Mid Term-
	and duties of interior	200000	332	2, Quiz &
	designer			End Sem
	designe.			Exam
26.	Responsibilities, liabilities	Lecture	CO2	Mid Term-
	and duties of interior	200000	332	2, Quiz &
	designer			End Sem
	designe.			Exam
27.	Responsibilities, liabilities	Lecture	CO2	Mid Term-
	and duties of interior	Lectare	302	2, Quiz &
	designer			End Sem
	designer			Exam
28.	Responsibilities, liabilities	Lecture	CO2	Mid Term-
20.	and duties of interior	Lecture	602	2, Quiz &
	designer			End Sem
	designer			Exam
29.	Responsibilities, liabilities	Lecture	CO2	Mid Term-
23.	and duties of interior	Lecture	CO2	2, Quiz &
				End Sem
	designer			Exam
30.	Posponsibilities liabilities	Locture	CO2	Mid Term-
50.	Responsibilities, liabilities	Lecture	COZ	
	and duties of interior			2, Quiz &
	designer			End Sem
				Exam

31.	Terms and conditions for	Lecture	CO3	Mid Term-
	entering into a Contact,			2, Quiz &
	Scale of charges and			End Sem
				Exam
32.	mode of payment for the	Lecture	CO3	Mid Term-
	professional services to be			2, Quiz &
	offered			End Sem
				Exam
33.	Terms and conditions for	Lecture	CO3	Mid Term-
	entering into a Contact,			2, Quiz &
	Scale of charges and			End Sem
	Court of other good arrive			Exam
34.	mode of payment for the	Lecture	CO3	Mid Term-
54.	professional services to be	Lecture	603	2, Quiz &
	offered			End Sem
	Offered			Exam
35.	Terms and conditions for	Lecture	CO3	Mid Term-
55.		Lecture	COS	
	entering into a Contact,			2, Quiz &
	Scale of charges and			End Sem
				Exam
36.	mode of payment for the	Lecture	CO3	Mid Term-
	professional services to be			2, Quiz &
	offered			End Sem
				Exam
37.	Terms and conditions for	Lecture	CO3	Quiz &
	entering into a Contact,			End Sem
	Scale of charges and			Exam
38.	mode of payment for the	Lecture	CO3	Quiz &
	professional services to be			End Sem
	offered			Exam
39.	Terms and conditions for	Lecture	CO3	Quiz &
	entering into a Contact,			End Sem
	Scale of charges and			Exam
40	manda of the state of the	l a -!	603	0.1.0
40.	mode of payment for the	Lecture	CO3	Quiz &
	professional services to be			End Sem
	offered			Exam
41.	Terms and conditions for	Lecture	CO3	Quiz &
	entering into a Contact,			End Sem
	Scale of charges and			Exam
42.	mode of payment for the	Lecture	CO3	Quiz &
	professional services to be			End Sem
	offered			Exam

43.	Terms and conditions for entering into a Contact, Scale of charges and	Lecture	CO3	Quiz & End Sem Exam
44.	mode of payment for the professional services to be offered	Lecture	CO3	Quiz & End Sem Exam
45.	Terms and conditions for entering into a Contact, Scale of charges and	Lecture	CO3	Quiz & End Sem Exam

G. Course Articulation Matrix (Mapping of COs with POs)

СО	STATEMENT		СО	OUTCOMES												CORRELATION WITH PROGRAMME SPECIFIC OUTCOMES			
		P O 1	P O 2	P O 3	P O 4	P O 5	P O 6	P O 7	P O 8	P O 9	P O 1	P O 1	P O 1	PS O1	PS O2	PS O3	PS 04	PS 05	
CO 01	Role of an interior designer in society, Scale of charges conduct in the practice. Requirements of interior design competitions and appointment of contractor for interior works.																		
CO 02	To acquaint the students with role of an interior designer in society, scale of charges conducts in the practice.																		

CO 03	Requirements of									
	interior design									
	competitions and									
	appointment of									
	contractor									
	for interior works.									

Sample Question Paper

Amity School of Architecture & Planning I MID-SEMESTER (SEM –VIII) 2021-22										
		Class: BID VIII Se	emester							
Subject Name: BID Professional Practi		Time: 2 Hrs			Ма	Max. Marks: 30				
Levels of the questions as per Blooms Taxonomy	Remembering	Understanding	Applying	Analyz	zing	Evaluating	Creating			
Question Mapping	Q.1,4	Q.2,3	Q.4	Q.2,5,	6					

Student will be able to

CO1: List the broad perceptive of cloud architecture and model. CO2: Apply different cloud programming models as per need.

CO Map	Question No.	Question	Marks
CO1	Q.1	Explain in brief the cloud computing concept.	3
CO1	Q.2a	What are the essential characteristics of cloud computing?	3
	Q.2b	How is cloud computing requirements and cloud servicerequirement services related to each other?	3
CO1	Q.3	Sketch NIST Cloud Computing Reference Architecture and depictits elements	6
CO2	Q.4	Explain the significance of Cloud Reference Model	3

CO2	Q.5a	Elaborate different cloud types with example.	3
CO2	Q.5b	Write characteristics of private cloud.	3
CO2	Q6	How virtualization is applied in cloud computing scenario?	6

Attainments		Rubric
Lovel	1 1	UF 600% of students secure more than 600% marks than level 1
Level	1	IF 60% of students secure more than 60% marks then level 1
Level	2	IF 70% of students secure more than 60% marks then level 2
Level	3	IF 80% of students secure more than 60% marks then level 3

Course outcome: Based on internal and external assessment the level of Course outcome attainment of the course BID/Course code BID 802 is level 2 for the academic year 2021-2022.



AMITY UNIVERSITY MADHYA PRADESH, GWALIOR AMITY SCHOOL OF ARCHITECTURE AND PLANNING DEPARTMENT OF ARCHITECTURE AND PLANNING

PROGRAMME OUTCOMES AND PROGRAMME SPECIFIC OUTCOMES Bachelor of Interior Design (BID), Academic Year – 2021-22

Program Outcomes:

- **PO1. Design Knowledge:** Incorporate a global perspective when making design decisions, based on sustainable, socio-economic, and cultural contexts.
- PO2. Problem Analysis: Apply theories of human behaviour to human-centered design solutions.
- **PO3.** Design/Development of Solutions: Apply the design process to generate creative solutions to complex problems optimizing the human experience within the interior environment. Apply theory, psychology, and methodology of color to designs of the interior environment.
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PO12. Project/Construction Management: Produce construction drawings and documents using industry standards for a variety of interior spaces. Employ environment-behaviour research methodologies to address open-ended problems in interior design.

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PSO6. Engage in integrative professional design practice by contributing interior architecture and design expertise to collaborative design teams.

Note: - Correlation levels 1, 2 and 3 as defined below:

1: Slight (Low), 2: Moderate (Medium) and 3: Substantial (High)

If there is no correlation, put "-"

