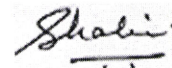# MINUTES OF BOARD OF STUDIES MEETING

The BoS meeting of Department of Computer Science and Engineering was held on July 19, 2020 and the following programme were proposed:

1. B.Tech. (Artificial Intelligence and Machine Learning), B.Tech.(AIML)

Members of the BoS , external experts and other faculty members of CSE department attended the meeting:
1. Dr. S.N. Sridhara - Director ASET
2. Dr. Shalini Bhaskar Bajaj - HoD(CSE) and AIIT
3. Dr. Vivek Jaglan (External Expert- Academia)
4. Mr. Shubham Jain (External Expert - Industry)
5. Mr. Pankaj Verma (External Expert - Industry)
6. Dr. Sanjeev Sharma
7. Dr. Subhra Das
8. Dr. Rajesh Tyagi
9. Dr. Sunil Sikka
10. Dr. Vikas Thada
11. Dr. Shweta Sinha
12. Dr. Anil Mishra
13. Dr. Aman Jatain
14. Dr. Charu Jain
15. Dr. Meenu
16. Dr. Jitendra Verma
17. Dr. Khushboo Tripathi
18. Dr. Yojna Arora
19. Dr. Rashmi Gupta
20. Mr. Anuj Kumar
21. Ms. Aarti Chugh
22. Mr. Utpal Srivastava
23. Mr. Akshat Agarwal
24. Mr. Ankit Garg
25. Ms. Poonam Sharma
26. Ms. Sarika Chaudhary
27. Ms. Pooja Nagpal

The BoS Meeting held online through MS Team
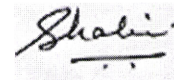
Dr. Shalini Bhaskar Bajaj
Director ASET

28. Ms. Swati Gupta
29. Ms. Komal Rana
30. Ms. Ruchi
31. Mr. Krishan Kumar
32. Ms. Deepthi
33. Ms. Nishu Sethi
34. Ms. Neha Bhateja
35. Ms. Shivangi
36. Mr. Vivek Birla
37. Ms. Ashima Gambhir
38. Ms. Ashima Narang
39. Ms. Priyanka Makkar

Meeting started with a welcome note to the external experts and faculty members at 10:30 am.

The BoS Meeting held online through MS Team

Dr. Shalini Bhaskar Bajaj
Director ASET

Registrar
Amity University Haryana
Manesar Gurgaon-122413

B.Tech. (Artificial Intelligence and Machine Learning)

FIRST SEMESTER

Course Code	Course Title	Lecture (L) Hours Per week	Tutorial (T) Hours Per week	Practical (P) Hours Per week	Total Credits
	Engineering Mathematics-I	3	1	-	4
	Engineering Physics	2	1	-	3
	Introduction to Computers & Programming in C	2	1	-	3
	Elements of Mechanical Engineering	3	-	-	3
	Programming in C Lab	-	-	2	1
	Engineering Physics Lab	-	-	2	1
	Elements of Mechanical Engineering Lab	-	-	2	1
	Open Electives				9*
CSS2152	English-I *	1	-	-	1
BEH2151	Understanding Self for Effectiveness*	1	-	-	1
ENV2152	Environmental Studies	4	-	-	4
	Foreign Language-I*	3	-	-	3
LAN2170	French for Technology-I				
LAN2152	German-I				
LAN2153	Spanish-I				
LAN2154	Russian-I				
LAN2155	Chinese-I				
LAN2156	Portuguese-I				
LAN2157	Korean-I				
LAN2158	Japanese-I				
LAN2159	Hindi-I **				
	TOTAL				25

** Hindi as Foreign Language for Foreign National Students

Registrar
Amity University Haryana
Manesar Gurgaon-122413

SECOND SEMESTER

Course Code	Course Title	Lecture (L) Hours Per week	Tutorial (T) Hours Per week	Practical (P) Hours Per week	Total Credits
	Engineering Mathematics-II	3	1	-	4
	Engineering Chemistry	2	-	-	2
	Engineering Mechanics	2	1	-	3
	Basics of Electrical & Electronics Engineering	2	1	-	3
	Object Oriented Programming using C++	2	1	-	3
	Object Oriented Programming using C++ Lab	-	-	2	1
	Engineering Chemistry Lab	-	-	2	1
	Basics of Electrical & Electronics Engineering Lab	-	-	2	1
	Engineering Graphics Lab	-	-	4	2
Open Electives					5*
CSS2252	English-II*	1	-	-	1
BEH2251	Problem Solving and Creative Thinking*	1	-	-	1
	Foreign Language-II*	3	-	-	3
LAN2270	French for Technology-II				
LAN2252	German-II				
LAN2253	Spanish-II				
LAN2254	Russian-II				
LAN2255	Chinese-II				
LAN2256	Portuguese-II				
LAN2257	Korean-II				
LAN2258	Japanese-II				
LAN2259	Hindi-II				
TOTAL					25

