

Minutes of the Academic Council Meeting held on 15.10.2019

Minutes of the Academic Council Meeting held on 15.10.2019 in the meeting room (105) under the Chairmanship of Dr. D. S. Rao.

The following members attended the meeting:

| Sr. No. | Name | Designation |
|---------|------------------------------|---------------------|
| 1. | Prof.(Dr.) D. S. Rao | Chairperson |
| 2. | Prof. Abhijit Shirodkar | Member |
| 3. | Prof. (Dr.) Khushal Vibhute | Member |
| 4. | Dr. Nitin Desai | Member |
| 5. | Dr. Shrikant Charhate | Member |
| 6. | Dr. Aradhana Khare | Member |
| 7. | Dr. A. K. S. Suryavanshi | Member |
| 8. | Prof. S. Raghava Chari | Member |
| 9. | Dr. Manjiree Vaidya | Member |
| 10. | Dr. Gautam Gawali | Member |
| 11. | Dr. Divya Pandey | Member |
| 12. | Dr. Manoj Devare | Member |
| 13. | Mr. Bhuvanesh Gowda | Member |
| 14. | Dr. Kunwar Siddharth Dadhwal | Member |
| 15. | Dr. Ravi Manuja | Member Secretary |
| 16. | Ms Mohadessa Dehghani | Special Invitee |
| 17. | Dr. Santhanakrishnan Raman | Special Invitee |
| 18. | Dr. Dattatray Jaysing Late | Special Invitee |

Agenda Item No. 1. : Introductory Remarks by the Worthy Vice Chancellor

The meeting began with the introductory remarks by the worthy Vice Chancellor, Prof. (Dr.) D. S. Rao. He particularly talked about the processes and the systems governing the Academic and Administrative functioning of AUM.

Item No. 2: Confirmation of the minutes of the previous Academic Council meeting held on 02.08.2019

The minutes of the last Academic Council meeting held on 02.08.2019 which had earlier been circulated among the members of the Academic Council were placed before the members and confirmed..

Item No. 3: Information on Results declared

Dr. Santhanakrishnan Raman (Dy. COE), provided a detailed information on results of the semesters through a ppt. Various aspects of the results were discussed..

Item No. 4: Passing Criteria of various courses

The passing criteria of various courses was discussed after Dr. Santhanakrishnan Raman shared it with the Board through a presentation.

Item No. 5: To consider reports of BOS in the following disciplines for approval

The reports of the BOS meetings of all the AUM Schools were submitted by the respective School Heads. The Chairperson intervened personally to clarify the issues from the Administrative point of view and also made the position of the Management extremely clear, particularly as to the programs to be continued / discontinued.

Summary of the BOS minutes:

MINUTES OF BOARD OF STUDIES MEETING

5.1 Amity Business School

Minutes

| Agenda No. | Agenda Item | Minutes | Responsibility | Action taken |
|------------|---|---|--|----------------------|
| 1 | To approve Minutes of previous Board of Studies | Permission of Board members were taken to approve Minutes of previous meeting no 03 Taken to approve the minutes of the previous BOS held on 22/06/2019. | Dr A K S Suryavanshi | Final approval taken |
| 2 | To approve Acton Taken report related to previous 'BoS' meeting | With the permission of Board member, the action taken related to previous BOS is approved. | Dr A K S Suryavanshi | Approved. |
| 3 | To consider overall Credit Structure proposed for academic year 2019-20 onwards | 1.The Credit structure of MBA is reduced to 130 to 120 credits. 2. BBA course credits changed from 150 to 152 | All Faculty members All Faculty members | Completed |

| | | | | |
|---|--|---|-------------------|-------------------------|
| | | 3.Prof Parmod Shetty suggested reconsidering numbers of hours for 1 credit course. | | |
| 4 | To consider credit structure and syllabus of MBA 2019-21, Semester 1 (Odd sem) | <p>The following changes and suggestions are made as per the specializations by area heads</p> <p>Sem I will be common for all the specialization with uniform course codes.</p> <p>Banking and Finance -SEM I &SEM II</p> <ol style="list-style-type: none"> 1. Removal of Financial Environment course 2. Removal of International Business &Practices for Banking and Finance. 3. Title change of the course General Banking operations to Banking Operations 4. Legal and Regulatory aspects of Banking reduced to 3 credits 5. Removal unit three from Technology in banking <p>Suggestions made Prof Pramod Shetty: Reconsider and revamp the syllabus of technology in banking.</p> <p>Suggestions made by Alumni Sethuram Madathil/ Pramod Shetty/Dr. A.K. S Suryavanshi</p> <p>Inclusion of special lectures/expert series as workshops on Crowd funding, Block Chain, Six Sigma and 5S, AI, Internet of things.</p> <p>Workshop on Critical thinking.</p> <p>Human Resource Management –SEM 1 Addition and Deletion of units in Management Practices and Organization Behaviour.</p> <ol style="list-style-type: none"> 2. Introduction of new text introduced by Knights, D., & Willmott, H. (Eds.) (2012). Introducing organizational behaviour and management. | Dr. Jatin Trivedi | Complied with |
| | | | | Due progress being made |

| | | | | |
|---|--|--|---|-----------------------|
| | | <p>Marketing and Sales</p> <ol style="list-style-type: none"> 1. Suggestions to include two new courses <ol style="list-style-type: none"> a. Digital and Social Media Marketing b. Marketing Analytics <p>General Suggestions by the Board Members also included-</p> <ul style="list-style-type: none"> • To have common subjects in SEM 1 and SEM 2 . • Elective and Specialization in SEM IV • Legal Aspects of Business to be shifted from SEM1 to SEM 4. • Re-look and revise the syllabus of Business Research Methods and Quantitative techniques in Management. • Operations Management to be Shifted in SEM 1 • Combine small courses of same nature in MBA. | <p>Dr. Janaki Naik</p> <p>Dr. Aartee Aggrawal</p> | <p>Under Progress</p> |
| 5 | To consider credit structure and syllabus of BBA 2019-22, Semester 1 (Odd Sem) | Suggestion by Alumni and Board Members to include Talks and Seminars by Industry experts. | All Faculty members | Complied with |
| 6 | To consider Credit structure and syllabus of B Com 2019-22, Semester 1 (Odd Sem) | B Com Credit structure was not altered | All Faculty members | Approved |
| 7 | To consider credit structure and course outline of domain courses related to ABS for Ph. D program | <p>Board members suggested revamping the course “strategic theory and Contemporary practices in management by making it more domain specific.</p> <p>-Introduce a unit or a course on How to publish a paper in a journal.</p> <p>-Dr. A.K.S Suryavanshi suggested the control and sealing of PhD syllabus.</p> | Prof Dr. B R Londhe | Complied |

| | | | | |
|----|--|---|------------------------|---------------|
| | | -Course Evaluation criteria changed to 60: 40 ratio | | |
| 8 | To consider proposal of 'NTCC' of Leadership development program (thru experiential learning vide Students committee | - | Dr. A. K.S Suryavanshi | Complied with |
| 9 | To consider overall induction program and invite suggestions | The induction program was designed to be conduct dover one week duration | Dr Artee | Complied |
| 10 | To consider structure of bridge courses / make up courses | -Deferred to next BoS | - | - |
| 11 | To consider simulations induction in Program structure | Suggestion by board members to propose only 3- 4 simulations as per the lab and infrastructure available or invite experts to carry out simulations. | Dr. A. K.S Suryavanshi | In progress |
| 12 | To consider Placement details and CRC data of MBA , class of 2019 | Board Members suggested the removal of final placements for BBA / BCOM. | Dr. Bhawama Sharma/CRC | In progress |
| 13 | To consider elements of Open Elective courses / minor track offered by School | To be continued with the current system. | - | In progress |
| 14 | To consider Examination Results and statistics for examination concluded in July 2019 | Board Members suggested compensating supplementary exams with assignments to reduce failure in internal exams. Or To conduct a 100 marks evaluation paper for supplementary. | Dr. Sameer Kulkarni | In progress |
| 15 | Any other points with permission of Chair | - | | |

Meeting ended with vote of thanks to Chair

5.2 Amity Institute of Biotechnology

Minutes of meeting of Board of studies meeting held for PG on 30th September 2019

The Course structure of M.Tech Food Biotechnology was reviewed completely

1. 1st Sem 24 credits, 2nd Sem 30 credits, 3rd Sem 30 credits, 4th Sem 30 credits – total credits 114
2. All the Courses should have same no. Of modules. Eg. Six modules for 3 credits, Five modules for 2 credits
3. Increase the no. Of references in the syllabus
4. Elaborate the topics under syllabus with subtopics to be emphasized for setting exam paper
5. Each module should be named.