						P	ROG	RAN	1ME	ARTI	CULA	TIOI	N MA	ATRIX	(
SEM	SUBJECT CODE	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12	PO 13	PO 14	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5	PSO 6
	BID101	3	3	3	3	2	1	2	3	3	1	1	3	3	1	3	3	-	-	2	-
	BID102	2	2	3	2	2	1	-		1	2	2	2	-	1	1	3	-	-	-	-
	BID103	2	2	1	-	3	1	2	3	3	2	1	1	2	2	3	3	1	-	-	-
- 1	BID104	1	1	1	2	-	-	-	2	-	-	-	2	-	-	1	1	-	-	-	-
	BID105	3	2	3	2	1	1	2	3	1	2	-	3	-	1	3	3	-	-	2	-
	BID106	-	1	-	-	-	-	3	2	-	-	-	-	-	1	1	1	-	-	-	-
	BID107	3	2	3	3	1	1	3	-	3	3	-	3	2	3	3	3	3	-	-	-
	BID201	3	2	3	3	2	2	2	3	3	1	1	3	3	1	3	3	-	-	2	-
	BID202	3	-	3	2	2	2	-	1	1	1	3	3	2	1	1	2	-	-	-	-
	BID203	2	2	1	1	3	2	2	3	3	2	1	2	2	1	3	3	1	-	2	-
П	BID204	1	3	1	-	-	-	-	1	1	-	-	2	-	1	1	1	-	-	-	-
	BID205	1	-	3	3	1	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-
	BID206	1	1	-	-	-	-	3	3	3	-	-	-	-	-	1	3	-	-	-	-
	BID207	3	-	1	3	1	1	-	1	3	3	3	3	3	3	3	3	3	-	-	-
	BID301	3	3	3	3	2	2	2	3	3	1	1	2	3	1	3	3	-	-	2	-
	BID302	2	-	3	2	2	2	-	1	1	1	2	2	2	1	1	1	-	-	-	-
	BID303	2	2	2	2	-	3	2	-	1	-	-	-	2	-	1	1	-	-	-	-
Ш	BID304	3	3	-	-	3	-	-	3	3	-	-	-	-	-	1	1	-	-	-	-
	BID305	1	-	3	3	1	2	-	-	-	-	-	-	-	-	1	-	-	-	-	-
	BID306	1	1	-	-	2	-	3	3	3	-	-	-	-	-	-	-	-	-	-	-
	BID307	1	3	1	-	3	-	-	3	3	-	-	-	-	3	-	-	-	-	2	-
	BID401	3	3	3	3	2	2	2	3	3	2	1	2	3	1	3	3	-	-	2	-
	BID402	2	1	3	2	2	2	-	1	-	2	1	2	3	1	1	1	-	-	2	-
	BID403	2	2	2	3	1	2	1	1	-	-	-	-	2	-	3	1	-	-	2	-
IV	BID404	3	-	2	3	1	2	1	1	-	1	2	2	2	-	1	1	-	-	2	-
	BID405	3	1	1	1	1	1	-	3	3	3	2	2	1	1	3	3	-	-	-	-
	BID406	3	3	3	3	3	2	3	2	3	3	2	3	-	-	1	3	-	-	2	-
	BID407	3	2	3	3	2	2	2	2	3	3	-	-	-	1	1	3	-	-	-	-
	BID501	3	3	3	3	2	2	2	3	3	3	1	2	3	1	3	1	-	-	2	-
	BID502	2	1	3	2	2	2	1	1	-	1	1	2	3	1	1	1	-	-	-	-
V	BID503	2	1	2	3	-	3	1	1	-	-	3	-	2	3	3	1	-	-	2	-
V	BID504	2	1	1	3	-	3	-	-	-	-	3	-	2	3	3	1	-	-	2	-
	BID505	1	1	-	-	1	-	3	3	3	-	-	1	-	3	1	1	3	-	-	-
	BID506	3	3	3	3	2	2	3	3	2	3	3	3	3	1	3	3	-	-	2	-
	BID601	3	3	3	3	2	2	2	3	3	3	3	1	3	1	3	3	-	-	2	-
	BID602	1	-	3	3	2	2	2	3	3	-	2	1	-	-	3	3	3	-	-	-
	BID603	3	3	2	2	1	1	1	3	3	1	2	2	2	3	3	3	-	-	-	-
VI	BID604	3	2	3	3	2	2	2	3	3	3	2	3	3	-	3	3	-	-	2	-
	BID605	2	-	1	3	-	-	-	-	-	-	-	-	-	3	3	-	-	-	-	-
	BID606	3	2	3	3	1	2	2	3	3	-	3	-	-	-	3	2	-	-	-	-
	BID607	2	3	3	3	1	2	2	3	3	1	-	-	-	3	3	2	-	-	-	-
VII	BID701	3	3	3	3	2	3	1	3	2	1	-	3	3	3	3	ı	-	-	2	-
VIII	BID 801	3	3	3	3	2	2	2	3	3	1	3	2	3	3	3	3	-	-	2	-

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BID 802	-	-	-	-	1	1	-	1	-	-	-	-	3	3	2	3	3	3	-	3
BID 803	1	-	2	1	1	2	-	2	1	-	1	-	2	3	2	1	2	-	-	-
BID 804	3	1	2	2	2	1	-	2	2	1	-	2	-	-	-	1	-	-	-	-
BID 805	1	3	1	1	2	1	2	1	2	1	1	-	2	1	2	-	-	-	-	-

DEPARTMENT OF ARCHITECTURE & PLANNING

Course Handout

Course: Lighting in Interiors

Course Code: BID 803, Crédits: 03, Session: 2021-22 (Odd Sem.), Class: BID 4th Year

Faculty Name: Ar. Manish Kumar Chitranshi

Introduction: The course will use a mix of drawings, Presentations & sketching,

Participants are encouraged to engage in active interaction through classroom participation.

A. Course Outcomes: At the end of the course, students will be able to: CO1: Illustrate the qualities of natural light and identify the roles of lighting system in artificial lighting also prepare lighting layouts, specify light, different type of applications.

CO2: To help the student understand day lighting and technology of artificial lighting

CO3: To equip the student to understand and successfully apply lighting techniques with colour effects.

B. Programme Outcomes:

PO1. Design Knowledge: Incorporate a global perspective when making design

- decisions, based on sustainable, socio-economic, and cultural contexts.
- **PO2. Problem Analysis:** Apply theories of human behaviour to human-centered design solutions.
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of Evaluation			%
Continuous Internal	Mid Term	СТ	10%
Evaluation	Seminar/Quiz/ Assignment	S/Q/A	15%
Attendance	A minimum of 75% Attendance is required to be maintained by a studentto be qualified for taking up the End Semester examination. The allowance of 25% includes all types of leaves including medical leaves.	A	5%
End Semester Examination	End Semester Examination	EE	70%
Total			100%

D. Syllabus

Module - I

INTRODUCTION TO DAY LIGHTING 8 Nature of light – Wavelength, Photometric

quantities – intensity, Flux, illumination and luminance, visual efficiency, sources of

light, day light factor concept, design sky concept, day lighting requirements.

Module - II

ARTIFICIAL LIGHTING 9 Electric lamps – incandescent, fluorescent, sodium vapour, mercury, halogen and neon. Different types of lights in interior and exterior - task lighting, special purpose lighting. Calculation of artificial lighting, guidelines for lighting design, Glare in artificial lighting.

Module - III

EFFECT OF COLOR IN LIGHTING: Colors, color schemes - Monochromatic, analogous, complementary colour schemes, triadic and tetradic schemes, effects of color in different areas, color temperature, psychological effects of colour in interiors, factors affecting colour, Prang theory – Colour wheel, Munsell system and Oswald system.

Module - IV

LUMINARES & FIXTURES: Definition, different luminaries for lighting, lighting control system- benefits & application, Impact of lighting, fixture types - free standing or portable, fixed, light fixture control. Lighting accessories- switches, sockets, fused connection units, lamp holders, ceiling roses etc.

Module - V

CASE STUDY

Study of projects based on different lighting concepts used in interiors and exteriors.

Examination Scheme:

Components	Attendance	Mid-Term	Assignment	EE
Weightage (%)	5	10	15	70

CT: Class Test, A: Assignment, S/V/Q: Seminar/Viva/Quiz, EE: End Semester Examination; A: Attendance

E. Suggested Text/Reference Books:

- 1. Benjamin Evans, "Daylight in Architecture", McGraw-Hill Book Company, Newyork,
- 2. Pritchard, D.C., "Lighting", Longman Scientific & Technical, Harlow. CURRICULUM AND SYLLABUS B. Des (Interior Design) 49
- 3. Medan Mehta. James Johnson, Jorge Rocafort, "Architectural Acoustics: Principles and Design", Prentice-Hall, New York, 1998.

References:

•	The Art of living- Randall whitehead,
☐ Li	ighting design, source book- Randall whitehead,
☐ Li	ight right- M.K.Halpeth, T.Senthil kumar, G.Harikumar

☐ Concepts of lighting, Lighting design in Architecture- Torquil Barker

F. Lecture Plan

Lecture	Topics	Mode of Delivery	Correspon ding CO	Mode of Assessing CO
1.	Wavelength, Photometric	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
2.	quantities – intensity, Flux, illumination and luminance, visual efficiency, sources of	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
3.	light, day light factor concept, design sky concept, day lighting requirements.	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam

4	Wayolongth Phatamatria	Lastina	CO1	NA: al T =
4.	Wavelength, Photometric	Lecture	CO1	Mid Term-
				1, Quiz &
				End Sem
		1	604	Exam
5.	quantities – intensity, Flux,	Lecture	CO1	Mid Term-
	illumination and luminance,			1, Quiz &
	visual efficiency, sources of			End Sem
				Exam
6.	light, day light factor concept,	Lecture	CO1	Mid Term-
	design sky concept, day			1, Quiz &
	lighting requirements.			End Sem
				Exam
7.	Wavelength, Photometric	Lecture	CO1	Mid Term-
				1, Quiz &
				End Sem
				Exam
8.	quantities – intensity, Flux,	Lecture	CO1	Mid Term-
	illumination and luminance,			1, Quiz &
	visual efficiency, sources of			End Sem
				Exam
9.	light, day light factor concept,	Lecture	CO1	Mid Term-
	design sky concept, day			1, Quiz &
	lighting requirements.			End Sem
				Exam
10.	ARTIFICIAL LIGHTING 9	Lecture	CO1	Mid Term-
	Electric lamps – incandescent,			1, Quiz &
	fluorescent, sodium vapour,			End Sem
				Exam
11.	mercury, halogen and neon.	Lecture	CO1	Mid Term-
	Different types of lights in			1, Quiz &
	interior and exterior - task			End Sem
				Exam
12.	lighting, special purpose	Lecture	CO1	Mid Term-
	lighting. Calculation of			1, Quiz &
	artificial lighting, guidelines			End Sem
	for			Exam
12	lighting design. Clare in	1	601	
13.	lighting design, Glare in artificial lighting.	Lecture	CO1	Mid Term-
	artinciai rigritirig.			1, Quiz &
				End Sem
4.	ADTIFICIAL LIGHTING C	<u>.</u>	601	Exam
14.	ARTIFICIAL LIGHTING 9	Lecture	CO1	Mid Term-
	Electric lamps – incandescent,			1, Quiz &
	fluorescent, sodium vapour,			End Sem
				Exam

