

**SDM COLLEGE OF ENGINEERING & TECHNOLOGY, DHARWAD**

**DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING**

**Date: 29-06-2021**

**UG - BOS - Minutes of meeting**

The Undergraduate program Board of Studies (BoS) meeting was conducted in **online mode** on **19-06-2021** and **20-06-2021**.

**Resolutions:**

1. The external and internal members of BoS, faculty members of CSE department approved the course contents of VII & VIII semesters of B.E. (CSE).

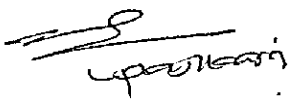
**Suggestions:**

The following are the discussions / suggestions given in the meeting for the syllabus presented to the External / Internal BoS members and the faculty members of CSE:

- **Dr. RBV Subramaanyam (NIT, Warangal)** elaborated on the finer points of **National Education Policy (NEP) – 2020**. Further, the issues and challenges in the NEP implementations were also discussed.
- **Dr. Shreedhara.K.S. (UBDT, Davangere)** mentioned that the syllabus of a course should have **Textbooks** mentioned separately along with **Reference books**. In the absence of Textbooks, it will become inconvenient for the proper reference for the external examiners while setting the Question paper.
- **Mr. Vijay Upadhyay (Torry Harris Integration Solutions, Bengaluru)** insisted on the inclusion of appropriate Laboratory tools in the laboratory courses.
- **Dr. Rajshekar K. (IIT, Dharwad)** mentioned to look into the syllabus of Advanced Computer Architecture because there is a Unit with the heading ‘Software for Parallel Programming’, but contents are more of hardware.

- **Dr. Shreedhara.K.S.** suggested to add laboratory component in the syllabus of Advanced Computer Architecture (ACA). For instance, Architecture based simulators for performance measurements.
- **Mr. Sreenivas Ramanujam (Tata Consultancy Services, Bengaluru)** and **Dr. Shreedhara.K.S.** expressed the concern of relevance of enhancing internship take-aways. Further, they suggested taking measures in the curriculum to check the students' learning on industry culture.
- **Mr. Sreenivas Ramanujam** also suggested for organizing 'think-tank meet' at the department level for showcasing the internship learnings to the peers.
- **Mr. Vijay Upadhyay** recommended including 'Automation testing' in Software Testing.
- **Dr. Shreedhara.K.S.** and **Mr. Vijay Upadhyay** expressed to include / exchange new electives like Blockchain, Cryptocurrency, etc. in the department elective pools.
- The elective 'Mobile Application Development' may be replaced with 'Blockchain technologies'.
- All the external BoS members suggested for floating electives chosen from M. Tech. so that the subject groups can be formed to enhance the level of learning.
- **Mr. Shreedhara** suggested adding one unit in Data Science course - 'Mathematics in Data Science'.
- **Mr. Vijay Upadhyay** commented that there are overlapping topics in two different courses – Data Science and Machine learning, which may be rectified; some of the topics of Data science also appear in Machine learning and vice-versa.
- Also, the members mentioned that there is a need for demonstrative assignments in Distributed systems, especially on HDFS.

The suggestions may be incorporated with the approvals of the concerned authority at the institution based on the feasibility.



**(Dr. U.P.Kulkarni)**

**HOD – CSE**

**SDM COLLEGE OF ENGINEERING & TECHNOLOGY, DHARWAD**  
**DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING**

**Date: 29-06-2021**

**PG-BOS - Minutes of meeting**

The Postgraduate program Board of Studies (BoS) meeting was conducted in **online mode** on **20-06-2021**.

**Resolutions:**

1. The external and internal members of BoS, faculty members of CSE department approved the course contents of III & IV semesters of M Tech. (CSE).

**Suggestions:**

1. Durations for internship is less, minimum of 12 weeks
2. All electives must be grouped into a single list, student can take any elective in any semester.
3. More practical exposure to the students
4. Encourage the students to take in house project and open-source project
5. Along with Reference book include Text-Book which will help external examiner to set the question papers

The suggestions may be incorporated with the concerned authority at the institution based on the feasibility.



**(Dr. U.P.Kulkarni)**

**HOD-CSE**

## BoS – 2020 Feedback

<b>UG - Observations and Resolutions /Suggestions</b>	
1	<b>Mr. Sreenivas Ramanujam</b> from TCS Bangalore suggested to include Industry experts along with proposed alumni participation as a part of webinars attached with every course. The floor <b>agreed and approved</b> this suggestion and also <b>suggested</b> to conduct quiz based on the expert talk after one week of the session.
2	The floor <b>agreed and approved</b> the changes in the titles of courses as Data Communication and Computer Networks instead of Computer Networks I and Computer Network -II.
3	<b>Mr. Vijay Upadhya</b> from Torry Harris Integration Solutions Bangalore suggested for including Student Presentations for every subject as part of the PEM. The floor <b>agreed and approved</b> this suggestion.
4	<b>Prof. RBV Subramaanyam from NIT Warangal</b> highlighted the non-availability of File organization concepts during the discussion of Database Management Systems course contents. However, it was brought to the notice to the floor by Dr.U.P.Kulkarni that it is included in other courses. The floor <b>agreed and approved the inclusion</b> of activity based on file organization in PEM of DBMS theory and / or in the DBMS laboratory
5	<b>Mr. Vijay Upadhya from Torry Harris Integration Solutions Bangalore</b> suggested for including NoSQL, Graph Databases as part of DBMS course. However, Prof. RBV Subramaanyam from NIT Warangal insisted for covering these concepts through self-study mode / project based learning by the students. The floor <b>agreed and approved the inclusion</b> of activity in PEM of DBMS theory and / or in the DBMS laboratory as self-learning drive connected with CTA.
6	<b>Prof. RBV Subramaanyam from NIT Warangal</b> suggested the following things: a) Inclusion of JDBC-ODBC concepts in Java. b) In the course Data Mining, the Unit 2 (Association Analysis) and Unit 3 (Classification) are to be dealt in the order: First Classification, then Association Analysis. c) Offering Embedded Systems as an Open Elective by the CSE department. The floor <b>agreed and approved</b> this suggestion. It was also noted that JDBC-ODBC concepts are covered in Advanced Object Oriented Programming ( Java).
<b>PG Observations and Resolutions/Suggestions.</b>	
1	<b>Mr. Sreenivas Ramanujam from TCS Bangalore</b> has informed that his group will <b>facilitate connecting industry experts</b> towards teaching of the courses Software Defined Networks and Image Processing and Computer Vision.
2	<b>Mr. Sreenivas Ramanujam from TCS Bangalore</b> has suggested reserving the last two semesters exclusively for Internship and Project Work for the students as being followed in premier institutes. The floor <b>agreed</b> to forward this information to the office of the Dean (Academics) program to call for the decision as the common scheme is followed for all the PG courses at the Institute level.
3	<b>Mr. Vijay Upadhya from Torry Harris Integration Solutions Bangalore</b> has appreciated the adoption of Performance Ensuring Measures (PEMs) followed for the courses in the department.
4	<b>Mr. Vijay Upadhya</b> has accepted our invitation to initiate the industry oriented problem formulation for the students in connection with project work.
The Chairman BoS, Dr. U P Kulkarni also requested the external members to provide any additional comments, if any, through the form shared in the email sent to all the BoS members, and those comments will also be considered after relevant email discussions with all the BoS members.	