Minutes of meeting of Board of studies meeting held for UG

Course structures and semester

- B.Tech. Semester VII – 28 Credits and VIII – 20 Credits
- B.Tech M.Tech. Dual Semester VII - 36 Credits and VIII – 28 Credits
- B.Sc. Honors Semester V – 28 Credits and VI – 25 Credits

UG courses to be added with in house projects, and paper on review

B.Sc. Course:

- Semester V added with a core subject on Literature Review, Students to be assigned with faculties inhouse during V semester and they will work with the same faculty during VI semester project.
- Modules to be named according to the content
- Elaboration of each modules to be made
- Increase the no. of references in the syllabus

B.Tech. M.Tech Dual:

- Semester VII term paper II renamed as Literature Review,
- Semester VIII semester will have inhouse project along with core subject.
- Modules to be named according to the content
- Elaboration of each modules to be made
- Increase the no. of references in the syllabus

B.Tech.

- Modules to be named according to the content
- Elaboration of each modules to be made
- Increase the no. of references in the syllabus

5.3 Amity Institute of Allied and Behavioral Sciences

Fourth Board of Studies Meeting

Minutes of Meeting

Agenda

1: Introduction of the new Board members

2. Review and confirmation of the previous BoS meeting

Previous year BoS meeting minutes were read out and confirmed by all the members of the committee.

3. Minor Revisions in UG papers

Considering the importance of psychology in the legal framework and students' interest, introducing Forensic Psychology paper was put forth, to be included as one of the elective papers for BSC Clinical Psychology in Vth Semester. Syllabus outline (**Annexure 1**) was presented before the committee members and with minor suggestions the paper syllabus was approved.

4. Presenting MSC -Psychology Curriculum

MSC (Psychology) is newly introduced programme in the current academic session (2019-20) by AIBAS replacing MA (Clinical Psychology). The programme was conceptualized in the best interest of the students and institution by opening more specialization scope for the PG level students. The programme introduced aims to provide three specializations; Clinical, Counselling and Industrial.

Draft Programme course structure (**Annexure-2**) was presented before the committee members for their inputs and suggestions. Committee members reviewed the curriculum and course structure for all four semesters. Per paper detailed syllabus (**Annexure-3**) was reviewed for the first semester and for the second semester inputs were given for paper syllabus development.

External expert Dr. Aninha Lobo suggested some changes in the names of the papers and also, provided list of the reference books and reading material to be included in the respective papers' syllabi. All committee members put forth their valuable suggestions and with approval of the chair important suggestions were accepted and the changes in the course structure, paper names and syllabi were incorporated. The final course structure (**Annexure-4**) and paper syllabi (**Annexure-5**) was developed after the approval of the chair.

Meeting concluded with the vote of thanks by Dr. Gawali to all the members of the Board of the studies.

5.4 Amity Institute of Information and Technology

Minutes of BOS

Meeting of the Board of Studies (BOS) of Amity Institute of Information Technology held on Tuesday, 24th September 2018, 11.00 am - 01.00 pm in Meeting Room, Amity University Mumbai, Mumbai.

1. Agenda -I: Approval of previous BOS meeting minutes

The minutes of the Previous BOS Meeting held on 18th January, 2018 were read and confirmed. A discussion happened on the approval of all the points related to the modification of curriculum, the introduction of new subjects, and electives suggested by the board members are discussed as earlier BOS meetings. The points mentioned in the form of minute of meeting of earlier BOS are approved.

2. Agenda-II: Discussion on the Syllabus of MCA (Three Years Program).

The course Mathematical Foundation to Computer Science (IFT4106) at the Semester 1 will be carrying 3 credits in the revised syllabus. The Graph Theory & Combinatorics (IFT4106) will be carrying 3 credits in the revised syllabus.

Introduction to Python Programming (IFT4101) course will be carrying 03 credits, and Python Programming LAB (IFT4109) will be carrying the one credit at semester 1. The course is introduced to create the background for the forthcoming semester courses.

The Introduction to Cloud Computing (IFT4108) is the new course introduced for the 02 credits.

3. Agenda-III Discussion on the Syllabus of MCA Lateral Entry.

Introduction to Python Programming (IFT4306) will be carrying 03 credits, and Python Programming LAB (IFT4310) will be carrying the 01 credit.

4. Agenda-IV: Discussion on the Syllabus of BCA.

The “Advanced Technologies in Computer Science (IFT2310)” at Semester 3 course, should include the DevOps Concepts.

5. Agenda-V: Discussion on the Syllabus of BSc-IT.

The “Advanced Technologies in Computer Science (IFT2310)” at Semester 3 course, should include the DevOps Concepts.

6. Agenda -VI: Any Other Topic

Since there were no other points to discuss, the meeting was concluded at 1.00 pm with a vote of thanks.

5.5 Amity School of Communication

MINUTES OF THE MEETING

July 19, 2019

The proposed Sixth meeting of the Board of Studies for Amity School of Communication was held on Friday 19th July 2019 at 1:00 p.m.

The members reviewed the PG & UG Syllabus for their Content and Credit Structure and amended them as per Annexure – I.

The Suggestion of the BOS (FIVE) were incorporated in Annexure – I.

In addition, the following suggestions were made by the External Members Dr. Sanjay Ranade and Dr. Mangesh Karandikar,

BJMC course structure

1. Introduction to Radio to be changed into Radio Production in Semester II
2. Introduction to Advertising changed into Basics of Advertising in Semester III

In Concentration Electives it was suggested by Prof. Mangesh Karandikar that Introduction to Animation and Visual Graphics be changed into Basics of Animation and Visual Graphics.

MJMC

Semester I

Introduction to TV Journalism to be changed into TV Journalism.

Media Analytics to be changed into Convergence Media

New ventures in Media to be changed into Media Entrepreneurship

Along with suggestions to be incorporated in the accelerators such as including In-design, HTML 5 & CSS 3 and Pro tools

Workshop on Fake News Training to be conducted as suggested by Prof. Mangesh Karandikar

MAPRE

Semester II subject AV Production and Set Design to be changed into PR Campaign Design and to add a new subject Celebrity Management in semester III

MA FTR

The nomenclature of the following subjects are also to be changed.

The subject Aesthetics of Photography to be changed into Visual Aesthetics in the semester I.

The subject Production Sound to be changed into Sound Production and Design in semester II.

The subject Film Language and style to be changed into Visual Language and style in semester III.

The Board of Studies approved the suggestions made as above.

5.6 Amity School of Applied Sciences

Minutes of Board Studies Meeting

1. ASAS BoS was held on 20th August 2019.
2. Three different boards were constituted for Physics, chemistry and mathematics
3. The common agenda in all the boards were to discuss the curriculum of UG programs, PG programs and Ph.D programs and topics for projects/seminar related to curriculum other than books and faculty recruitment and evaluation pattern etc.
4. Regarding curriculum discussion of UG programs
 - In B.Sc (H) chemistry re distribution of credits was done.
 - In Physics no change in UG program syllabus
 - In B.Sc mathematics – In Sem II in Linear Algebra one topic “ Rank Nullity Theorem” was suggested to add rest no change.
5. Regarding M.Sc Curriculum
 - In M.Sc. Chemistry – one module of IPR was suggested to introduced in pharmaceutical chemistry subject and a software “Chem informatics “ was suggested to introduced in Lab of C programing subject.
 - In M.Sc. Physics –whole program structure and syllabus was discussed and finalized
 - In M.Sc Mathematics also draft of program structure with syllabus and examination pattern was discussed and finalized.
6. Syllabus of Domain specific course for Ph.D. program of chemistry and Mathematics was discussed and finalized.
7. In Board of Chemistry course outline of new minor track “Industrial Safety and Resource management” was proposed and finalized.
8. For PG students conduct of Internal Seminar was proposed and exchange of many ideas regarding project was made in relevant fields.
9. Under the MoU signed with “Mahatma Phule College of Art Science and Commerce” we decided for faculty and student exchange program and just after BoS, 2 guest lectures on IPR from Mahatma

College have been conducted and ASAS 2 faculty also delivered two lectures there on” Nano science in medicine” and “Artificial Intelligence in environmental Pollution Assessment”.

