



**VASAVI COLLEGE OF ENGINEERING (Autonomous)**  
**ACCREDITED BY NAAC WITH 'A++' GRADE**  
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**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**

Minutes of the Meeting of the Board of Studies held on  
**03.07.2023 (Monday) at 10.30AM in the Conference Hall**

Members Present:

Dr. T. Adilakshmi, Professor & Head, Dept. of CSE		Chairman & Head
Dr. Suresh Kumar Lokhande, Associate Professor, Dept. of CSE, University College of Engg. Osmania University Hyderabad		University Nominee
Dr. Sobhan Babu, Associate Professor, Dept. of CSE, IIT Hyderabad		Subject Expert
Mr. Uma Mahesh Mudigonda, Pr. PM Manager, Microsoft, Hyd		Alumnus
Dr. P. Radha Krishna, Professor, CSE Dept., NIT Warangal		Subject Expert
Dr. Sampath Kumar Kathersala, Consultant, Tata Consultancy Services Ltd., Hyderabad		Industry Expert
Mr. M. Venkat Rao, Associate Vice President, Sunsoft Solutions Inc., Hyderabad		Industry Representative
Mrs. Linga Niharika, Software Engineer-II, Microsoft, Hyderabad		Alumnus
1	Dr. Nagaratna P. Hegde, Professor	Faculty Members
2	Dr. D Basavaraj, Professor	
3	Dr. V. Sireesha, Assoc. Professor	
4	Dr. K. Srinivas, Assoc. Professor	
5	Dr. Shailaja, Assoc. Professor	
6	Dr. Parsi Kalpana, Assoc. Professor	
7	Dr. Krishna Keerthi Chennam, Assoc. Professor	
8	Dr. R. Santosh Kumar, Assoc. Professor	
9	Dr. Bhargavi Peddi Reddy, Assoc. Professor	
10	Ms. M. Sunitha Reddy, Asst. Professor	
11	Mr. R. Sateesh Kumar, Asst. Professor	
12	Mr. S. Vinay Kumar, Asst. Professor	
13	Ms. T. Jalaja, Asst. Professor	
14	Ms. T. Nishitha, Asst. Professor	
15	Dr. M. Jitender Reddy, Asst. Professor	



- HOD welcomed the members and informed them that the institute has been Accredited with A++ grade by NAAC on 02<sup>nd</sup> February, 2021.
- Informed the members that B.E.-CSE intake is increased from 120 to 180 and intake of M.Tech. CSE is reduced from 18 to 12.

The following items on the agenda were taken up for consideration:

- 1. Review of Department Vision & Mission, PEO's, PSO's and PO's.**
  - The Chairman gave a brief overview of the Institute's Vision & Mission, Department Vision, Mission, PEO's, PO's and PSO's of UG and PG programs.
- 2. The Action taken report of the previous BoS meeting held on 13.06.2022 was presented and confirmed.**
- 3. Note on the Department achievements:**
  - Department achievements of academic year 2022-23 were presented by the chairman.
- 4. Reviewed and approved the scheme of instruction & examination and syllabi of BE (CSE) and BE (AI&ML) as follows.**

Regulation	Scheme	Syllabus
R23	I to II semesters	I and II semesters
R22	III and IV semesters	III and IV semesters
R21	V and VI semesters	V and VI semesters
R20	VII and VIII semesters	VII and VIII semesters

- 5. Suggestion given by members on the syllabi of BE-CSE and BE-CSE(AI&ML) programs.**
  - Mr. Venkat Rao suggested incorporating Computer Aided Drawing in Basic Engineering Drawing for circuit branches instead of using drafter.
  - Mr. Uma Mahesh and Mr. Venkat Rao suggested to remove Basic Engineering Mechanics course. Dr. Suresh Kumar informed that OU has removed this course.
  - Mr. Uma Mahesh suggested to add Quantum Physics. Chairman clarified that one unit is added in Physics of semiconductor and opto-electronic devices.
  - Dr. Radha Krishna suggested to rename the course Physics of semiconductor and opto-electronic devices to Semiconductor and opto-electronic devices.
  - Dr. Radha Krishna suggested to add content related to IoT data acquisition in Unit-V.
  - Dr. Suresh Kumar suggested to follow the same name convention for theory and lab courses like Material Chemistry course to have Material Chemistry Lab.