			00:	
15.	mercury, halogen and neon. Different types of lights in	Lecture	CO1	Mid Term- 1, Quiz &
	interior and exterior - task			End Sem
				Exam
16.	lighting, special purpose	Lecture	CO2	Mid Term-
10.	lighting. Calculation of	Lecture	CO2	1, Quiz &
	artificial lighting, guidelines			End Sem
	for			Exam
				Exam
17.	lighting design, Glare in	Lecture	CO2	Mid Term-
	artificial lighting.			1, Quiz &
				End Sem
				Exam
18.	ARTIFICIAL LIGHTING 9	Lecture	CO2	Mid Term-
	Electric lamps – incandescent,			1, Quiz &
	fluorescent, sodium vapour,			End Sem
				Exam
19.	EFFECT OF COLOR IN	Lecture	CO2	Mid Term-
	LIGHTING: Colors, color			1, Quiz &
	schemes - Monochromatic,			End Sem
	analogous,			Exam
20.	complementary colour	Lecture	CO2	Mid Term-
	schemes, triadic and tetradic			1, Quiz &
	schemes, effects of color in			End Sem
				Exam
21.	different areas, color	Lecture	CO2	Mid Term-
	temperature, psychological			2, Quiz &
	effects of colour in interiors,			End Sem
				Exam
22.	factors affecting colour, Prang	Lecture	CO2	Mid Term-
	theory – Colour wheel,			2, Quiz &
	Munsell system and Oswald			End Sem
				Exam
23.	system.	Lecture	CO2	Mid Term-
				2, Quiz &
				End Sem
				Exam
24.	EFFECT OF COLOR IN	Lecture	CO2	Mid Term-
	LIGHTING: Colors, color			2, Quiz &
	schemes - Monochromatic,			End Sem
	analogous,			Exam
25.	complementary colour	Lecture	CO2	Mid Term-
	schemes, triadic and tetradic			2, Quiz &
	schemes, effects of color in			End Sem
				Exam
<u> </u>	L	1		1 =

26	different energy and a	1	602	B At al T
26.	different areas, color temperature, psychological	Lecture	CO2	Mid Term-
	effects of colour in interiors,			2, Quiz &
	effects of colour in interiors,			End Sem
	6	1.		Exam
27.	factors affecting colour, Prang	Lecture	CO2	Mid Term-
	theory – Colour wheel,			2, Quiz &
	Munsell system and Oswald			End Sem
				Exam
28.	LUMINARES & FIXTURES:	Lecture	CO2	Mid Term-
	Definition, different			2, Quiz &
	luminaries for lighting,			End Sem
	lighting control			Exam
29.	system- benefits &	Lecture	CO2	Mid Term-
	application, Impact of		332	2, Quiz &
	lighting, fixture types - free			End Sem
	standing or			Exam
30.	portable, fixed, light fixture	Lecture	CO2	Mid Term-
	control. Lighting accessories-			2, Quiz &
	switches, sockets, fused			End Sem
				Exam
31.	connection units, lamp	Lecture	CO3	Mid Term-
	holders, ceiling roses etc.			2, Quiz &
				End Sem
				Exam
32.	LUMINARES & FIXTURES:	Lecture	CO3	Mid Term-
	Definition, different			2, Quiz &
	luminaries for lighting,			End Sem
	lighting control			Exam
33.	system- benefits &	Lecture	CO3	Mid Term-
	application, Impact of	Lecture		2, Quiz &
	lighting, fixture types - free			End Sem
	standing or			Exam
_				
34.	portable, fixed, light fixture	Lecture	CO3	Mid Term-
	control. Lighting accessories-			2, Quiz &
	switches, sockets, fused			End Sem
				Exam
35.	connection units, lamp	Lecture	CO3	Mid Term-
	holders, ceiling roses etc.			2, Quiz &
				End Sem
				Exam
36.	LUMINARES & FIXTURES:	Lecture	CO3	Mid Term-
	Definition, different			2, Quiz &
	luminaries for lighting,			End Sem
	lighting control			Exam

37.	CASE STUDY	Lecture	CO3	Quiz & End Sem Exam
38.	Study of projects based on different lighting concepts used in interiors and exteriors.	Lecture	CO3	Quiz & End Sem Exam
39.	CASE STUDY	Lecture	CO3	Quiz & End Sem Exam
40.	Study of projects based on different lighting concepts used in interiors and exteriors.	Lecture	CO3	Quiz & End Sem Exam
41.	CASE STUDY	Lecture	CO3	Quiz & End Sem Exam
42.	Study of projects based on different lighting concepts used in interiors and exteriors.	Lecture	CO3	Quiz & End Sem Exam
43.	CASE STUDY	Lecture	CO3	Quiz & End Sem Exam
44.	Study of projects based on different lighting concepts used in interiors and exteriors.	Lecture	CO3	Quiz & End Sem Exam
45.	CASE STUDY	Lecture	CO3	Quiz & End Sem Exam

G. Course Articulation Matrix (Mapping of COs with POs)

СО	STATEMENT	CORRELATION WITH PROGRAMME																
		Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	PS	PS	PS	PS	PS
		О	0	0	0	0	0	0	0	0	0	0	0	01	O2	О3	04	05
		1	2	3	4	5	6	7	8	9	1	1	1					
											0	1	2					

	-	-	,		1		1	, ,		1	1	
CO 01	Illustrate the qualities of											
	natural light and identify											
	the roles of lighting											
	system in artificial lighting											
	also prepare lighting											
	layouts, specify light,											
	different type of											
	applications.											
CO 02	To help the student											
	understand day lighting											
	and technology of											
	artificial lighting.											
	a. a											
CO 03												
	understand and											
	successfully apply											
	lighting techniques with											
	colour											
	effects.											

Sample Question Paper

Amity School of Architecture & Planning I MID-SEMESTER (SEM –VIII) 2021-22															
Class: BID VIII Semester															
	Subject Name: BID 803 Time: 2 Hrs Max. Marks: 30 Lighting in Interiors														
Levels of the questions as per Blooms Taxonomy	Remembering	Understanding	Applying	Analyz	zing	Evaluating	Creating								
Question Mapping	Q.1,4	Q.2,3	Q.4	Q.2,5,	6										

Student will be able to

CO1: List the broad perceptive of cloud architecture and model.

CO2: Apply different cloud programming models as per need.

CO Map	Question No.	Question	Marks
CO1	Q.1	Explain in brief the cloud computing concept.	3
CO1	Q.2a	What are the essential characteristics of cloud computing?	3
	Q.2b	How is cloud computing requirements and cloud servicerequirement services related to each other?	3
CO1	Q.3	Sketch NIST Cloud Computing Reference Architecture and depictits elements	6
CO2	Q.4	Explain the significance of Cloud Reference Model	3
603	Q.5a	Elaborate different cloud types with example.	3
CO2	Q.5b	Write characteristics of private cloud.	3
CO2	Q 6	How virtualization is applied in cloud computing scenario?	6

Attainments		Rubric
Lavel		UF COOK of about a second as the account of the second at
Level	1	IF 60% of students secure more than 60% marks then level 1
Level	2	IF 70% of students secure more than 60% marks then level 2
Level	3	IF 80% of students secure more than 60% marks then level 3

Course outcome: Based on internal and external assessment the level of Course outcome attainment of the course BID/Course code BID803 is level 2 for the academic year 2021-2022.

AMITY UNIVERSITY MADHYA PRADESH, GWALIOR AMITY SCHOOL OF ARCHITECTURE AND PLANNING DEPARTMENT OF ARCHITECTURE AND PLANNING

PROGRAMME OUTCOMES AND PROGRAMME SPECIFIC OUTCOMES Bachelor of Interior Design (BID), Academic Year – 2021-22

Program Outcomes:

- **PO1. Design Knowledge:** Incorporate a global perspective when making design decisions, based on sustainable, socio-economic, and cultural contexts.
- PO2. Problem Analysis: Apply theories of human behaviour to human-centered design solutions.
- **PO3.** Design/Development of Solutions: Apply the design process to generate creative solutions to complex problems optimizing the human experience within the interior environment. Apply theory, psychology, and methodology of color to designs of the interior environment.
- **PO4. Individual and Team Work:** Collaborate in multi-disciplinary teams respecting a variety of points of view and perspectives that enrich the process and product of the team.
- **PO5. Communication:** Communicate complex ideas clearly to specialists and non-specialists through appropriate oral, written, and representational media.
- **PO6. Life Long Learning:** Exemplify accepted standards of professionalism and business practice including a commitment to engage in lifelong learning.
- **PO7. Context and Society:** Analyze interiors, architecture, the decorative arts, and art within a historical and cultural context to inform contemporary design solutions that relate with the society for whom the design solution is to be provided.
- **PO8. Synthesis of Concepts:** Synthesize theories and concepts of spatial definition and organization into multi-dimensional design solutions.
- **PO9. Modern Technique usage:** Specify furniture, fixtures, and equipment's of finish materials to meet the design criteria for a variety of interior spaces.
- **PO10.** Environment and Sustainability: Apply principles of lighting, acoustics, thermal comfort, and indoor air quality as required to enhance the health, safety, welfare, and performance of building occupants for overall sustainable development of the individuals.
- PO11. Ethics: Comply with laws, codes, and standards that impact fire safety and life safety.