5.7 Amity Institute of Travel and Tourism

Fourth Board of Studies Meeting held on Tuesday, 30th July 2019, 11:00 am in the Amity University Mumbai Campus

Minutes of Meeting

1. Restructuring and changes in BTTM course structure and syllabus
2. Approval of guidelines and evaluation scheme for Field Work Project and Research Project
3. Suggested books, magazines, journals, and newsletters to be included in the department / university library
4. Approval of initiating Masters course with specialization

5.8 Amity School of Architecture and Planning

No BoS meeting was conducted for either architecture, interior design or planning.

5.9 Amity School of Fashion Design and Technology

| S.No | Agenda | Remarks |
|-------------|---|--|
| 1 | A) Approval of modifications in syllabus of <ul style="list-style-type: none"> • B.Des (Foundation Program)- Semester-I • B. Des (Fashion Design) Semesters – III, V & VI • B. Des (Textile Product Design) Semester-III, V & VII • B.Des (Fashion Styling & Image Design) Semester-III • M.Des (Fashion Technology)- Semester-I & III B) Approval of change in Evaluation structure of Practical subjects in all programs | Modifications proposed and discussed included change in name, Credit distribution, Syllabus & evaluation structure of selected courses of B.des and M.Des programs |
| 2 | Procurement of Books, Journals and Magazines for the current B.Des Programs (Fashion Design, Textile Product Design, Fashion Styling & Image Design) & M.Des(Fashion Technology) programs | 34 titles of new books were proposed pertaining to areas of CAD, Clothing & Textiles, Fibres, Fabrics, Pattern-making, Garment Construction, Quality Testing |
| 3 | Requirement of full-time additional teaching and non-teaching staff | Additional full-time faculty requirement of 6 faculty. |

| S.NO | Present Course | Bachelor's/ Master's | Details |
|-------------|----------------------------------|-----------------------------|---|
| 1 | B.Des (Fashion Communication) | 4-Year Bachelor's Course | <ul style="list-style-type: none"> • Duration - Fours (4) Year / Eight Semesters • Degree Studies - Full Time • Eligibility - 10+2 (Arts/Science/Commerce) • Medium of Instruction - English • No. of Seats - 30 (Thirty) • Fee: Same as currently running B.Des programs |
| 2 | M.A (Fashion Retail Management) | 2-year Master's Course | <ul style="list-style-type: none"> • Duration - Two (2) Year / Four Semesters • Degree Studies - Full Time • Eligibility – Bachelor's (Arts/Science/Commerce/ Graduate of any subject.) • Medium of Instruction - English • No. of Seats - 20 (Twenty) • Fee: INR 75,000/- per semester |
| 3 | Masters in Fashion Communication | 2-year Master's Course | <ul style="list-style-type: none"> • Duration - Two (2) Year / Four Semesters • Degree Studies - Full Time • Eligibility – Bachelor's (Arts/Science/Commerce/ Graduate of any subject.) • Medium of Instruction - English • No. of Seats - 20 (Twenty) • Fee: INR 75,000/- per semester |

| | | | |
|--|--|--|--|
| | | | |
|--|--|--|--|

4. PROPOSED NEW COURSES FOR ACADEMIC YEAR 2020-2021

5.1 Amity School of Engineering & Technology

AMITY UNIVERSITY MAHARASHTRA

AMITY SCHOOL OF ENGINEERING AND TECHNOLOGY

DEPARTMENT OF CIVIL ENGINEERING

BOARD OF STUDIES MEETING 2019

Minutes of Meeting

Date: 31-07-2019

Time: 2.00 to 5.00 pm

1. A Meeting of Board of Studies (BOS) of Civil Engineering, Amity School of Engineering & Technology was held on 31st July 2019 from 2 pm to 5 pm in a meeting room at Amity University Mumbai.

3. The Coordinator, Civil Engineering, Amity University Mumbai welcomed and introduced the members of Board of Studies. The Director read the minutes of the previous BOS Meeting.

4. Various Agenda Points were discussed with the Board members and the discussion points were as follows:

❖ ***AGENDA -1: Briefing and approval of previous BOS points for the B.Tech Programme held on January 2018.***

A discussion was made regarding approval of all the points related to the modification of curriculum, the introduction of new subjects, and electives suggested by the board members and discussed in the earlier BOS meetings. Except re- organization of courses between different semesters, no changes in the course titles have been made. The points discussed in all the earlier BOS meetings were summarized, and the decision related to the approval of it was made.

❖ ***AGENDA -2: Discussion on the changes in the syllabus of B.Tech Programme***

A discussion was held on the modified syllabus contents of following courses. (1) Water Resource Engineering (CIV2703) (2) Mechanics of Fluids (CIV2303) (3) Water Resources System Planning And Design (CIV2802) Discussed and approved.

❖ ***AGENDA -3: Discussion on the approval of syllabus of Ph.D Programme***

Ph. D Programme in Civil Engineering is introduced in the current academic year 2019-2020. A discussion was held on the syllabus for the domain core course: Computational Techniques in Civil Engineering offered in Ph.D and approved.

Changes proposed in Board of Studies meeting held on 1st Jan 2018

| Course Re-arrangement | | | | |
|-----------------------|----------|---|---|---|
| Sl No. | Semester | Old Syllabus | Proposed changes | Remarks |
| 1. | III | CIV2307: Civil Engineering Drawing Lab | CIV2307: Material Testing Lab – I | Brought forward from semester IV. Ideal to study Material testing lab I with CIV2304: Building Technology which theoretically covers the tests on basic building materials. |
| 2. | III | CIV2305: Surveying total credits = 2 | CIV2305: Surveying total credits = 3 | Credits increased to justify 1) vast syllabus content and 2) make the overall credits to 210. |
| 3. | III | CIV2307: Civil Engineering Drawing Lab, Total credits = 1 | CIV2504: Civil Engineering Drawing Lab, Total credits = 2 | Credits increased to 2 from 1 to make the overall credits to 210 |
| 4. | IV | CIV2404: Transportation Engineering – I | CIV2404: Concrete Technology | Brought forward from semester VI. Concrete Technology is a prerequisite for understanding CIV2502: Principles of Structural Design |
| 5. | IV | CIV2406: Material Testing Lab – I | CIV2407: Material Testing Lab – II | Brought forward from semester V. Ideal to study Material testing lab II with CIV2404: Concrete Technology which theoretically covers the tests on concrete. |
| 6. | IV | - | Concentration Elective- CIV2411: Introduction to Hydraulic Machines | Brought forward from semester V elective. |
| 7. | V | CIV2503: Transportation Engineering – II | CIV2503: Transportation Engineering – I | Change made to accommodate Concrete Technology. |
| 8. | VI | CIV2603: Concrete Technology | CIV2603: Transportation Engineering – II | Change made to accommodate Concrete Technology. |

Changes proposed in Board of Studies meeting held on 31st July 2019

| Changes in contents of syllabus | | | | |
|---------------------------------|---|---|---|---|
| Sl. No. | Course | Module and Existing contents | Proposed changes; Addition /Deletion of contents | Remarks |
| 1 | III semester CIV2303 Mechanics of Fluids | Module-I Newtonian and Non-Newtonian Fluids; Viscosity; Incompressible and compressible fluids, | Basic properties and pressure measurement should be added in this module. Contents: Mass density, weight density, specific | Pressure measurement is very fundamental concept and will be helpful to understand the operation of |

| | | | | |
|---|---|---|---|--|
| | | compressibility. Forces on plane surfaces, forces on curved surfaces, buoyant forces, and stability of floating bodies, metacentre and metacentre height. | gravity, specific volume, viscosity, compressibility and elasticity, surface tension, capillarity, vapour pressure, types of fluids, basic concepts applicable to fluid mechanics. Pascal's law, hydrostatic law, pressure variation in fluids at rest. Absolute, atmospheric, gauge pressure, measurement of pressure. Forces on plane surfaces, forces on curved surfaces, buoyant forces, and stability of floating bodies, metacentre and metacentre height | hydraulic machines and flow measuring devices. |
| 2 | III semester CIV2303 Mechanics of Fluids | Module-IV: Dimensional analysis and principles of similarity Buckingham π -Theorem and its applications, Geometric, Kinematics and Dynamic similarity; Dimensionless numbers-Reynolds, Froude, Euler, Mach, Weber Number and their significance. | This module may be taken to higher semester. | Difficult for SEM-III students to understand. |
| 3 | VII semester CIV2703 Water Resource Engineering | Module I: Hydrology Hydrologic cycle- Precipitation, rainfall variations, measurement, presentation of RF data, Mean precipitation, Abstractions from precipitation- Runoff- Long term runoff, empirical formulae, short term runoff- hydrograph analysis. Flood-Rational and Empirical methods for prediction - Design floods. Ground water- Aquifer types-flow of ground water – Well hydraulics-Types of | Module-II should be renamed as Module-I. Contents: Necessity of irrigation and type of irrigation systems.-Total planning concept-Water requirements of crops- Command area-duty-delta. Consumptive use of water – Irrigation efficiency- Irrigation requirement of crops-Reservoir planning- Site investigation-Zones of storage-Reservoir yield- Reservoir losses and Control-Life of reservoir | Module-I is already covered in SEM-V in the course CIV 2506(Hydrology and Flood Control) and hence should not be repeated. Module-I deals with the fundamentals of irrigation, hence should be introduced to the students first. |