THIRD SEMESTER

Course Code	Course Title	Lecture (L) Hours Per week	Tutorial (T) Hours Per week	Practical (P) Hours Per week	Total Credits
	Database Management Systems	3	1	-	4
	Operating Systems	3	-	-	3
	Data Structures using C	3	1	-	4
	Digital Electronics	2	-	-	2
	Data Structures Using C Lab	-	-	2	1
	Database Management Systems Lab	-	-	2	1
	UNIX Programming Lab	-	-	2	1
	Digital Electronics Lab	-	-	2	1
	Concentration Electives				**3**
	Electronic Devices & Circuits	2	-	-	2
	Electronic Devices & Circuits Lab	-	-	2	1
	E-Commerce & ERP	3	-	-	3
	Statistics & Probability Concepts	3	-	-	3
	Open Electives				**4*+3**
CSS2151	Effective Listening*	1	-	-	1
BEH2351	Group Dynamics and Team Building*	1	-	-	1
	Foreign Language-III*	2	-	-	2
LAN2370	French for Technology-III				
LAN2352	German-III				
LAN2353	Spanish-III				
LAN2354	Russian-III				
LAN2355	Chinese-III				
LAN2356	Portuguese-III				
LAN2357	Korean-III				
LAN2358	Japanese-III				
LAN2359	Hindi-III				
	Minor Track Course (Flexi)	-	-	-	3

		TOTAL				27

FOURTH SEMESTER

Course Code	Course Title	Lecture (L) Hours Per week	Tutorial (T) Hours Per week	Practical (P) Hours Per week	Total Credits
	Discrete Mathematics	3	-	-	3
	Artificial Intelligence	3	-	-	3
	Analysis & Design of Algorithm	3	-	-	3
	Data Communication & Computer Networks	3	-	-	3
	Artificial Intelligence Lab	-	-	2	1
	Data Communication & Computer Networks Lab	-	-	2	1
	Analysis & Design of Algorithm Lab	-	-	2	1
Concentration Electives					**3**
	Artificial Neural Network	2	-	-	2
	Artificial Neural Network Lab	-	-	2	1
	Communication Systems	2	-	-	2
	Communication Systems Lab	-	-	2	1
	Web Designing Technologies	2	-	-	2
	Web Designing Technologies Lab	-	-	2	1
Open Electives					**4*+3**
CSS2251	Presentation Skills*	1	-	-	1
BEH2451	Stress and Coping Strategies*	1	-	-	1
	Foreign Language – IV*	2	-		2
LAN2470	French for Technology-IV				
LAN2452	German-IV				
LAN2453	Spanish-IV				
LAN2454	Russian-IV				
LAN2455	Chinese-IV				
LAN2456	Portuguese-IV				

Registrar
Amity University Haryana
Manesar Gurgaon-122413

Course Code	Course Title				Total Credits
LAN2457	Korean-IV				
LAN2458	Japanese-IV				
LAN2459	Hindi-IV				
	Minor Track Course (Flexi)	-	-	-	3
	TOTAL				25

SUMMER INTERNSHIP-I

FIFTH SEMESTER

Course Code	Course Title	Lecture (L) Hours Per week	Tutorial (T) Hours Per week	Practical (P) Hours Per week	Total Credits
	Computer Architecture	3	-	-	3
	Java Programming	3	-	-	3
	Fundamentals of Machine Learning	3	-	-	3
	Fundamentals of Machine Learning Lab	-	-	4	2
	Java Programming Lab	-	-	2	1
	Python Programming Lab	-	-	2	1
	Summer Internship Evaluation-I	-	-	-	3
	Concentration Electives (Select any one)				**3**
	VHDL Programming	2	-	-	2
	VHDL Programming Lab	-	-	2	1
	Fuzzy Logic & Genetic Algorithm	3	-	-	3
	Advanced Web Designing Technologies	2	-	-	2
	Advanced Web Designing Technologies Lab	-	-	2	1
	Open Electives				**4*+3**
CSS2351	Reading & Comprehension*	1	-	-	1
BEH2552	Personality, Nationalism and Human Values*	1	-	-	1