PO12. Project/Construction Management: Produce construction drawings and documents using industry standards for a variety of interior spaces. Employ environment-behaviour research methodologies to address open-ended problems in interior design.

Program Specific Outcome:

As part of the school's charter and mission, Amity School of Architecture and Planning is providing a vibrant planning environment, ensuring its under-graduates are not only valued by the planning practice, but are also able to:

PSO1. Demonstrate critical thinking as they identify, analyze, and solve interior architecture and design problems through completion of interior design studio projects. Apply creative and critical thinking to solve interior environment problems from a human-cantered approach and apply this knowledge to design solutions.

PSO2. Demonstrate preparation for global design practice by incorporating cultural norms of user populations and applying that knowledge to design solutions that support globally diverse end users.

PSO3. Demonstrate effective visual, verbal, and written communication.

PSO4. Apply ethical and professional practices.

PSO5. Demonstrate social responsibility by designing sustainable interior environments that support indoor environmental quality and improve the quality of life for occupants.

PSO6. Engage in integrative professional design practice by contributing interior architecture and design expertise to collaborative design teams.

Note: - Correlation levels 1, 2 and 3 as defined below:

1: Slight (Low), 2: Moderate (Medium) and 3: Substantial (High)

If there is no correlation, put "-"

						P	ROG	RAN	1ME	ARTI	CULA	TIOI	N MA	ATRIX	(
SEM	SUBJECT CODE	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12	PO 13	PO 14	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5	PSO 6
	BID101	3	3	3	3	2	1	2	3	3	1	1	3	3	1	3	3	-	-	2	-
	BID102	2	2	3	2	2	1	-		1	2	2	2	-	1	1	3	-	-	-	-
	BID103	2	2	1	-	3	1	2	3	3	2	1	1	2	2	3	3	1	-	-	-
- 1	BID104	1	1	1	2	-	-	-	2	-	-	-	2	-	-	1	1	-	-	-	-
	BID105	3	2	3	2	1	1	2	3	1	2	-	3	-	1	3	3	-	-	2	-
	BID106	-	1	-	-	-	-	3	2	-	-	-	-	-	1	1	1	-	-	-	-
	BID107	3	2	3	3	1	1	3	-	3	3	-	3	2	3	3	3	3	-	-	-
	BID201	3	2	3	3	2	2	2	3	3	1	1	3	3	1	3	3	-	-	2	-
	BID202	3	-	3	2	2	2	-	1	1	1	3	3	2	1	1	2	-	-	-	-
	BID203	2	2	1	1	3	2	2	3	3	2	1	2	2	1	3	3	1	-	2	-
П	BID204	1	3	1	-	-	-	-	1	1	-	-	2	-	1	1	1	-	-	-	-
	BID205	1	-	3	3	1	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-
	BID206	1	1	-	-	-	-	3	3	3	-	-	-	-	-	1	3	-	-	-	-
	BID207	3	-	1	3	1	1	-	1	3	3	3	3	3	3	3	3	3	-	-	-
	BID301	3	3	3	3	2	2	2	3	3	1	1	2	3	1	3	3	-	-	2	-
	BID302	2	-	3	2	2	2	-	1	1	1	2	2	2	1	1	1	-	-	-	-
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	BID306	1	1	-	-	2	-	3	3	3	-	-	-	-	-	-	-	-	-	-	-
	BID307	1	3	1	-	3	-	-	3	3	-	-	-	-	3	-	-	-	-	2	-
	BID401	3	3	3	3	2	2	2	3	3	2	1	2	3	1	3	3	-	-	2	-
	BID402	2	1	3	2	2	2	-	1	-	2	1	2	3	1	1	1	-	-	2	-
	BID403	2	2	2	3	1	2	1	1	-	-	-	-	2	-	3	1	-	-	2	-
IV	BID404	3	-	2	3	1	2	1	1	-	1	2	2	2	-	1	1	-	-	2	-
	BID405	3	1	1	1	1	1	-	3	3	3	2	2	1	1	3	3	-	-	-	-
	BID406	3	3	3	3	3	2	3	2	3	3	2	3	-	-	1	3	-	-	2	-
	BID407	3	2	3	3	2	2	2	2	3	3	-	-	-	1	1	3	-	-	-	-
	BID501	3	3	3	3	2	2	2	3	3	3	1	2	3	1	3	1	-	-	2	-
	BID502	2	1	3	2	2	2	1	1	-	1	1	2	3	1	1	1	-	-	-	-
V	BID503	2	1	2	3	-	3	1	1	-	-	3	-	2	3	3	1	-	-	2	-
V	BID504	2	1	1	3	-	3	-	-	-	-	3	-	2	3	3	1	-	-	2	-
	BID505	1	1	-	-	1	-	3	3	3	-	-	1	-	3	1	1	3	-	-	-
	BID506	3	3	3	3	2	2	3	3	2	3	3	3	3	1	3	3	-	-	2	-
	BID601	3	3	3	3	2	2	2	3	3	3	3	1	3	1	3	3	-	-	2	-
	BID602	1	-	3	3	2	2	2	3	3	-	2	1	-	-	3	3	3	-	-	-
	BID603	3	3	2	2	1	1	1	3	3	1	2	2	2	3	3	3	-	-	-	-
VI	BID604	3	2	3	3	2	2	2	3	3	3	2	3	3	-	3	3	-	-	2	-
	BID605	2	-	1	3	-	-	-	-	-	-	-	-	-	3	3	-	-	-	-	-
	BID606	3	2	3	3	1	2	2	3	3	-	3	-	-	-	3	2	-	-	-	-
	BID607	2	3	3	3	1	2	2	3	3	1	-	-	-	3	3	2	-	-	-	-
VII	BID701	3	3	3	3	2	3	1	3	2	1	-	3	3	3	3	ı	-	-	2	-
VIII	BID 801	3	3	3	3	2	2	2	3	3	1	3	2	3	3	3	3	-	-	2	-

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BID 802	-	-	-	-	1	1	-	1	-	-	-	-	3	3	2	3	3	3	-	3
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BID 804	3	1	2	2	2	1	-	2	2	1	-	2	-	-	-	1	-	-	-	-
BID 805	1	3	1	1	2	1	2	1	2	1	1	-	2	1	2	-	-	-	-	-

DEPARTMENT OF ARCHITECTURE & PLANNING

Course Handout

Course: Film and Television set design

Course Code: BID 804, Crédits: 03, Session: 2021-22(Odd Sem.), Class: BID 4th Year

Faculty Name: Ar. Manish Kumar Chitranshi

Introduction: The course will use a mix of drawings, Presentations & sketching,

Participants are encouraged to engage in active interaction through classroom participation.

A. Course Outcomes: At the end of the course, students will be able to: CO1: The assignments will present varied design challenges, allowing students to explore theatrical space and to practice developing skills that students can keep in their 'tool kit'.

CO2: By the end of the class, students will be able to communicate their stage designs via storyboards, sketches, orthographic drawings, models, and text. Course Notes Class will begin as an online course using zoom for class sessions.

CO3: Learning and teaching with the help of videos during class. To create awareness and provide exposure about the design potential in theatre & cinema set design to architecture students, to inculcate the ability to translate the requirements of the script to physical manifestations according to the traditions followed in the theatre & cinema industry.

B. Programme Outcomes:

- **PO1. Design Knowledge:** Incorporate a global perspective when making design decisions, based on sustainable, socio-economic, and cultural contexts.
- **PO2. Problem Analysis:** Apply theories of human behaviour to human-centered design solutions.
- **PO3. Design/Development of Solutions:** Apply the design process to generate creative solutions to complex problems optimizing the human experience within the interior environment. Apply theory, psychology, and methodology of color to designs of the interior environment.
- **PO4. Individual and Team Work:** Collaborate in multi-disciplinary teams respecting a variety of points of view and perspectives that enrich the process and product of the team.
- **PO5. Communication:** Communicate complex ideas clearly to specialists and non-specialists through appropriate oral, written, and representational media.
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- **PO10. Environment and Sustainability:** Apply principles of lighting, acoustics, thermal comfort, and indoor air quality as required to enhance the health, safety, welfare, and performance of building occupants for overall sustainable development of the individuals.
- **PO11. Ethics:** Comply with laws, codes, and standards that impact fire safety and life safety.
- **PO12. Project/Construction Management:** Produce construction drawings and documents using industry standards for a variety of interior spaces. Employ environment-behaviour research methodologies to address open-ended problems in interior design.