| | | | | |
|---|--|---|--|--|
| | | wells-Other sources of ground water. | | |
| 4 | VII semester CIV2703 Water Resource Engineering | Module-II Necessity of irrigation and type of irrigation systems.- Total planning concept-Water requirements of crops-Command area-duty-delta. Consumptive use of water –Irrigation efficiency-Irrigation requirement of crops-Reservoir planning-Site investigation-Zones of storage-Reservoir yield-Reservoir losses and Control-Life of reservoir | Module-II should be renamed as Module-I and Ground water and well hydraulics can be added in Module-II. Contents: Ground water resources, occurrence of ground water, methods of ground water exploration, well irrigation. Well hydraulics: steady state flow in wells, equilibrium equations for confined and unconfined aquifer, aquifer tests, design of water wells. | Ground water and well hydraulics should be explained in detail because it is an important means of irrigation when surface water recourse is scanty. |
| 5 | VIII semester CIV2802 Water Resources System Planning And Design | Module-II Hydrologic input analysis, Demand analysis, System elements & Subsystem planning - Stochastic planning and management – Design and management issues. | Addition Hydrologic input analysis, Demand analysis, System elements & Subsystem planning - Stochastic planning and management – Top down approach, Bottom up approach Design and management issues. | |
| 6 | VIII semester CIV2802 Water Resources System Planning And Design | Module IV Ground water system planning – Conjunctive surface and G.W development-Hierarchical approach- Water quality management planning- Regional planning- Policy issues. | Addition: Water distribution system and management, design aspects and feasibility, Introduction to Hardy cross method, design of pipeline using hardy cross methods and its practical aspects. | |

DEPARTMENT ELECTRONICS AND COMMUNICATION ENGINEERING

BOARD OF STUDIES MEETING 2019

Minutes of Meeting

Date: 26-07-2019

Time: 1.00 to 5.00 pm

1. A Meeting of the Board of Studies (BOS) of Electronics and Communication Engineering Amity School of Engineering & Technology held on 26th July 2019 , 1 to 5 PM in Meeting Room, Amity University Mumbai, Mumbai.

3. The Coordinator, Electronics and Communication Engineering, Amity University, Mumbai welcomed and introduced the Members of Board of Studies. The Director, read the minutes of the Previous BOS Meeting.

4. Various Agenda Points were discussed with the Board members and the discussion points were as follows:

❖ ***AGENDA-I: Briefing and Approval of previous BOS held on January 2018.***

A discussion was made regarding approval all the points related to the modification of curriculum, the introduction of new subjects, and electives suggested by the board members and discussed in the earlier BOS meetings. The points discussed in all the earlier BOS meetings were summarized, and the decision related to the approval of it was made.

❖ ***AGENDA-II: Discussion on detailed outline of the syllabus and approval of syllabus of the new subjects had been included in previous meeting held on January 2018.***

The detailed content syllabus of the new subjects (Microelectronics, Computer communication Networks and Microcontroller & Applications) introduced in each semester was discussed with the board members. The credits assigned to the subject as per the content of the syllabus was verified whether sufficient or not, with the intention that the syllabus is covered properly and students also absorb it well up to a right level of the understanding required for them in the particular semester.

❖ ***AGENDA-III: Discussion of addition of new course in semester 6 instead of industrial Management.***

A discussion was made regarding addition of computer communication networks instead of industrial management.

Changes proposed in board of studies meeting held on 1st Jan 2018

| Course Rearrangement | | | | |
|-----------------------------|-----------------|--|---|---|
| Sl No. | Semester | Existing details | Proposed changes | Remarks |
| 9. | III | ECE2309: Signals & Systems | ECE2309: Digital System Design | Brought forward from semester IV. Ideal to study before Microprocessor courses. |
| 10. | III | ECE 2302: Analog Electronics – I | ECE 2302: Electronic Device and Circuits | Name Change, added few device physics topics. |
| 11. | III | ECE2304: Java Programming | ECE2304: Electronics Instrumentation | Ideal to learn instruments to be used in other higher semesters. |
| 12. | IV | ECE2401: Digital Circuits & Systems – I | ECE2401: Microprocessor & Interfacing. | Brought forward from semester V. Ideal to study before microcontroller and VLSI Design. |
| 13. | IV | ECE2403: Analog Electronics II | ECE2403: Linear Integrated Circuits | Name change. |
| 14. | IV | ECE2404: Electromagnetic Field Theory | ECE2404: Signals & Systems | Brought forward from semester 3. |
| 15. | IV | ECE2408: Internet Fundamentals (Elective) 3 credit | ECE2409: Numerical Analysis (2 credit) + ECE2411 Numerical Analysis Lab (1 credit) - elective | Ideal to study numerical techniques in problem solving. |
| 16. | V | ECE2501: Digital Circuits & systems-II | ECE 2501: Microelectronics | Should learn before VLSI design |
| 17. | V | ECE2502: Microprocessor Systems | ECE2504: Electromagnetic Field Theory | Brought from sem 4, Antenna subjects are in Semester 6. There will be continuation of syllabus. |
| 18. | V | ECE2505: Microprocessor Systems -1 credit | ECE2507: Certification Course evaluation- 2 credit | Help student to acquire industry relevant skills |
| 19. | V | | ECE2553 Java Programming & ECE254Java programming Lab(Elective) | Java programming is beneficial in employability. |
| 20. | VI | ECE2604: Measurement & Measuring Instruments | ECE2604: Microcontroller & application | Relevant before embedded system design |
| 21. | VI | ECE2606: Orcad Lab | ECE2606 : Microcontroller & application Lab | |
| 22. | VI | | ECE2608: Mini Project – credit 2 | Added- Ideal for familiarizing real life problem solving |
| 23. | VI | | ECE2610: Computer communication Networks-Elective | Added- Relevant in employability and future studies |

| | | | | |
|-----|------|--|---|---|
| 24. | VI | | ECE2611 Power Electronics-Elective | Added- Relevant in employability and future studies |
| 25. | VI | | ECE2612 Artificial Neural Networks-Elective | Added- Relevant in employability and future studies |
| 26. | VII | ECE2701: Radar & Satellite communication | ECE2701: Embedded system design | Moved from semester 8- Ideal before final year project |
| 27. | VII | ECE2704: Radar & Satellite communication Lab | ECE2701: Embedded system design Lab | |
| 28. | VII | ECE 2703: Microwave Engineering | ECE2702: Image & Video Processing | Added- Relevant in employability and future studies, Microwave engineering moved to elective, Image & Video Processing moved from elective to core. |
| 29. | VII | ECE 2703: Microwave Engineering Lab | ECE2702: Image & Video Processing Lab | |
| 30. | VIII | ECE2801: C based Embedded System Design | ECE 2801: Mobile Communication | Added- Relevant in employability and future studies |
| 31. | VIII | ECE2802: C based Embedded System Design Lab | ECE 2802: Mobile Communication Lab | |
| 32. | VIII | | ECE2808: Electronic product design | Added- Relevant in employability. |
| 33. | VIII | ECE2803:Instrumentation, ECE2807 Advanced Networking, ECE2808 Database Management Systems,ECE2811 CDMA | | Removed from the syllabus. Some topics are already covered in the previous semester and some are irrelevant. |
| | | | | |

