



VASAVI COLLEGE OF ENGINEERING (Autonomous)

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DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

Date: 19.05.2018

Minutes of the meeting of Board of Studies, Computer Science & Engineering Department, held at 11.00 AM on Saturday, 19 May 2018 at the Conference Hall, Vasavi College of Engineering, Ibrahimbagh, Hyderabad-31.

Members Presents

Dr. T Adilakshmi, Professor & Head Dept. of CSE		Chairman & Head
Dr. K. Syamala Professor, Dept. of CSE, UCE Osmania University		OU nominee
Dr. Ch. Sobhan Babu Assistant Professor IIT Hyderabad		Subject expert
Dr. Siba K. Udgata Professor, HCU		Subject expert
Mr. Uma Mahesh Mudigonda, Pr. Product Manager, Microsoft		Alumnus
1	Dr. Nagaratna P. Hegde, Professor	Faculty Members
2	Ms. M. Sunitha Reddy, Asst. Professor	
3	Mr. R. Sateesh Kumar, Asst. Professor	
4	Mr. S. Vinay Kumar, Asst. Professor	
5	Mr. M.S.V. Sashi Kumar, Asst. Professor	
6	Ms. V. Sireesha, Asst. Professor	
7	Mr. V. Punna Rao, Asst. Professor	
8	Mr. C. Gireesh, Asst. Professor	
9	Ms. B Syamala, Asst. Professor	
10	Mr. i. Navakanth, Asst. Professor	
11	Ms. T. Jalaja, Asst. Professor	
12	Ms. T. Nishitha, Asst. Professor	
13	Ms. Shanmuga Sundari, Asst. Professor	
14	Ms. M Sujana, Asst. Professor	

Chairman welcomed the members and gave a brief overview of the department Vision Mission PEO's PO's and PSO's. She also highlighted few achievements of the department in the previous academic year. She also emphasized on the AICTE model curriculum.

Scheme and Syllabus of M. Tech. 2018-19 Joining Batch

- Chairman said that the AICTE Model curriculum was adopted in preparation of the curriculum for this batch of students
- BOS Members suggested Advanced OS to be included in the curriculum.
- Udgata suggested offering Soft Computing can be as an Elective course.
- Distributed Computing can be moved to PE-V and Network Security to PE-I
- Members suggested that FS-I Soft Skills can be part of Audit course. The credits for FS-I can be utilized in any other core course.
- Audit Course – I to be replaced with Advanced Databases.
- Requisite courses in PG courses should include subjects like Advanced Databases, Advanced Operating Systems, Advanced Algorithms and Advanced Data Structures.
- Information Security can be offered instead of Network Security. Include Blockchain topic, few topics from network security, database security in this course. Mathematical foundations must be a part of this course with atleast two units coverage.
- Data Science NPTEL course to be looked at in preparation of Mathematical Foundations of Computer Science course. Queuing Theory can be removed from the syllabus.
- Professional Elective III, IV can have Cloud Computing.
- Include atleast a unit of content in Distributed Systems in Cloud Computing
- Give Software Engineering use cases as a project under Mini Project
- Offer an additional lab course in place of a seminar in one semester

BE Scheme and Syllabus of 2018-19 Joining Batch

Chairman said that the AICTE Model curriculum was adopted in preparation of the B.E. curriculum for this batch of students. The scheme and syllabus of BE Honours was also discussed and approved.

I Semester:

- Courses were reviewed and no recommendations suggested.

II Semester:

- Udgata said Chemistry-II and Engineering Mechanics courses are not required for CS Students and can be removed.

- In place of these courses they said to include Data Structures in this semester along with a LAB.
- One course on Data Structures is enough since algorithms is offered in the subsequent semester

III Semester:

- No changes suggested

IV Semester:

- Differential calculus and Optimization topics should be included in M-IV as it helps in Data Science.
- Modify Mathematics-IV course to include contents of Discrete Mathematics and include any other Maths concepts that will help CS students.
- Bring Processors with Virtualization technology, ARM and Arduino along with 8085 processor in the syllabus and remove the existing topics.

V Semester:

- Software Engineering is not in AICTE model curriculum but should be a Core subject. SE syllabus should be reframed by adding topics like Agile methodologies.

VI Semester:

- WPS, AI are not suggested in model curriculum but is offered, the members have accepted the inclusion of these courses in curriculum
- If possible, shift ALC subject to the previous semesters

VII Semester:

- DS, DM are not suggested in model curriculum but is offered
- All professional elective streams were reviewed.
- Cloud and Distributed Systems cannot be merged into a single system
- Atleast 2 Streams must be completely offered.
- Two Professional Elective courses can be general and remaining can be specific verticals. Among these offer atleast TWO verticals to students if possible.
- Suggested the removal of Theoretical CS group
- Suggested streams are Systems, AI & Data Engineering, Applications can be the verticals

T. Adilakar
HOD, CSE 19/5/18