C. Programme Specific Outcomes:

As part of the school's charter and mission, Amity School of Architecture and

Planning is providing a vibrant planning environment, ensuring its undergraduates are not only valued by the planning practice, but are also able to:

- **PSO1.** Demonstrate critical thinking as they identify, analyze, and solve interior architecture and design problems through completion of interior design studio projects. Apply creative and critical thinking to solve interior environment problems from a human-cantered approach and apply this knowledge to design solutions.
- **PSO2.** Demonstrate preparation for global design practice by incorporating cultural norms of user populations and applying that knowledge to design solutions that support globally diverse end users.
- **PSO3.** Demonstrate effective visual, verbal, and written communication.
- **PSO4.** Apply ethical and professional practices.
- **PSO5.** Demonstrate social responsibility by designing sustainable interior environments that support indoor environmental quality and improve the quality of life for occupants.
- **PSO6.** Engage in integrative professional design practice by contributing interior architecture and design expertise to collaborative design teams.

Assessment Plan:

Component	Description	Code	Weightage
of Evaluation			%
Continuous Internal	Mid Term	СТ	10%
Evaluation	Seminar/Quiz/ Assignment	S/Q/A	15%
Attendance	A minimum of 75% Attendance is required to be maintained by a studentto be qualified for taking up the End Semester examination. The allowance of 25% includes all types of leaves including medical leaves.	A	5%
End Semester Examination	End Semester Examination	EE	70%
Total			100%

D. Syllabus

Module – I Film and Society

Examination of the 20th century culture and society through film. Critical analysis of cultural and social conflicts are portrayed and worked out in popular films, and examination of how motion pictures create a window into modern society. Film as cultural text to better understand history and cultural manifestations.

Module - II History and Theater Film Set Design

Investigation the production methods, dramatic theory and conventions, and scene design of various performance media since the popularization of the motion picture, and how it has influenced all entertainment design in the 20th and 21st centuries.

Module – Graphic Design and Typography for Exhibit Design

Principles of layout for creating effective visual signage and explore the unique problems, technique, theory, and approaches of signage in film, theatre, and other forms of mediated exhibition. Introduction to the design applications for building signage.

Module – Set Design and Concept Wrap

Introduction to the basic concepts, through theory and practice, of scene design in theatre, film, and other fine arts and entertainment media. Students will learn how to analyze scripts for proper scenery, how to conceptualize designs that will translate into actual sets, and develop visual thinking within the creative process.

Module - Stage Design

Stage design process from inception to performance, script analysis, visual arts analysis, research skills, and the application of principles and elements of design. Understanding stage setting through language, color, and architectural analysis.

Examination Scheme:

Components	Attendance	Mid-Term	Assignment	EE
Weightage (%)	5	10	15	70

CT: Class Test, A: Assignment, S/V/Q: Seminar/Viva/Quiz, EE: End Semester Examination; A: Attendance

Text Reading:

- Model Making: Materials & Methods by David Neat
- Designer Drafting and Visualization, 2nd Edition by Patricia Woodbridge
- Theatrical Design & Production, 7th ed. by J. Michael Gilette (already purchased for 131/132ab)
- Sculpting Space in the Theater by Babak Ebrahimian

References:

- Baiche Bousmaha & Walliman Nicholas. Neufert Architect's data. Blackwell science ltd.
- Chiara De Joseph & crosbie.J.Michael. 1990. Time saver standards for building types.

McGraw Hill company

E. Lecture Plan

Lecture	Topics	Mode	Correspon	Mode of
		of	ding CO	Assessing
		Delivery		СО
1.	Examination of the 20th	Lecture	CO1	Mid Term-
	century culture and society			1, Quiz &
	through film. Critical analysis			End Sem
	of			Exam
2.	cultural and social conflicts	Lecture	CO1	Mid Term-
	are portrayed and worked out			1, Quiz &
	in popular films, and			End Sem
				Exam
3.	examination of how motion	Lecture	CO1	Mid Term-
	pictures create a window into			1, Quiz &
	modern society. Film as			End Sem
				Exam
4.	cultural text to better understand	Lecture	CO1	Mid Term-
	history and cultural			1, Quiz &
	manifestations.			End Sem
				Exam

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5.	Examination of the 20th century culture and society through film. Critical analysis of	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
6.	cultural and social conflicts are portrayed and worked out in popular films, and	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
7.	examination of how motion pictures create a window into modern society. Film as	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
8.	cultural text to better understand history and cultural manifestations.	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
9.	Examination of the 20th century culture and society through film. Critical analysis of	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
10.	Investigation the production methods, dramatic theory and conventions, and scene	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
11.	design of various performance media since the popularization of the motion picture,	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
12.	and how it has influenced all entertainment design in the 20th and 21st centuries.	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
13.	Investigation the production methods, dramatic theory and conventions, and scene	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
14.	design of various performance media since the popularization of the motion picture,	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
15.	and how it has influenced all entertainment design in the 20th and 21st centuries.	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam

16.	Investigation the production methods, dramatic theory and conventions, and scene	Lecture	CO2	Mid Term- 1, Quiz & End Sem Exam
17.	design of various performance media since the popularization of the motion picture,	Lecture	CO2	Mid Term- 1, Quiz & End Sem Exam
18.	and how it has influenced all entertainment design in the 20th and 21st centuries.	Lecture	CO2	Mid Term- 1, Quiz & End Sem Exam
19.	Principles of layout for creating effective visual signage and explore the unique	Lecture	CO2	Mid Term- 1, Quiz & End Sem Exam
20.	problems, technique, theory, and approaches of signage in film, theatre, and other	Lecture	CO2	Mid Term- 1, Quiz & End Sem Exam
21.	forms of mediated exhibition. Introduction to the design applications for building	Lecture	CO2	Mid Term- 2, Quiz & End Sem Exam
22.	signage.	Lecture	CO2	Mid Term- 2, Quiz & End Sem Exam
23.	Principles of layout for creating effective visual signage and explore the unique	Lecture	CO2	Mid Term- 2, Quiz & End Sem Exam
24.	problems, technique, theory, and approaches of signage in film, theatre, and other	Lecture	CO2	Mid Term- 2, Quiz & End Sem Exam
25.	forms of mediated exhibition. Introduction to the design applications for building	Lecture	CO2	Mid Term- 2, Quiz & End Sem Exam
26.	signage.	Lecture	CO2	Mid Term- 2, Quiz & End Sem Exam

27.	Principles of layout for	Lecture	CO2	Mid Term-
	creating effective visual signage and explore the			2, Quiz & End Sem
	unique			Exam
28.	Introduction to the basic	Lecture	CO2	Mid Term-
	concepts, through theory and practice, of scene design in			2, Quiz &
	practice, or seeme design in			End Sem Exam
29.	theatre, film, and other fine	Lecture	CO2	Mid Term-
	arts and entertainment			2, Quiz &
	media. Students will learn			End Sem
	how			Exam
30.	to analyze scripts for proper	Lecture	CO2	Mid Term-
	scenery, how to conceptualize designs that will			2, Quiz &
	designs that will			End Sem Exam
31.	translate into actual sets, and	Lecture	CO3	Mid Term-
31.	develop visual thinking within	Leotare		2, Quiz &
	the creative process.			End Sem
				Exam
32.	Introduction to the basic	Lecture	CO3	Mid Term-
	concepts, through theory and practice, of scene design in			2, Quiz & End Sem
	processor, or oscille design in			Exam
33.	theatre, film, and other fine	Lecture	CO3	Mid Term-
	arts and entertainment			2, Quiz &
	media. Students will learn			End Sem
	how			Exam
34.	to analyze scripts for proper	Lecture	CO3	Mid Term-
	scenery, how to conceptualize designs that will			2, Quiz &
	uesigns that will			End Sem
35.	translate into actual sets, and	Lecture	CO3	Exam Mid Term-
J.J.	develop visual thinking within	LCCIUIC		2, Quiz &
	the creative process.			End Sem
				Exam
36.	Introduction to the basic	Lecture	CO3	Mid Term-
	concepts, through theory and practice, of scene design in			2, Quiz &
	practice, or scene design in			End Sem
37.	Stage design process from	Lecture	CO3	Exam Quiz &
37.	inception to performance,	Lecture	1003	End Sem
	script analysis, visual arts			Exam