Changes in contents of syllabus

| Sr No. | Subject | Existing details | Proposed changes | Remarks |
|--------|--|--|---|---|
| 1. | ECE2302 Analog Electronics-I changed to ECE2302 Electronics Devices and Circuits | The syllabus is mainly focused on the study of BJT and BJT-based amplifiers and oscillators. | In the new course, the study of MOSFET-based circuits is added as it is the recent technology. It will help the students to study Analog and Mixed Signal Circuits with higher clarity. | The study of BJT and FET-based circuits is not sufficient to meet the requirement of higher subjects like Microelectronics and Analog VLSI. |
| 2. | ECE2303 Circuits and Systems changed to ECE2303 Circuit Theory and Networks | The syllabus extensively covered Laplace Transforms | In the new course, the study of Laplace Transform is constrained up to the course requirement, and Transient Analysis is covered at higher depth | The study of RLC Transient Analysis is needs more focus. |
| 3. | ECE2306 Analog Electronics-I Lab changed | The list of experiments was restricted to BJT and FET | The experiments based on MOSFET are introduced. | The practical study of MOSFETS is important to understand Microelectronics and VLSI Design |

| | | | | |
|--|---|--|--|--|
| | to ECE2306 Electronic Devices and Circuits Lab | | | |
|--|---|--|--|--|

Changes proposed in board of studies meeting held on 26th July 2019

| Course Rearrangement | | | | |
|----------------------|----------|--------------------------------|--|--|
| Sl no. | Semester | Existing details | Proposed changes | Remarks |
| 1 | VI | ECE2607: Industrial Management | ECE2607: Computer communication Networks | Moved from elective to core-Relevant in employability and future studies |

DEPARTMENT ELECTRICAL AND ELECTRONICS ENGINEERING

BOARD OF STUDIES MEETING 2019

Minutes of Meeting

Date: 26-07-2019

Time: 1.00 to 5.00 pm

1. A Meeting of the Board of Studies (BOS) of Electronics and Communication Engineering Amity School of Engineering & Technology held on 26th July 2019 , 1 to 5 PM in Meeting Room, Amity University Mumbai, Mumbai.

3. The Coordinator, Electrical and Electronics Engineering, Amity University, Mumbai welcomed and introduced the Members of Board of Studies. The co-ordinator, read the minutes of the Previous BoS Meeting.

❖ **Agenda-1: Briefing and Approval of previous BoS held in January 2018**

A discussion was made regarding the approval of all the points related to the modification of curriculum, the introduction of new subjects, and electives suggested by the board of members and discussed in the earlier BoS meetings. The points discussed in all the earlier BoS meetings were summarized, and the decision related to the approval of it was made.

❖ **Agenda-2: Discussion on the changes in the syllabus**

A discussion has been held on the various courses in the program of Electrical and Electronics Engineering. There are no such changes in the existing curriculum. Hence, the program curriculum has been decided to be continued in the present form.

❖ **Agenda 3: Discussion on low enrollment in EEE**

BOS also felt to communicate to the academic council/authority to discontinue the program Electrical and Electronics Engineering (EEE) considering very low enrollment in the program and similar program available in the school.

As discussed and proposed in BOS and Academic council following course is recommended to discontinue from academic session 2020-2021.

B Tech - Electrical and Electronics Engineering

DEPARTMENT MECHANICAL ENGINEERING

BOARD OF STUDIES MEETING 2019

Minutes of Meeting

Date: 30-07-2019

Time: 2.00 to 5.00 pm

1. A Meeting of the Board of Studies (BOS) of Mechanical Engineering Amity School of Engineering & Technology held on 30th July 2019, 2 to 5 PM in Meeting Room, Amity University Mumbai, Mumbai.

3. The Coordinator, Mechanical Engineering, Amity University, Mumbai welcomed and introduced the Members of Board of Studies. The Director, read the minutes of the Previous BOS Meeting.

4. Various Agenda Points were discussed with the Board members and the discussion points were as follows:

❖ ***AGENDA -I: Briefing and Approval of previous BOS held on January 2018.***

A discussion was made regarding approval of all the points related to the modification of curriculum, the introduction of new subjects, and electives suggested by the board members and discussed in the earlier BOS meetings. The points discussed in all the earlier BOS meetings were summarized, and the decision related to the approval of it was made.

❖ ***AGENDA-II: Discussion on detailed outline of the syllabus and approval of syllabus of the new subjects had been included in previous meeting held on January 2018.***

| Sl No. | Semester | Existing details | Proposed changes | Remarks |
|--------|----------|---|---|-----------------------------|
| 01 | I | Subject : Elements of mechanical engineering Course Code: MAE2104 Module V: Engineering Materials:Types and applications of Ferrous & Nonferrous metals, Timber, Abrasive material, silica, ceramics, glass, graphite, diamond, plastic and polymer | Module V: Advanced Manufacturing : Introduction to advanced manufacturing, additive manufacturing, non conventional manufacturing processes. | |
| 02 | II | Engineering graphics lab Course Code: MAE2208 Module 2. (Orthographic Projections) | Module 2 : Projection of Lines and Planes | The title was inappropriate |
| 03 | II | ENGINEERING MECHANICS Course Code: MAE2204 Module I: Force system & Structure Module II: Friction Module III: Properties of surfaces and volume Module IV: Kinematics of particle: Module V: Work -Energy | Module I: Force system & Structure Module II: Equilibrium Module III: Friction Module III: Kinematics of particle: Module IV: Kinematics of Rigid Bodies: Module V: Kinetics of a Particle | |

| | | | | |
|----|-----|--|---|--|
| 04 | III | Thermodynamics Course Code: MAE2351 Module III: Second Law of Thermodynamics and Entropy | Module III: Second Law of Thermodynamics and Entropy | Atkinson Cycle added |
| 05 | III | Material science and metallurgy Course Code: MAE2303 | Module V added | Contents : Failure Mechanisms, Fracture, Fatigue Failure, Creep |
| 06 | VI | Finite Element Analysis Course Code: MAE2612 | New Subject Added | |

The detailed content syllabus of the new subjects introduced and changes made proposed in existing subjects in each semester was discussed with the board members. The credits assigned to the subject as per the content of the syllabus was verified whether sufficient or not, with the intention that the syllabus is covered properly and students also absorb it well up to a right level of understanding required for them in the particular semester.

❖ ***AGENDA-III: Discussion of addition of new course Finite Element Analysis in semester 6***

A discussion was made regarding addition of Finite Element Analysis as concentration elective.

Changes proposed in board of studies meeting held in Jan 2018

Changes proposed in board of studies meeting held on 30th July 2019

| Course Rearrangement | | | | |
|----------------------|----------|------------------|---|---------|
| Sl no. | Semester | Existing details | Proposed changes | Remarks |
| | | | No changes are suggested, the same syllabus will be followed. | |

**DEPARTMENT OF AEROSPACE ENGINEERING
BOARD OF STUDIES MEETING 2019
Minutes of Meeting**

Date: 30-07-2019

Time: 10.00 am to 01.00 pm

1. Meeting of the Board of Studies (BoS) of Aerospace Engineering, Amity School of Engineering & Technology held on 30th July, 2019, 10.00 am - 01.00 pm in Meeting Room, Amity University Mumbai, Mumbai.

3. The Coordinator, Aerospace Engineering, Amity University Mumbai welcomed and introduced the Members of Board of Studies. The Director, read the minutes of the Previous BOS Meeting.

4. Various Agenda Points were discussed with the Board members and the discussion points were as follows:

❖ ***AGENDA-I: Approval of previous BOS held on January 2018.***

A discussion was made regarding approval all the points related to the modification of curriculum, the introduction of new subjects, and electives suggested by the board members and discussed in the earlier BOS meetings. The points discussed in all the earlier BOS meetings were summarized, and the decision related to the approval of it was made.

❖ ***AGENDA-II: Discussion on detailed outline of the syllabus and approval of syllabus of the new subjects had been included in previous meeting held on January 2018.***

The detailed content syllabus of the new subjects (Introduction to UAVs) introduced in each semester was discussed with the board members. The credits assigned to the subject as per the content of the syllabus was verified whether sufficient or not, with the intention that the syllabus is covered properly and students also absorb it well up to a right level of the understanding required for them in the particular semester.

❖ ***AGENDA-III: Discussion on outline of PhD course structure beginning with 2019-2020.***

The discussion of course structure of PhD Aerospace Engineering was discussed and credits assigned to the subject.