- Dr. Sampath suggested to include kernel module programming topic in Operating systems lab course.
- Dr. Radha Krishna suggested to swap Discrete Mathematics course in III semester with Transform Techniques and Probability & Statistics course in IV semester.
- Dr. Sobhan Babu suggested to move Full Stack Web Development course from VI to V semester and Software Engineering course from V to VI semester as it will help students to develop applications under Mini projects.
- Chairman informed the members that Full stack web development course is revamped to offer MERN stack.
- Dr. Venkat Rao told JavaScript content included is required to understand and develop UI using React. Dr. Sampath suggested to add Stateless component topic in React.
- Members suggested to allow students to apply either MEAN or MERN stack for doing assignments.
- Mr. Uma Mahesh suggested to add DevOps in Software Engineering course and corresponding experiment in the lab.
- Dr. Radha Krishna suggested not to include specific dataset in AI&ML lab experiments.
- Mr. Uma Mahesh suggested to include topics such as OS security, digital certificates, ransomware topics in Unit-I and Unit-II in Cyber Security course.
- Dr. Suresh Kumar suggested to include Large Language Models in the Natural Language Processing course.
- Dr. Suresh Kumar suggested to add text analytics using SpaCy toolkit and NLTK toolkit in the Natural Language Processing lab.
- Dr. Suresh Kumar suggested to remove security topics in Unit V from the Computer Networks course as the syllabus was lengthy.
- Dr. Suresh Kumar suggested incorporating more Socket programming experiments instead of network simulator experiments in Computer Networks course.
- Dr. Sobhan Babu said Optimization techniques, Operation Research, Electric Vehicles, 5G, Finance Management and Indian Constitution can be offered as Open Elective courses for CSE students.
- Dr. Suresh Kumar informed that OU colleges are offering only three open elective courses.
- Dr. Suresh Kumar advised to reduce the number of skill development courses. Chairman clarified that these courses are important for Placements.

**6. Reviewed and approved the scheme of instruction & examination and syllabi of M.Tech. (CSE) students to be admitted during the academic year 2023-24(R-23)**

- The chairman appraised the members that the following changes were incorporated for R23 compared to R22 regulation.
  - 5 core courses are offered in place of 6 core courses.
  - Skill Development Course-I: Communication Skills In English, Skill Development Course-I: Technical Skills are removed from Semester-I.

- Skill Development Course-II: Aptitude, Skill Development Course-II: Technical Skills are removed from Semester-II.
- Seminar is removed and added Mini Project with Seminar in Semester-II
- Mandatory requirement of NPTEL course (2 credits) has been removed.
- Dr. Suresh Kumar suggested to add AI or ML course. The chairman clarified that already AI is included as Professional Elective course.
- Dr. Suresh Kumar asked whether there is any overlap in the content of Advanced Algorithms and Advanced Data Structures courses. Chairman clarified that there is no overlap in the content.

**7. Reviewed and approved the scheme of instruction & examination and syllabi for the M.Tech. students admitted during the academic year 2022-23 (R-22).**

**8. Minors program in Computer Science and Engineering is presented and approved.**

- Dr. Venkat Rao said that we can offer minors as online courses as few higher learning institutes are doing.
- Dr. Sobhan Babu said in IIT Hyderabad, the students enrolled for Minors programme will take the classes along with regular CSE students. He and Dr. Radha Krishna insisted not to offer the courses after 4.20PM for Minors programme.

**9. Dr. Radha Krishna informed that NIT Warangal has incorporated several guidelines like entry and exit policies as per NEP-2020.**

Chairman thanked all the members present.

*T. Adilakshmi* 31/7/20  
 (Dr. T. Adilakshmi)  
 Professor & HOD, Dept. of CSE, VCE  
 Chairperson, BoS