

Manav Rachna University
(est. vide Haryana Act 26 Of 2014)
School of Engineering
Department of Computer Science & Technolog
Sector 43, Delhi Surajkund Road, Faridabad-121004 (Haryana)

MoM: 8th Board of Studies (BOS) online meeting

Date: 15-02-2022 , Time: 11:00 A.M

Platform: Google Meet

At the outset, the chairperson welcomed all the board members with special thanks to Prof. Anjana Gossain, Expert member for sparing time from her busy schedule to attend the meeting. After that agenda items were taken and the board recommended as under:

8.1: Movement of elective courses basket from 8th semester to 6th and 7th semesters in program structure from 2k19-23 batch onwards due to 6 month industry training option being provided to the student in 8th semester.

The board felt that it was fairly justified and gave approval for the same.

8.2: Approval of SWAYAM-NPTEL MOOC Courses being offered for credit transfer

The members were apprised about the popular MOOC courses like Joy of computing using Python, Programming, data structures using Python, Machine learning etc which are chosen by the students in good numbers. The list of courses being offered to the students of 6th for domain elective for 4 credits and workshop elective for 1.5 electives and 8th semester for domain elective for 4 credits and soft elective -I and II for 2 credits was approved by the board.

8.3: Approval of Ph.D program area specific courses offered in course work duration and MOOC courses as area specific courses from BoS.

It was shared with the members about the offering of MOOC course "Machine Learning" on Coursera to satisfy the requirement of an area specific course being opted by two students. Prof. Anjana enquired about the credits for those courses and the board approved the list.

8.4: Approval of the list of all courses being offered in PBL (Project-based learning) mode for the Jan-June 2022 session.

Dr. Manpreet Kaur initially gave an outline of Project Based Learning pedagogy started in the previous semester. She discussed the list of courses and their course assessment plan where PBL has been adopted as the way of teaching. She also discussed the mixed response of the students

for PBL where some of the students have really enjoyed this innovative way of teaching while a few have not shown positive response. Rubrics were also presented before the board for any kind of suggestions. Prof. Anjana suggested that lectures should be given to students for which justification was given that lectures are still given but the number of lectures has been decreased.

She raised the concern that the course titled "Unsupervised Learning & Neural Network" does not justify as Neural Networks do not justify being part of the Unsupervised Learning course. The proposed list of courses for the current semester where PBL has been adopted as methodology was approved by the board.

8.5: Approval of Value added courses offered in Jan-June 2022 session along with its evaluation criteria, syllabus, and certification.

The syllabus, assessment pattern and certification criteria of non credit Value Added course "Competitive programming" was presented before the board.

Prof. Anjana put forward her query regarding target audience of this course where HOD informed that DoCST has kept it open for 2nd, 3rd and 4th year students of CST deptt. and other engineering departments as well. Also HOD shared the information about more Value Added Courses on "Data Analytics using Python", "Artificial Intelligence & Machine Learning", "Advanced Machine Learning", "Business Analytics using R" offered to the Mathematics Department. The parent department is DoCST while the VAC courses have been approved in BOS by the Mathematics department.

8.6: Updation in PSO1 Program Specific Outcome 01) of B.Tech. CSE program by including cybersecurity, gaming, and animation keywords.

It was shared that the existing PSO1 doesn't cover cyber-security, gaming, and animation though the department is offering B.Tech. CSE with specialization in Cyber Security and Threat Intelligence. Also, course related to animation are being offered and further a new elective basket related to gaming is being proposed in the next semester in collaboration with a new company GoodGame1. Therefore existing PSO1 as mentioned under is revised again and mentioned again thereafter.

PSO1: Design and develop computer programs and possess acquaintance with emerging technologies and open-source platforms in the area of mobile app development, artificial intelligence, machine learning, web development, data analytics, cloud computing and networking to build effective computer-based systems

After modification:

PSO1: Design and develop computer programs and possess acquaintance with emerging technologies and open-source platforms in the area of mobile app development, artificial intelligence, machine learning, web development, data analytics, cloud computing, networking, cyber security, gaming and animation to build effective computer-based systems. The board agreed to this proposal and approved the revised PSO1.

8.7: New initiatives of the department

Dr. Manpreet Kaur also shared about the new initiatives of the department

(i) Coding Ninja Team has been formed to prepare students for cracking of coding tests of major companies and international coding competitions.

Prof. Anjana has shared her concern if students had to pay for the courses which was further clarified by HoD that university will bear the expenses for a particular batch of the students selected after assessment test conducted by Coding Ninja.

(ii) Courses with Infosys Springboard have been introduced for undergraduate students for their self learning.

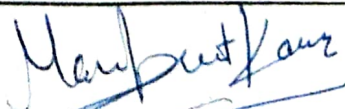
Prof. Hanu Bhardwaj gave brief introduction and benefit of Infosys Springboard courses which are being offered to students. She also shared that faculty is advised to integrate lab exercises and assignments into their respective courses for the enrichment of these students which will make them industry ready.

(iv) The overall credits of Program Structure has been rounded off from 160.5 to 161.

HOD shared that the UGC team visited the university and shared their observation that Program Structure should not have credits in fraction. Computer Science program credits were rounded off from 160.5 to 161 by increasing the credits of a basket of workshop courses to 2 credits from 1.5 credits.

The meeting ended with a vote of thanks to all.

Following members were present in the meeting:

S.No	Name	Designation	Capacity	Signature
1.	Prof. Anjana Gosain	Professor	GGSSIP University Expert Member	
2.	Dr. Manpreet Kaur	Professor, Head of Computer Science &	Chairperson	

		Technology		
3.	Ms. Chandni Maggoo	Associate Head of Computer Science & Technology	Member	<u>Chandni</u>
4.	Dr. Susmita Ray	Professor	Member	Susmita Ray
5.	Dr. Jyoti Pruthi	Professor	Member	
6.	Dr. Hardeo Kr Thakur	Professor	Member	Hardeo
7.	Ms. Hanu Bhardwaj	Associate Professor	Member	Hanu
8.	Ms. Gaganjot Kaur	Assistant Professor	Special Invitee	
9.	Ms. Mamta Arora	Assistant Professor	Special Invitee	<u>Mamta</u>

BOS Chairperson,
Dr. Manpreet Kaur,
HoD, Computer Science & Technology