Changes proposed in board of studies meeting held on Jan 2018

| Sl No. | Semester | Existing details | Proposed changes | Remarks |
|--------|----------|--|--|--|
| 34. | III | ASE2301 Numerical Analysis & Programming | ASE2413 Numerical Analysis & Programming | Shifted from 3 rd to 4 th sem. |
| 35. | III | ASE2307 Programming Lab – I (Numerical Analysis) | ASE2414 Programming Lab – I (Numerical Analysis) | Shifted from 3 rd to 4 th sem. |
| 36. | IV | ASE2402 Propulsion Systems – I | ASE2501 Propulsion Systems – I | Shifted from 4 th to 5 th sem. |
| 37. | IV | ASE2404 Principles of Computer Graphics | Removal | Not relevant to aerospace engineering. |
| 38. | IV | ASE2406 Propulsion Systems Lab – I | ASE2612 Propulsion Systems Lab – I | Shifted from 4 th to 6 th sem. |
| 39. | IV | ASE2408 Principles of Computer Graphics Lab | Removal | Not relevant to aerospace engineering. |
| 40. | V | ASE2501 Propulsion System – II | ASE2601 Propulsion System – II | Shifted from 5 th to 6 th sem. |

Changes in Course Code

| Old Course Code | New Course Code | Course Title | Credit Units |
|-----------------|-----------------|---|--------------|
| ASE2101 | AM2101 | Applied Mathematics - I | 4 |
| ASE2102 | AP2102 | Applied Physics – I - Fields & Waves | 3 |
| ASE2107 | AP2107 | Applied Physics Lab-I | 1 |
| ASE2104 | EME2104 | Elements of Mechanical Engineering | 2 |
| ASE2109 | EME2109 | Elements of Mechanical Engineering Lab | 1 |
| ASE2106 | ES2106 | Electrical Science | 3 |
| ASE2111 | ES2111 | Electrical Science Lab | 1 |
| ASE2105 | ICP2105 | Introduction To Computer & Programming In C | 3 |
| ASE2110 | ICP2110 | Programming in C Lab | 1 |
| ASE2208 | EM2207 | Engineering Mechanics Lab | 1 |
| ASE2204 | EM2204 | Engineering Mechanics | 3 |
| ASE2112 | EG2208 | Engineering Graphics Lab | 1 |
| ASE2206 | AP2205 | Applied Physics-II Lab | 1 |
| ASE2202 | AP2202 | Applied Physics-II Modern Physics | 3 |
| ASE2201 | AM2201 | Applied Mathematics-II | 4 |

| | | | |
|---------|--------|-------------------------|---|
| ASE2108 | AC2108 | Applied Chemistry Lab | 1 |
| ASE2103 | AC2103 | Applied Chemistry-I | 3 |
| ASE2306 | AM2301 | Applied Mathematics-III | 4 |

DEPARTMENT COMPUTER SCIENCE AND ENGINEERING

BOARD OF STUDIES MEETING 2019

Minutes of BOS Meeting

Date: 10-08-2019

Time: 2 PM to 5.00 PM

1. Meeting of the meeting of Board of Studies (BOS) of Computer Science & Engineering held on 10 Aug 2019, 2 pm - 5 pm in Meeting Room, Amity University Mumbai, Mumbai.

3. Mr. Vagish Dwivedi could not attend the meeting due to some urgent work and hence leave of absence was granted.

4. The Coordinator of Computer Science & Engineering department , Amity School of Engineering & Technology, welcomed and introduced the members of board of studies. The dept coordinator read the minutes of the previous BOS meeting held on 9th Jan 2018.

6. Following points mentioned in agenda were discussed with the members. The agenda wise points are mentioned as follows:

❖ ***AGENDA-I: Approval of previous BOS held on 9th January 2018.***

A discussion was made regarding approval all the points related to the modification of current curriculum, the introduction of new subjects, and electives suggested by the board members and discussed in the earlier BOS meetings. The points discussed in all the earlier BOS meetings were summarized, and the decision related to the approval of it was made.

❖ ***AGENDA-II: Discussion on detailed outline of the syllabus and approval of syllabus of the new subjects had been included in previous meeting held on 9th January 2018.***

The detailed content syllabus of the new subject (Software Development Framework) was discussed with the board members. The credits assigned to the subject as per the content of the syllabus was verified whether sufficient or not, with the intention that the syllabus is covered properly and students also absorb it well up to a right level of the understanding required for them in the particular semester.

❖ ***AGENDA-III: Discussion of addition and modification of courses in semester 3,4,5 and 7***

Considering the shift in the paradigm during few years committee felt to reorganize and restructure few courses mentioned below and revise the contents of the courses. A discussion was made regarding addition & modification of computer communication networks instead of industrial management.

Changes proposed in board of studies meeting held on 10th Aug 2019 are summarized below

| Course Rearrangement | | | | |
|----------------------|----------|----------------------------|-------------------------------|--|
| Sl No. | Semester | Existing details | Proposed changes | Remarks |
| 1. 1 | III | CSE2303 - Operating System | CSE2402 - Digital Electronics | Brought forward from semester IV. Ideal to study before operating System |

| | | | | |
|------|------|---|--|---|
| | | | | |
| 2. 2 | IV | CSE2402 - Digital Electronics | CSE2303 - Operating System | Pushed forward to semester IV. Ideal to study after digital electronics |
| 3. 3 | V | CSE2501 - Software Engineering (Core) | CSE2508 - Software Engineering (Elective) | Made it an elective and removed its lab. |
| 4. 4 | V | CSE2501 - Software Engineering | CSE2504 - Analysis and Design of Algorithm | Replace Software Engineering as Core Subject |
| 5. 5 | VII | | CSE2707 - Software Development Framework | Floated a new elective |
| a. 6 | VII | CSE2703 - Advanced Design and Algorithm (Batch 2017-2021) | CSE2801 - Advanced Computer Architecture (Batch 2017-2021) | Pulled from Sem-8 |
| b. 7 | VIII | | Computer Vision (Batch 2017-2021) | |

❖ **AGENDA-IV: Introduction of new courses from academics session 2019-2020.**

Amity School of Engineering and Technology has introduced new programs from academic session 2019-2020. Following are the courses introduced-

- Bachelor of Technology (Artificial Intelligence & Machine Learning)
- Bachelor of Technology (Cloud Computing And Cyber Security)
- Bachelor of Technology (Data Science)
- Bachelor of Technology (Internet of Things)

The course structure for the courses mentioned above has been discussed in the meeting. Above courses are commenced from academic session 2019-2020. The curriculum for the first year is discussed and approved. Committee has accepted the continuation of the syllabus of CSE first year. Further it was decided that the course contents will be finalized for Sem-III to Sem VIII during academic year 2019-2020. The approved course structure is given in Annexure -I, II, III, IV respectively for the above programs

❖ **AGENDA-V: Introduction of Master of Technology in Computer Science and Engineering Program from academic session 2019-2020.**

Admissions in M Tech (CSE) have been accepted from academic session 2019-2020. Dept co-ordinator briefed about the same to the committee. The committee has discussed and approved the course structure of Master of Technology (Computer Science & Engineering)- Attached as Annexure – V. The contents of the curriculum have been approved by the committee (Annexure-V)

❖ **AGENDA-VI: Approval for Domain course in Ph D. (CSE) Program**

Department of CSE is running Ph D program since 2014. The need was felt to introduce the domain course and the curriculum of the same was designed according to the current research areas. The committee has discussed and approved the course structure of Doctorate of Philosophy Computer Science & Engineering

The structure approved and the details of the curriculum for domain course is given in Anexure

AMITY UNIVERSITY MUMBAI, MUMBAI
AMITY INSTITUTE OF TECHNOLOGY
DEPARTMENT OF AERONAUTICAL ENGINEERING
BOARD OF STUDIES MEETING 2019

Minutes of Meeting

Date: 30-07-2019

Time: 10.00am to 1.00 pm

1. Meeting of the Board of Studies (BOS) of Aeronautical Engineering Amity Institute of Technology held on 30th July, 2019, 10.00 am - 01.00 pm in Meeting Room, Amity University Mumbai.

3. The Coordinator, Aeronautical Engineering, Amity Institute of Technology, Amity University, Mumbai welcomed and introduced the Members of Board of Studies. The Director, read the minutes of the Previous BOS Meeting.

4. Various Agenda Points were discussed with the Board members and the discussion points were as follows:

❖ ***AGENDA -I: Approval of BOS held on July30 2019.***

A discussion was made regarding approval all the points related to the modification of curriculum, the introduction of new subjects, and electives suggested by the board members and discussed in the earlier BOS meetings. The points discussed in all the earlier BOS meetings were summarized, and the decision related to the approval of it was made.

❖ ***AGENDA-II: Discussion on detailed outline of the syllabus and approval of syllabus of the new subjects had been included in previous meeting held on July 30 2019.***

The detailed content syllabus of the new subjects introduced in each semester was discussed with the board members. The credits assigned to the subject as per the content of the syllabus was verified whether sufficient or not, with the intention that the syllabus is covered properly and students also absorb it well up to a right level of the understanding required for them in the particular semester. The details syllabus will be discussed in further meetings.