Registrar
Amity University Haryana
Manesar Gurgaon-122413

Course Code	Course Title	Lecture (L) Hours Per week	Tutorial (T) Hours Per week	Practical (P) Hours Per week	Total Credits
	Foreign Language-V*	2	-	-	2
LAN2570	French for Technology-V				
LAN2552	German-V				
LAN2553	Spanish-V				
LAN2554	Russian-V				
LAN2555	Chinese-V				
LAN2556	Portuguese-V				
LAN2557	Korean-V				
LAN2558	Japanese-V				
LAN2559	Hindi-V				
	Minor Track Course (Flexi)	-	-	-	3
	TOTAL				26

SIXTH SEMESTER

Course Code	Course Title	Lecture (L) Hours Per week	Tutorial (T) Hours Per week	Practical (P) Hours Per week	Total Credits
	Advanced Java Programming	3	-	-	3
	Deep Learning	3	-	-	3
	Research Methodology & Technical Report Writing	2	-	-	2
	Deep Learning Lab	-	-	2	1
	Advanced Java Programming Lab	-	-	2	1
	R-Programming Lab	-	-	4	2
	Minor Project-I	-	-	-	2
	Concentration Electives (Select any one/one set)				3
	VLSI Design	2	-	-	2
	VLSI Design Lab	-	-	2	1
	Open Source Technologies	2	-	-	2
	Open Source Technologies Lab	-	-	2	1
	Data Mining	3	-	-	3

		Open Electives			4*+3
CSS2451	Corporate Communication*	1	-	-	1
BEH2652	Interpersonal Communication*	1	-	-	1
	Foreign Language-VI*	2	-	-	2
LAN2670	French for Technology-VI				
LAN2652	German-VI				
LAN2653	Spanish-VI				
LAN2654	Russian-VI				
LAN2655	Chinese-VI				
LAN2656	Portuguese-VI				
LAN2657	Korean-VI				
LAN2658	Japanese-VI				
LAN2659	Hindi-VI				
	Minor Track Course (Flexi)	-	-	-	3
	TOTAL				24

SUMMER INTERNSHIP-II

SEVENTH SEMESTER

Course Code	Course Title	Lecture (L) Hours Per week	Tutorial (T) Hours Per week	Practical (P) Hours Per week	Total Credits
	Natural Language Processing	3	-	-	3
	Reinforcement Learning	3	-	-	3
	Social Network Data Analytics	3	-	-	3
	Reinforcement Learning Lab	-	-	2	1
	MATLAB Programming	-	-	2	1
	Natural Language Processing Lab	-	-	2	1
	Summer Internship Evaluation-II	-	-	-	3
	Minor Project-II	-	-	-	2
	Concentration Electives-I (Select any one/one set)				3

Registrar
Amity University Haryana
Manesar Gurgaon-122413

	Course Title	L	T	P	Credits
	Mobile Computing	3	-	-	3
	Robotic Process Automation Design & Development	3	-	-	3
	Responsive Web Design	2	-	-	2
	Responsive Web Design Lab	-	-	2	1
	Open Electives				**4*+3**
CSS2551	Employability Skills*	1	-	-	1
BEH2751	Relationship Management*	1	-	-	1
	Foreign Language-VII*	2	-	-	2
LAN2770	French for Technology-VII				
LAN2752	German-VII				
LAN2753	Spanish-VII				
LAN2754	Russian-VII				
LAN2755	Chinese-VII				
LAN2756	Portuguese-VII				
LAN2757	Korean-VII				
LAN2758	Japanese-VII				
LAN2759	Hindi-VII				
	Minor Track Course (Flexi)	-	-	-	3
	TOTAL				**27**

EIGHTH SEMESTER

Course Code	Course Title	Lecture (L) Hours Per week	Tutorial (T) Hours Per week	Practical (P) Hours Per week	Total Credits
	Project-Dissertation	-	-	-	8
	Concentration Electives				**3**
	Digital Image Processing	2	-	-	2
	Digital Image Processing Lab	-	-	2	1
	Dot Net Programming	2	-	-	2
	Dot Net Programming Lab	-	-	2	1
	Advance Robotic Process Automation Design & Development	3	-	-	3

Registrar
Amity University Haryana
Manesar Gurgaon-122413

		Open Electives				2*+3
CSS2651	Workplace Communication*	1	-	-	1
BEH2851	Personal &Professional Excellence*	1	-	-	1
	Minor Track Course (Flexi)	-	-	-	3
	TOTAL				**16**

*Compulsory

Following were the discussions points

1. Dr. S.N.Sridhara, Director, ASET asked to verify the ratio of NTCC course in the programme to be as per the UGC norms.
2. Mr. Anuj K. Singh verified the CS and BS courses included in the programme structure.

The points raised during the discussion are verified and the programme structures of B.Tech (AIML) is presented for assigning codes.

Registrar
Amity University Haryana
Manesar Gurgaon-122413