38.	analysis, research skills, and the application of principles and elements of design.	Lecture	CO3	Quiz & End Sem Exam
39.	Understanding stage setting through language, color, and architectural analysis.	Lecture	CO3	Quiz & End Sem Exam
40.	Stage design process from inception to performance, script analysis, visual arts	Lecture	CO3	Quiz & End Sem Exam
41.	analysis, research skills, and the application of principles and elements of design.	Lecture	CO3	Quiz & End Sem Exam
42.	Understanding stage setting through language, color, and architectural analysis.	Lecture	CO3	Quiz & End Sem Exam
43.	Stage design process from inception to performance, script analysis, visual arts	Lecture	CO3	Quiz & End Sem Exam
44.	analysis, research skills, and the application of principles and elements of design.	Lecture	CO3	Quiz & End Sem Exam
45.	Understanding stage setting through language, color, and architectural analysis.	Lecture	CO3	Quiz & End Sem Exam

F. Course Articulation Matrix (Mapping of COs with POs)

СО	STATEMENT		CORRELATION WITH PROGRAMME OUTCOMES										CORRELATION WITH PROGRAMME SPECIFIC OUTCOMES					
		P O 1	P O 2	P O 3	P O 4	P O 5	P O 6	P O 7	P O 8	P O 9	P O 1	P O 1	P O 1	PS O1	PS O2	PS O3	PS 04	PS 05
CO 01	Illustrate the qualities of natural light and identify the roles of lighting system in artificial lighting also prepare lighting layouts, specify light, different type of applications.										0	1	2					

CO 02	To help the student understand day lighting and technology of artificial lighting.									
CO 03	To equip the student to understand and successfully apply lighting techniques with colour effects.									

Sample Question Paper

Amity School of Architecture & Planning I MID-SEMESTER (SEM –VIII) 2021-22									
Class: BID VIII Semester									
Subject Name: BID Film and Television		Time: 2 Hrs		Max. Marks: 30					
Levels of the questions as per Blooms Taxonomy	Remembering	Understanding	Applying	Analyz	zing	Evaluating	Creating		
Question Mapping	Q.1,4	Q.2,3	Q.4	Q.2,5,	6				

Student will be able to

CO1: List the broad perceptive of cloud architecture and model.

CO2: Apply different cloud programming models as per need.

CO Map	Question No.	Question	Marks
CO1	Q.1	Explain in brief the cloud computing concept.	3
CO1	Q.2a	What are the essential characteristics of cloud computing?	3

	Q.2b	How is cloud computing requirements and cloud servicerequirement services related to each other?	3
CO1	Q.3	Sketch NIST Cloud Computing Reference Architecture and depictits elements	6
CO2	Q.4	Explain the significance of Cloud Reference Model	3
603	Q.5a	Elaborate different cloud types with example.	3
CO2	Q.5b	Write characteristics of private cloud.	3
CO2	Q6	How virtualization is applied in cloud computing scenario?	6

Attainments		Rubric
Level	1	IF 60% of students secure more than 60% marks then level 1
Level	2	IF 70% of students secure more than 60% marks then level 2
Level	3	IF 80% of students secure more than 60% marks then level 3

Course outcome: Based on internal and external assessment the level of Course outcome attainment of the course BID/Course code BID 804 is level 1 for the academic year 2021-2022.

AMITY UNIVERSITY MADHYA PRADESH, GWALIOR AMITY SCHOOL OF ARCHITECTURE AND PLANNING DEPARTMENT OF ARCHITECTURE AND PLANNING

PROGRAMME OUTCOMES AND PROGRAMME SPECIFIC OUTCOMES Bachelor of Interior Design (BID), Academic Year – 2021-22

Program Outcomes:

- **PO1. Design Knowledge:** Incorporate a global perspective when making design decisions, based on sustainable, socio-economic, and cultural contexts.
- PO2. Problem Analysis: Apply theories of human behaviour to human-centered design solutions.
- **PO3.** Design/Development of Solutions: Apply the design process to generate creative solutions to complex problems optimizing the human experience within the interior environment. Apply theory, psychology, and methodology of color to designs of the interior environment.
- **PO4. Individual and Team Work:** Collaborate in multi-disciplinary teams respecting a variety of points of view and perspectives that enrich the process and product of the team.
- **PO5. Communication:** Communicate complex ideas clearly to specialists and non-specialists through appropriate oral, written, and representational media.
- **PO6. Life Long Learning:** Exemplify accepted standards of professionalism and business practice including a commitment to engage in lifelong learning.
- **PO7. Context and Society:** Analyze interiors, architecture, the decorative arts, and art within a historical and cultural context to inform contemporary design solutions that relate with the society for whom the design solution is to be provided.
- **PO8. Synthesis of Concepts:** Synthesize theories and concepts of spatial definition and organization into multi-dimensional design solutions.
- **PO9. Modern Technique usage:** Specify furniture, fixtures, and equipment's of finish materials to meet the design criteria for a variety of interior spaces.
- **PO10.** Environment and Sustainability: Apply principles of lighting, acoustics, thermal comfort, and indoor air quality as required to enhance the health, safety, welfare, and performance of building occupants for overall sustainable development of the individuals.
- PO11. Ethics: Comply with laws, codes, and standards that impact fire safety and life safety.

PO12. Project/Construction Management: Produce construction drawings and documents using industry standards for a variety of interior spaces. Employ environment-behaviour research methodologies to address open-ended problems in interior design.

Program Specific Outcome:

As part of the school's charter and mission, Amity School of Architecture and Planning is providing a vibrant planning environment, ensuring its under-graduates are not only valued by the planning practice, but are also able to:

PSO1. Demonstrate critical thinking as they identify, analyze, and solve interior architecture and design problems through completion of interior design studio projects. Apply creative and critical thinking to solve interior environment problems from a human-cantered approach and apply this knowledge to design solutions.

PSO2. Demonstrate preparation for global design practice by incorporating cultural norms of user populations and applying that knowledge to design solutions that support globally diverse end users.

PSO3. Demonstrate effective visual, verbal, and written communication.

PSO4. Apply ethical and professional practices.

PSO5. Demonstrate social responsibility by designing sustainable interior environments that support indoor environmental quality and improve the quality of life for occupants.

PSO6. Engage in integrative professional design practice by contributing interior architecture and design expertise to collaborative design teams.

Note: - Correlation levels 1, 2 and 3 as defined below:

1: Slight (Low), 2: Moderate (Medium) and 3: Substantial (High)

If there is no correlation, put "-"

PROGRAMME ARTICULATION MATRIX SUBJECT PO PO PO PO PO PO PO P																					
SEM	SUBJECT CODE	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12	PO 13	PO 14	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5	PSO 6
	BID101	3	3	3	3	2	1	2	3	3	1	1	3	3	1	3	3	-	-	2	-
	BID102	2	2	3	2	2	1	-		1	2	2	2	-	1	1	3	-	-	-	-
	BID103	2	2	1	-	3	1	2	3	3	2	1	1	2	2	3	3	1	-	-	-
- 1	BID104	1	1	1	2	-	-	-	2	-	-	-	2	-	-	1	1	-	-	-	-
	BID105	3	2	3	2	1	1	2	3	1	2	-	3	-	1	3	3	-	-	2	-
	BID106	-	1	-	-	-	-	3	2	-	-	-	-	-	1	1	1	-	-	-	-
	BID107	3	2	3	3	1	1	3	-	3	3	-	3	2	3	3	3	3	-	-	-
	BID201	3	2	3	3	2	2	2	3	3	1	1	3	3	1	3	3	-	-	2	-
	BID202	3	-	3	2	2	2	-	1	1	1	3	3	2	1	1	2	-	-	-	-
	BID203	2	2	1	1	3	2	2	3	3	2	1	2	2	1	3	3	1	-	2	-
П	BID204	1	3	1	-	-	-	-	1	1	-	-	2	-	1	1	1	-	-	-	-
	BID205	1	-	3	3	1	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-
	BID206	1	1	-	-	-	-	3	3	3	-	-	-	-	-	1	3	-	-	-	-
	BID207	3	-	1	3	1	1	-	1	3	3	3	3	3	3	3	3	3	-	-	-
	BID301	3	3	3	3	2	2	2	3	3	1	1	2	3	1	3	3	-	-	2	-
	BID302	2	-	3	2	2	2	-	1	1	1	2	2	2	1	1	1	-	-	-	-
	BID303	2	2	2	2	-	3	2	-	1	-	-	-	2	-	1	1	-	-	-	-
Ш	BID304	3	3	-	-	3	-	-	3	3	-	-	-	-	-	1	1	-	-	-	-
	BID305	1	-	3	3	1	2	-	-	-	-	-	-	-	-	1	-	-	-	-	-
	BID306	1	1	-	-	2	-	3	3	3	-	-	-	-	-	-	-	-	-	-	-
	BID307	1	3	1	-	3	-	-	3	3	-	-	-	-	3	-	-	-	-	2	-
	BID401	3	3	3	3	2	2	2	3	3	2	1	2	3	1	3	3	-	-	2	-
	BID402	2	1	3	2	2	2	-	1	-	2	1	2	3	1	1	1	-	-	2	-
	BID403	2	2	2	3	1	2	1	1	-	-	-	-	2	-	3	1	-	-	2	-
IV	BID404	3	-	2	3	1	2	1	1	-	1	2	2	2	-	1	1	-	-	2	-
	BID405	3	1	1	1	1	1	-	3	3	3	2	2	1	1	3	3	-	-	-	-
	BID406	3	3	3	3	3	2	3	2	3	3	2	3	-	-	1	3	-	-	2	-
	BID407	3	2	3	3	2	2	2	2	3	3	-	-	-	1	1	3	-	-	-	-
	BID501	3	3	3	3	2	2	2	3	3	3	1	2	3	1	3	1	-	-	2	-
	BID502	2	1	3	2	2	2	1	1	-	1	1	2	3	1	1	1	-	-	-	-
V	BID503	2	1	2	3	-	3	1	1	-	-	3	-	2	3	3	1	-	-	2	-
V	BID504	2	1	1	3	-	3	-	-	-	-	3	-	2	3	3	1	-	-	2	-
	BID505	1	1	-	-	1	-	3	3	3	-	-	1	-	3	1	1	3	-	-	-
	BID506	3	3	3	3	2	2	3	3	2	3	3	3	3	1	3	3	-	-	2	-
	BID601	3	3	3	3	2	2	2	3	3	3	3	1	3	1	3	3	-	-	2	-
	BID602	1	-	3	3	2	2	2	3	3	-	2	1	-	-	3	3	3	-	-	-
	BID603	3	3	2	2	1	1	1	3	3	1	2	2	2	3	3	3	-	-	-	-
VI	BID604	3	2	3	3	2	2	2	3	3	3	2	3	3	-	3	3	-	-	2	-
	BID605	2	-	1	3	-	-	-	-	-	-	-	-	-	3	3	-	-	-	-	-
	BID606	3	2	3	3	1	2	2	3	3	-	3	-	-	-	3	2	-	-	-	-
	BID607	2	3	3	3	1	2	2	3	3	1	-	-	-	3	3	2	-	-	-	-
VII	BID701	3	3	3	3	2	3	ı	3	2	1	-	3	3	3	3	ı	-	-	2	-
VIII	BID 801	3	3	3	3	2	2	2	3	3	1	3	2	3	3	3	3	-	-	2	-