Changes proposed in board of studies meeting held on 30th Jul 2019

AMITY INSTITUTE OF TECHNOLOGY

| Course Rearrangement | | | | |
|-----------------------------|-----------------|-------------------------|--|---|
| Sl No. | Semester | Existing details | Proposed changes | Remarks |
| 41. | II | | Design Thinking | New Subject added to accommodate new developments in industry |
| 42. | V | | Essential of Industry 4.0 – I Essential of Industry 4.0 – I Lab | New Subject added to accommodate new developments in industry |
| 43. | VI | | Essential of Industry 4.0 – II Essential of Industry 4.0 – II Lab | New Subject added to accommodate new developments in industry |

DEPARTMENT OF AUTOMOBILE ENGINEERING

Minutes of Meeting

Date: 30-07-2019

Time: 2.00 pm to 5.00 pm

1. Meeting of the Board of Studies (BOS) of Automobile Engineering, Amity Institute of Technology held on 30th July, 2019, 2.00 pm - 5.00 pm in Meeting Room, Amity University Mumbai.

3. The Coordinator, Automobile Engineering, Amity Institute of Technology, Amity University, Mumbai welcomed and introduced the Members of Board of Studies. The Director, read the minutes of the Previous BOS Meeting.

4. Various Agenda Points were discussed with the Board members and the discussion points were as follows:

❖ ***AGENDA -I: Approval of BOS held on July 30 2019.***

A discussion was made regarding approval all the points related to the modification of curriculum, the introduction of new subjects, and electives suggested by the board members and discussed in the earlier BOS meetings. The points discussed in all the earlier BOS meetings were summarized, and the decision related to the approval of it was made.

❖ ***AGENDA-II: Discussion on detailed outline of the syllabus and approval of syllabus of the new subjects had been included in previous meeting held on July 30 2019.***

The detailed content syllabus of the new subjects introduced in each semester was discussed with the board members. The credits assigned to the subject as per the content of the syllabus was verified whether sufficient or not, with the intention that the syllabus is covered properly and students also absorb it well up to a right level of the understanding required for them in the particular semester. The details syllabus will be discussed in further meetings.

Changes proposed in board of studies meeting held on 30th Jul 2019

| Course Rearrangement | | | | |
|-----------------------------|-----------------|---|---|---|
| Sl No. | Semester | Existing details | Proposed changes | Remarks |
| 44. | II | | Design Thinking | New Subject added to accommodate new developments in industry |
| 45. | V | | Essential of Industry 4.0 – I Essential of Industry 4.0 – I Lab | New Subject added to accommodate new developments in industry |
| 46. | VI | | Essential of Industry 4.0 – II Essential of Industry 4.0 – II Lab | New Subject added to accommodate new developments in industry |
| 47. | VI | Auto body Engineering | Auto body Engineering Syllabus updated | Syllabus updated as per new developments in industry |
| 48. | VII | Electrical vehicles & Hybrid Electrical Vehicles | Electrical vehicles & Hybrid Electrical Vehicles Syllabus Updated. | Syllabus updated as per new developments in industry |

5.11 Amity School of Fine Arts

ASFA has introduced minor track course in 'Drawing and Painting' from the academic year 2019-20.

5.12 Amity School of Languages

DEPARTMENT OF ENGLISH

HELD ON 02ND AUGUST, 2019

1. The Fourth Meeting of the Board of Studies of Amity School of Languages, Department of English was held on 02nd August 2019 at 11:30 AM at the Meeting Room, Amity University Mumbai Campus, Maharashtra. The chairperson of the meeting was Dr. Manjiree Vaidya, Head, Department of English.
2. Approval of Syllabus
 - a. The amended syllabus of B. A. English (Hon.) from I to IV semester was put up before the board. The board discussed and approved the minor changes in the course papers from Semester I to IV. Syllabus which is attached as *Appendix – B*
 - b. The board structured the course papers of B.A. English (Hon.) Semester V and VI and approved as given in *Appendix – C*
 - c. The board discussed the amended syllabi of CSS for all UG. and P.G. courses and approved the same. Syllabus which is attached as *Appendix – D*
 - d. The board discussed the amended course structure of CSS for four year courses and approved it.
 - e. The board approved the exam. pattern of Foreign Languages from 30:70 to 50:50.
 - g. The board approved the Summer Project Synopsis of B.A. Second year students.
 - h. The board approved the CSS course structure up to six semesters for BTM.

5.13 Amity Institute of Liberal Arts

B.A.(Hons.)Economics Minutes of the BoS

Date 2nd August, 2019 time 10.30 am

Minutes-

- 1) Approval to the present course structure with minor change
- 2) Mathematical Economics II Module 4 can be omitted
- 3) Instead, Micro and Macroeconomics can be taught by using mathematical models
- 4) Syllabus of Behavioral Economics praised by the committee. It is mentioned that in other Universities this subject is not taught .
- 5) More application is suggested for Behavioral Economics
- 6) Meeting was concluded by approving the syllabus

B.A.(H) Political Science Minutes of the BoS

Date 2nd August 2019 time 10.30 am

Minutes-

- 1) Approval to the present course structure with minor changes
- 2) Introducing Political Sociology in semester V
- 3) Instead of Political Process in Maharashtra, Public Policy paper can be included in semester VI
- 4) Adding a topic on Preamble and IV module on Indian Judiciary in place of major religions in world in semester I

**Bachelor of Social Work & Masters in Social Work
Minutes of the BoS**

Date 1st August, 2019 time 10.30 am

Minutes-

- 1) Approval to the present course structure with minor change
- 2) Avoid repetition of content and bring uniformity in subject credits
- 3) History of social work and social problem and development can be clubbed in to one for 4 credits.
- 4) Remove unit-6 from Introduction to Sociology (MSW).
- 5) Remove Feminist movement part from Social Work History course (MSW).
- 6) In working with family course, problem solving model is repetitive- also ICDS to Health insurance part needs to be removed, REBT and family therapy part needs to be added in the syllabus.
- 7) Community Organization and development - Understanding community- Unit 3 capacity building to Marginalized groups part needs to be removed also from Unit 4 strategies for social action to social movements needs to be removed.
- 8) Medical and Psychiatric Social Work course needs to have theoretical changes and add person centered and family theories.
- 9) 4001 Woman Empowerment - Remove Unit: status of women in India, change subject title to: women empowerment
- 10) Meeting was concluded by approving the BSW and MSW syllabus.

5.14 Amity Law School

Minutes of BOS

1 UGC Course Structure of Batches 2015-20, 2016-21, 2017-22, 2018-23 & 2019-24 (5 Years Integrated Course). Committee was briefed the need for rationalizing the course of above batches as per the BCI Guidelines. The Board of Studies noted the changes and affirmed the rationalized course.

2 UG Course structure of the batches 2017-20, 2018-21, 2019-22 (3Years Course) Committee was briefed the need for rationalizing the course of the above batches a per the BCI Guidelines.

3 Evaluation pattern of clinical papers: Committee was briefed the need for restructuring the evaluation pattern of compulsory 04 clinical papers as per the BCI guidelines . BOS suggested calling external experts / teachers to judge evaluation of clinical papers to maintain transparency on the system and more objective evaluation.

5.15 RICS of Built Environment

companies follow either a five day week or a six day week depending upon their operational requirements.