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BID 802	-	-	-	-	1	1	-	1	-	-	-	-	3	3	2	3	3	3	-	3
BID 803	1	-	2	1	1	2	-	2	1	-	1	-	2	3	2	1	2	-	-	-
BID 804	3	1	2	2	2	1	-	2	2	1	-	2	-	-	-	1	-	-	-	-
BID 805	1	3	1	1	2	1	2	1	2	1	1	-	2	1	2	-	-	-	-	-

DEPARTMENT OF ARCHITECTURE & PLANNING

Course Handout

Course: Vastushastra in Interior Design (Elective IV)

Course Code: BID 805, Crédits: 03, Session: 2021-22(Odd Sem.), Class: BID 4th Year
Faculty Name: Ar. Manish Kumar Chitranshi

Introduction: The course will use a mix of drawings, Presentations & sketching,

Participants are encouraged to engage in active interaction through classroom participation.

A. Course Outcomes: At the end of the course, students will be able to:
CO1: Illustrate the use of vastu shastra and develop skills for various vastu features.
Students will learn various ways to style the Interiors with respect to vastu shastra and adapt that restricted space to the concepts of Vastu Shastra.

CO2: To focus on the presentational skills of the students to express their vastushastra

understanding.

CO3: To explore various aspects and elements of vastushastra involved in design field, their usage in day to day life and try their hands on different aspects of vastushastra.

B. Programme Outcomes:

- **PO1. Design Knowledge:** Incorporate a global perspective when making design decisions, based on sustainable, socio-economic, and cultural contexts.
- **PO2. Problem Analysis:** Apply theories of human behaviour to human-centered design solutions.
- **PO3. Design/Development of Solutions:** Apply the design process to generate creative solutions to complex problems optimizing the human experience within the interior environment. Apply theory, psychology, and methodology of color to designs of the interior environment.
- **PO4. Individual and Team Work:** Collaborate in multi-disciplinary teams respecting a variety of points of view and perspectives that enrich the process and product of the team.
- **PO5. Communication:** Communicate complex ideas clearly to specialists and non-specialists through appropriate oral, written, and representational media.
- **PO6. Life Long Learning:** Exemplify accepted standards of professionalism and business practice including a commitment to engage in lifelong learning.
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- **PO10. Environment and Sustainability:** Apply principles of lighting, acoustics, thermal comfort, and indoor air quality as required to enhance the health, safety, welfare, and performance of building occupants for overall sustainable development of the individuals.
- **PO11. Ethics:** Comply with laws, codes, and standards that impact fire safety and life safety.
- **PO12. Project/Construction Management:** Produce construction drawings and documents using industry standards for a variety of interior spaces. Employ environment-behaviour research methodologies to address open-ended problems in interior design.

C. Programme Specific Outcomes:

As part of the school's charter and mission, Amity School of Architecture and Planning is providing a vibrant planning environment, ensuring its undergraduates are not only valued by the planning practice, but are also able to:

- **PSO1.** Demonstrate critical thinking as they identify, analyze, and solve interior architecture and design problems through completion of interior design studio projects. Apply creative and critical thinking to solve interior environment problems from a human-cantered approach and apply this knowledge to design solutions.
- **PSO2.** Demonstrate preparation for global design practice by incorporating cultural norms of user populations and applying that knowledge to design solutions that support globally diverse end users.
- **PSO3.** Demonstrate effective visual, verbal, and written communication.
- **PSO4.** Apply ethical and professional practices.
- **PSO5.** Demonstrate social responsibility by designing sustainable interior environments that support indoor environmental quality and improve the quality of life for occupants.
- **PSO6.** Engage in integrative professional design practice by contributing interior architecture and design expertise to collaborative design teams.

Assessment Plan:

Component	Description	Code	Weightage
of Evaluation			%
Continuous Internal	Mid Term	СТ	10%
Evaluation	Seminar/Quiz/ Assignment	S/Q/A	15%
Attendance	A minimum of 75% Attendance is required to be maintained by a studentto be qualified for taking up the End Semester examination. The allowance of 25% includes all types of leaves including medical leaves.	A	5%
End Semester Examination	End Semester Examination	EE	70%
Total			100%

D. Syllabus

Module - I

INTRODUCTION TO VASTUSHASTRA – Implementation of Vastu techniques; Elements of Vastushastra based on directions and building materials

Module – II

PRINCIPLES OF VASTUSHASTRA – Vastupurush Mandala; Doctrine of Orientation, Site Planning, Proportionate Measurement, Six Rules of Vedic Architecture, Aesthetics of the building

Module – III

IMPORTANCE OF VASTUSHASTRA: Site Orientation, Site Planning, Proportion, Dimension, Aesthetics: 'Chanda – aesthetics/form', Direction

Module - IV

APPLICATION AND IMPLEMENTAION OF VASTU PRINCIPLES IN INTERIOR DESIGN OF

SPACES: Placement of various items- household accessories, arrangement of furniture and furnishing, household equipment and materials; Use of Vastu compass; Colors, color schemes - Monochromatic, analogous, complementary colour schemes, vastu remedies for various spaces in residential spaces; Psychological and Physiological effect of vastu application on home dwellers

Module – V

CASE STUDY

Study of projects based on the use of vastushastra in interior design.

Examination Scheme:

Components	Attendance	Mid-Term	Assignment	EE
Weightage (%)	5	10	15	70

CT: Class Test, A: Assignment, S/V/Q: Seminar/Viva/Quiz, EE: End Semester Examination; A: Attendance

Text Reading:

- 1. JC Chaudhary, "Fundamentals of Vastu book"
- 2. Robert E. Svoboda, "Vastu breathing life into space", 10 October, 2020

Reference:

- Vastu Secrets in Modern Times
- Vastu Shastra: A beginners guide for Interior Designers

E. Lecture Plan

Lecture	Topics	Mode of Delivery	Correspon ding CO	Mode of Assessing CO
1.	INTRODUCTION TO VASTUSHASTRA – Implementation of Vastu techniques;	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
2.	Elements of Vastushastra based on directions and building materials	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
3.	INTRODUCTION TO VASTUSHASTRA – Implementation of Vastu techniques;	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
4.	Elements of Vastushastra based on directions and building materials	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam
5.	INTRODUCTION TO VASTUSHASTRA – Implementation of Vastu techniques;	Lecture	CO1	Mid Term- 1, Quiz & End Sem Exam