- 3.5.4 The Chairman suggested that an Integrated Masters Course can be considered enabling BBA REUI students to obtain MBA REUI qualification, by spending one more year at the school. Such a measure would attract more students for the BBA program attractive.
 - 3.5.5 The Chairman suggested that the guide's name should also be indicated on the papers which are being presented in different conferences / seminars in the interest of the student and his guide...
 - 3.5.6 Shailesh wished to know whether Corporate Social Responsibility (CSR) is being covered under any of the subjects taught at RICS SBE. Introduction of CSR Practices has become vital for the students as CSR programs has become mandatory for the corporations in India. A certain percentage of corporate profits have to be utilized for designated CSR activities. He also suggested that many corporations in India are looking forward to get certified as "B Corporation" by integrating sound employee and environment practices. Most of the corporations in India have started following the Triple Bottom-line approach in their operations and the students should be exposed to the fundamentals of Environment Management practices in built environment.
- 3.6 Academic Plans for 2019-20 were presented by AS. He mentioned that the programs which were approved by the BoS at its first meeting in 2017 were being continued and that no new programs were introduced in 2018-19. However, considering the emerging dynamics in the economy, in the context of recommendations of OECD and WEF, a new concept in imparting education was being proposed. The proposals contain responses of a broad spectrum of stakeholders such as industry professionals, Board of Studies, Area Advisory Board, alumni, graduates etc. The changes in the curriculum are broad-based and have a higher element of self-study. These are also expected to promote critical thinking and have a research focus. These are better aligned with RICS pathways relevant for Assessment of Professional Competency. The programs now include elements of digital technologies, BIM, IoT, AI, ML, Blockchain, 3D printing etc., in addition to offering students an opportunity to choose electives from a basket of options and thereby pursue super-specialisation in select areas. These specialisation programs are available across streams thereby enabling the students of MBA CPM to pursue subjects commonly offered to MBA REUI students, and vice versa. It is felt that all of these would be a good offering for Gen Z – the new age of learners who may not be content with the conventional Teacher-centric method of teaching. In addition to the above changes, there are also shifts in assessment methodologies which are based on Bloom's Taxonomy and leading to the competency based outcomes.
- 3.7 Revised Curriculum of MBA CPM, MBA REUI and BBA REUI were presented by AS for discussion. It was stated that no change was made in the total credits mandatory for graduation, however, the number of courses and their contents have been modified for a greater appeal and in relevance with changing times. The CPM program shall follow one RICS pathway while the REUI program would cover two RICS Pathways. The revised curricula have put a higher emphasis on Ethics and Sustainability. With the offering of specialisation courses, it is felt that the programs would impart more opportunities for the students to be future-ready and be able to handle the issues affecting the industry upon graduation. Foreign Language courses have been classified as optional subjects and the credits allocated to them have been clubbed with other courses under Value Added Courses. Pursuant to the presentations, there was discussion as under.

- 3.7.1 AVA highlighted the important aspects of Education 4.0 which were considered as a foundation for the curricula that also imparts the flexibility to students. It was found that companies are offering opportunities in Sales, Business Development etc. for which our CPM students were not willing to consider due to their lack of exposure to the same in the subjects studied by them. Similarly, REUI students were not considering opportunities in project management/ monitoring etc. In order to plug these gaps, it was decided to offer cross-stream specialisation. Further the students are being granted an opportunity to acquire super-specialisation through the revised curricula as explained in the program structures.
- 3.7.2 AVA mentioned that Education 4.0 as being implemented was a step in the right direction and it will help students to pursue different career options and opt for the elective subjects to prepare themselves for the same. AA mentioned that the template for Education 4.0 delivery is under preparation. We are planning to lay emphasis on flipped classrooms, interactive sessions etc. AVA mentioned that TCS is taking steps in this direction by building skill centres and designing facilities for learning. These could become useful in the future.
- 3.7.3 AVA wished to know which subject would promote innovation. SP provided examples of his courses where students get an opportunity to do critical thinking and with the help of out-of-the-box thinking, they may be able to generate innovative solutions to problems. Once obtained, the policy implications flowing from these solutions would be available for one and all to pursue and adopt.
- 3.7.4 Revised Curriculum of the following programs was approved by the 3rd BOS
- a. MBA in Construction Project Management (With Super-specialisation)
 - b. MBA in Real Estate and Urban Infrastructure (With Super-specialisation)
 - c. BBA in Real Estate and Urban Infrastructure
- 3.7.5 Following the discussions – Chairman made the following suggestions –
- 3.7.5.1 The row containing information about Foreign Business Languages may be removed from the main course structure shown in presentations / documents and be presented below the semester courses line. The optional and non-credit nature of the subject will be clearly visible within the examination pattern and system and it would not be considered for evaluation.
 - 3.7.5.2 Credit Absorption scheme should be designed and implemented for the student undergoing current semester takes a semester drop and wishes to join the revised curriculum in the subsequent term of the revised curriculum.
 - 3.7.5.3 The practice of awarding marks for class participation should be continued as a component of the assessment
 - 3.7.5.4 A suitable communication may be designed for the students while announcing the launch of the revised curriculum.
- 3.8 Any other matter with the permission of the chair. As there was no other matter for discussions, the meeting was called to an end.
- 3.9 Vote of thanks was presented by SP.

5.16 CII School of Logistics

1. Minutes of BOS meeting

No separate Board of Studies Meeting was conducted at our Mumbai Campus as subject content and credits structure continues to remain the same for this year.

2. Academic activities of various Institutes/Departments after the last Academic Council meeting

We had arranged following activities for our students during the academic year 2018-19:-

- CII Digital Supply Chain Conference, at Hotel Taj Land's End, Bandra, Mumbai in Aug 2018
- Guest lecture on Industry 4.0 by Prof Dr. Terence Perera of Sheffield Hallam University, UK was held on 10th September 2018 at AUM Campus.
- Students of CII School of Logistics were taken to Reserve Bank of India (RBI) Headquarters in Mumbai for an Industrial Visit on Oct 24 2018.
- CII Smart Logistics Conference at Hotel Taj Vivanta, Mumbai in Nov 2018
- CII Supply Chain & Logistics Excellence (SCALE) Awards at Hotel JW Marriott, Pune in Dec 2018
- CII Workshop on Supply Chain 4.0: Emerging trends in Sustainable Supply Chain at Hotel Transit, Vile Parle, Mumbai in Feb 2019
- Students of CII School of Logistics were taken to CCI Logistics Ltd, Panvel Warehouse for an Industrial Visit on May 2, 2019.
- CII Training Workshop on "Cost Analysis for Strategic Decision" at Waterstones Hotel, Andheri, Mumbai in June 2019
- CII Conference on Next Generation Supply Chain 2019 on 5 July 2019 at Hotel ITC Grand Maratha, Sahar, Mumbai

3. New Programs to be introduced/Programs to be discontinued

No change

5.17 Amity Institute of Nanotechnology

Centre for Nanoscience & Nanotechnology, Amity University, Mumbai, Maharashtra

Progress Report (1st March 2019-23rd Sept 2019)

Name of faculty: Dr. Dattatray J. Late

1. Minutes of BOS meeting - BOS not yet formed. The first meeting is scheduled to be held soon after approval of committee members list. The syllabus and course structure for MSc in Nanoscience and Nanotechnology has already been formulated.

2. Academic activities of various Institutes/Departments after the last Academic Council meeting.

- i. Research Projects submitted for funding 8 (Rs ~ 472.60 lakh) as PI/CI.
- ii. MOU signed with other institute /University for research / teaching activities / exchange visit program at respective places: 01
- iii. List of book chapter submitted: 01
- iv. List of book edited: 01
- v. Research papers communicated: 04
- vi. Invited lectures delivered in international conference: 01
- vii. Mini workshop on "Nanoscience and Nanotechnology" organized for Amity faculty / students at Mumbai campus: 01
- viii. IOP Author workshop attended: 01

- ix. Industry link established for exchange visit research work: 01

3. (A) New Programs to be introduced

- i. MSc in Nanotechnology
- ii. PhD in Science and Technology / Engineering from Dec. 2019 onwards.

(B) Programs to be discontinued: NA

Item No. 6: Academic activities of various Institutes/Departments after the last Academic Council meeting

All the School Heads shared with the Board, briefly, the academic activities of their respective schools after the last Academics Council meeting.

Item No. 7: New Programs to be introduced/Programs to be discontinued

The chairperson made it categorically clear that there would be no new courses introduced for the time being. The endeavor would be to have a complete focus on consolidating the existing courses. Dr. Rao explained to Ms. Mohadessa the University position vis-a viz the proposed new courses sought to be introduced.

Item No. 8: Academic Calendar for the next semester

The Academic Calendar being in the process of getting finalized could not be approved. However, the Registrar was authorized to circulate the Academic Calendar after receiving the approval from the Chancellor's Office.

Item No. 9: To discuss about rankings & accreditations

Dr. Rao stressed upon the need to go for rankings and accreditation in a big way. He shared with the Board that before NAAC accreditation, the UGC inspection needed to be happen. He directed the Registrar to initiate the process for the inspection. About the NIRF, he discussed with the Board about certain limitations which could prevent AUM from getting a very high Ranking. However, the way we are brining about major changes ensuring our moving towards the improvements that ensures a really high ranking.

Item No. 10: To discuss about IQAC

The chairperson detailed the Board about the IQAC activities of AUM.

Item No. 11: Any other item with the permission of the Chair

Item No. 12: Vote of thanks

The meeting concluded with a formal note of thanks.

Sd/-
Registrar