6.	Elements of Vastushastra based on directions and	Lecture	CO1	Mid Term- 1, Quiz &
	building materials			End Sem Exam
7.	INTRODUCTION TO VASTUSHASTRA –	Lecture	CO1	Mid Term- 1, Quiz &
	Implementation of Vastu techniques;			End Sem Exam
8.	Elements of Vastushastra based on directions and	Lecture	CO1	Mid Term- 1, Quiz &
	building materials			End Sem
9.	INTRODUCTION TO	Lecture	CO1	Exam Mid Term-
	VASTUSHASTRA – Implementation of Vastu			1, Quiz & End Sem
	techniques;			Exam
10.	PRINCIPLES OF VASTUSHASTRA –	Lecture	CO1	Mid Term- 1, Quiz &
	Vastupurush Mandala;			End Sem
	Doctrine of Orientation,			Exam
11.	Site Planning, Proportionate Measurement, Six Rules of	Lecture	CO1	Mid Term-
	Vedic Architecture,			1, Quiz & End Sem
				Exam
12.	Aesthetics of the building	Lecture	CO1	Mid Term-
				1, Quiz & End Sem
				Exam
13.	PRINCIPLES OF	Lecture	CO1	Mid Term-
	VASTUSHASTRA – Vastupurush Mandala;			1, Quiz &
	Doctrine of Orientation,			End Sem Exam
14.	Site Planning, Proportionate	Lecture	CO1	Mid Term-
	Measurement, Six Rules of			1, Quiz &
	Vedic Architecture,			End Sem Exam
15.	Aesthetics of the building	Lecture	CO1	Mid Term-
				1, Quiz &
				End Sem
1.0	DDINCIDIES OF	1 4	602	Exam
16.	PRINCIPLES OF VASTUSHASTRA –	Lecture	CO2	Mid Term- 1, Quiz &
	Vastupurush Mandala;			End Sem
	Doctrine of Orientation,			Exam

17	Site Planning, Proportionate	Lootura	CO2	Mid Torre
17.	Measurement, Six Rules of	Lecture	CO2	Mid Term-
	Vedic Architecture,			1, Quiz & End Sem
	, , , , , , , , , , , , , , , , , , , ,			
18.	Aesthetics of the building	Loctura	CO2	Exam Mid Term-
18.	Aestrictics of the building	Lecture	CO2	
				1, Quiz & End Sem
19.	IMPORTANCE OF	Lecture	CO2	Exam Mid Term-
19.	VASTUSHASTRA: Site	Lecture	CO2	
	Orientation, Site Planning,			1, Quiz & End Sem
	Proportion,			
				Exam
20.	Dimension, Aesthetics:	Lecture	CO2	Mid Term-
	'Chanda – aesthetics/form',			1, Quiz &
	Direction			End Sem
				Exam
21.	IMPORTANCE OF	Lecture	CO2	Mid Term-
	VASTUSHASTRA: Site			2, Quiz &
	Orientation, Site Planning,			End Sem
	Proportion,			Exam
22.	Dimension, Aesthetics:	Lecture	CO2	Mid Term-
	'Chanda – aesthetics/form',			2, Quiz &
	Direction			End Sem
				Exam
23.	IMPORTANCE OF	Lecture	CO2	Mid Term-
	VASTUSHASTRA: Site			2, Quiz &
	Orientation, Site Planning,			End Sem
	Proportion,			Exam
24.	Dimension, Aesthetics:	Lecture	CO2	Mid Term-
24.	'Chanda – aesthetics/form',	Lecture	CO2	2, Quiz &
	Direction			End Sem
				Exam
25.	IMPORTANCE OF	Lecture	CO2	Mid Term-
23.	VASTUSHASTRA: Site	Lecture	102	2, Quiz &
	Orientation, Site Planning,			End Sem
	Proportion,			Exam
26.	Dimension, Aesthetics:	Lecture	CO2	Mid Term-
	'Chanda – aesthetics/form',			2, Quiz &
	Direction			End Sem
_				Exam
27.	IMPORTANCE OF	Lecture	CO2	Mid Term-
	VASTUSHASTRA: Site			2, Quiz &
	Orientation, Site Planning, Proportion,			End Sem
	Troportion,			Exam

		1		
28.	APPLICATION AND IMPLEMENTAION OF VASTU PRINCIPLES IN INTERIOR DESIGN OF	Lecture	CO2	Mid Term- 2, Quiz & End Sem Exam
29.	SPACES: Placement of various items- household accessories, arrangement of	Lecture	CO2	Mid Term- 2, Quiz & End Sem Exam
30.	furniture and furnishing, household equipment and materials; Use of Vastu	Lecture	CO2	Mid Term- 2, Quiz & End Sem Exam
31.	compass; Colors, color schemes - Monochromatic, analogous, complementary	Lecture	CO3	Mid Term- 2, Quiz & End Sem Exam
32.	colour schemes, vastu remedies for various spaces in residential spaces;	Lecture	CO3	Mid Term- 2, Quiz & End Sem Exam
33.	Psychological and Physiological effect of vastu application on home dwellers	Lecture	CO3	Mid Term- 2, Quiz & End Sem Exam
34.	APPLICATION AND IMPLEMENTAION OF VASTU PRINCIPLES IN INTERIOR DESIGN OF	Lecture	CO3	Mid Term- 2, Quiz & End Sem Exam
35.	SPACES: Placement of various items- household accessories, arrangement of	Lecture	CO3	Mid Term- 2, Quiz & End Sem Exam
36.	furniture and furnishing, household equipment and materials; Use of Vastu	Lecture	CO3	Mid Term- 2, Quiz & End Sem Exam
37.	Study of projects based on the use of vastushastra in interior design.	Lecture	CO3	Quiz & End Sem Exam
38.	Study of projects based on the use of vastushastra in interior design.	Lecture	CO3	Quiz & End Sem Exam

39.	Study of projects based on the use of vastushastra in interior design.	Lecture	CO3	Quiz & End Sem Exam
40.	Study of projects based on the use of vastushastra in interior design.	Lecture	CO3	Quiz & End Sem Exam
41.	Study of projects based on the use of vastushastra in interior design.	Lecture	CO3	Quiz & End Sem Exam
42.	Study of projects based on the use of vastushastra in interior design.	Lecture	CO3	Quiz & End Sem Exam
43.	Study of projects based on the use of vastushastra in interior design.	Lecture	CO3	Quiz & End Sem Exam
44.	Study of projects based on the use of vastushastra in interior design.	Lecture	CO3	Quiz & End Sem Exam
45.	Study of projects based on the use of vastushastra in interior design.	Lecture	CO3	Quiz & End Sem Exam

F. Course Articulation Matrix (Mapping of COs with POs)

СО	STATEMENT		СО	RREI	ATIO	V NC	VITH	PRC)GRA	MM	ΙE			CORRELATION WITH					
						OUT	CON	1ES						PRO	GRAM	IME			
														SPEC	IFIC C	UTCC	MES		
		PPPPPPPPP											Р	PS	PS	PS	PS	PS	
		0												02	03	04	05		
		1	2	3	4	5	6	7	8	9	1	1	1	01	02		• •		
		_	_		•			'			0	1	2						
CO 01	Illustrate the use of vastu																		
	shastra and develop skills																		
	for various vastu features																		
	Students will learn various																		
	ways to style the Interiors																		
	with respect to vastu																		
	shastra and adapt that																		
	restricted space to the																		
	concepts of Vastu Shastra																		

CO 02	To focus on the presentational skills of the students to express their vastushastra understanding.									
CO 03	To explore various aspects and elements of vastushastra involved in design field, their usage in day to day life and try their hands on different aspects of vastushastra.									

Sample Question Paper

Amity School of Architecture & Planning I MID-SEMESTER (SEM –VIII) 2021-22										
Class: BID VIII Semester										
Subject Name: BID 805 Vastushastra in Interior Design (Elective IV)		Time: 2 Hrs			Max. Marks: 30					
Levels of the questions as per Blooms Taxonomy	Remembering	Understanding	Applying	Analyzi	ing	Evaluating	Creating			
Question Mapping	Q.1,4	Q.2,3	Q.4	Q.2,5,6						

Student will be able to

CO1: List the broad perceptive of cloud architecture and model. CO2: Apply different cloud programming models as per need.

CO Map	Question No.	Question	
CO1	Q.1	Explain in brief the cloud computing concept.	
CO1	Q.2a	What are the essential characteristics of cloud computing?	3
	Q.2b	How is cloud computing requirements and cloud servicerequirement services related to each other?	3
CO1	Q.3	Sketch NIST Cloud Computing Reference Architecture and depictits elements	6
CO2	Q.4	Explain the significance of Cloud Reference Model	3
CO2	Q.5a	Elaborate different cloud types with example.	
CO2	Q.5b	Write characteristics of private cloud.	3
CO2	Q6	How virtualization is applied in cloud computing scenario?	

Attainments		Rubric		
Level	1	IF 60% of students secure more than 60% marks then level 1		
Level	2	IF 70% of students secure more than 60% marks then level 2		
Level	3	IF 80% of students secure more than 60% marks then level 3		

Course outcome: Based on internal and external assessment the level of Course outcome attainment of the course BID/Course code BID 805 is level 1 for the academic year BID 2021-2022.

