



**VASAVI COLLEGE OF ENGINEERING (Autonomous)**  
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**DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING**

Date: 13.06.2022

Minutes of the meeting of the Board of Studies, Computer Science & Engineering Department, held at 11.00 AM on Monday, 13 June, 2022 in the conference hall.

**Members Present**

|   |                                       |                 |
|---|---------------------------------------|-----------------|
| Dr. T. Adilakshmi, Professor & Head, Dept. of CSE                 |                                       | Chairman & Head |
| Dr. Sobhan Babu, Associate Professor, Dept. of CSE, IIT Hyderabad |                                       | Subject Expert  |
| Dr. P. Radha Krishna, Professor & Head, CSE Dept., NIT Warangal   |                                       | Subject Expert  |
| Ms. Shivani Kemidi, Sr. Service Engineer, Microsoft               |                                       | 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   | Ms. M. Sunitha Reddy, Asst. Professor |                 |
| 7   | Mr. R. Sateesh Kumar, Asst. Professor |                 |
| 8   | Mr. S. Vinay Kumar, Asst. Professor   |                 |
| 9   | Mr. C. Gireesh, Asst. Professor       |                 |
| 10  | Ms. B Syamala, Asst. Professor        |                 |
| 11  | Mr. P. Narasaiah, Asst. Professor     |                 |
| 12  | Ms. T. Jalaja, Asst. Professor        |                 |
| 13  | Mr. I. Navakanth, Asst. Professor     |                 |
| 14  | Ms. T. Jalaja, Asst. Professor        |                 |

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| 15 | Ms. T. Nishitha, Asst. Professor       |  |
| 16 | Ms. S. Komal Kour, Asst. Professor     |  |
| 17 | Mr. M. Jitender Reddy, Asst. Professor |  |

Members Absent:

|   |   |                         |
|---|---|-------------------------|
| 1 | Dr. K. Shyamala, Professor, Dept. of CSE, UCE, Osmania University     | OU Nominee              |
| 2 | Dr. Siba K. Udgata, Professor, Dept. of CSE, HCU                      | Subject Expert          |
| 3 | Dr. Badrinath Srinivas, Research Scientist, Amazon Development Center | Industry Representative |
| 4 | Dr. K. Sampath Kumar, Consultant, TCS                                 | Industry Representative |
| 5 | Mr. Chandrasekhar Adari, Director of IT, Qualcomm                     | Industry Representative |
| 6 | Mr. Uma Mahesh Mudigonda, Pr. Product Manager, Microsoft              | Alumnus                 |

- 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. We are one among very few universities/institutes who have achieved this status of A++ grade, in the first attempt.
- UGC has extended the autonomous status to our institution for a period of ten years from 2021-2022 to 2030-2031 without onsite visit based on the NAAC A++ Grade.

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.
- Members suggested to change the existing PSO statements of UG & PG as follows

##### **BE (CSE)**

PSO3: Graduates will possess knowledge of computer science and engineering in the areas of Cloud Computing & Data Analytics and apply them in appropriate domains.

### **BE (AI&ML)**

PSO3: Graduates will apply AI&ML techniques for real world applications in the areas of Cyber Security, Image processing, Natural Language Processing and IoT.

### **M. Tech. (CSE)**

PSO1: Graduates will be able to design efficient algorithms and develop solutions for real-world problems.

PSO 3: Graduates will be able to learn advanced technologies towards higher education and Research & Development (R&D).

## **2. To review the minutes and approve the Action Taken Report on the decisions taken in the previous BoS meeting held on 04.08.2021**

- The Action taken report of the previous BoS meeting held on 04.08.2021 was presented and confirmed.
- Chairman brought to the notice of the BoS members that we have setup the IIoT lab under MODROBS Scheme.

## **3. Note on the department achievements**

- Department achievements of academic year 2021-22 were presented
- Members suggested to publish the papers in open access journals, Springer, Elsevier, IGI Global, Inderscience and Wiley
- Suggested to make students to participate in conference challenges where the datasets are provided along with problem statement

## **4. To discuss the online pedagogical initiatives implemented to enhance the quality of teaching-learning process**

- Chairman presented the innovative methods of teaching adopted by the faculty to teach the students
- Best practices adopted by the department are presented.
- To keep the students engaged during the classes the department have adopted the usage of tools like Kahoot, Mentimeter to make the class interactive
- Discussed about Open Book Internal exam conducted for Artificial Intelligence course.
- Dr. Sobhan Babu advised to carefully evaluate DAA open book test answer scripts as there would be multiple solutions to each question in the class.



**5. To discuss & review the following for the BE (CSE) students to be admitted during the academic year 2022-23:**

a. Scheme of instruction and Examinations from I to VIII semesters

- Dr. Radha Krishna suggested to change Basic Engineering Drawing course to Computer Aided Drawing
- Members suggested to remove Material Chemistry course as it is not a prerequisite for any course in CSE and will not help students in the future
- Dr. Sobhan Babu suggested not to make Data Structures as a mandatory course for other branch students. It can be kept Open so that interested students can register for the course.
- Discussed about the conduction of theme-based projects in the department.
- Scheme of instruction and examinations are approved

b. Syllabi for I & II semester courses

- Syllabi is reviewed and approved.

**6. To discuss & review the following for the BE (AI&ML) students to be admitted during the academic year 2022-23:**

a. Scheme of Instruction and Examinations from I to VIII semesters

- Members suggested to rename Web programming and Services course to Full Stack Web Development
- Members suggested to move IoT course to Professional elective
- Scheme of instruction and examinations are approved

b. Syllabi for I & II semester courses

- As part of theme-based projects members suggested to work on NLP and Deep learning projects
- Syllabi is reviewed and approved.

**7. To discuss & review the following for the BE (CSE) students admitted during the academic year 2021-22:**

a. Scheme of Instruction and Examinations for III & IV semesters

- Scheme of instruction and examinations are approved

b. Syllabi for III & IV semester courses

- Data Structures syllabus is reviewed and approved
- Members suggested to move few topics of Divide and Conquer in Unit-II to Unit-I in Design & Analysis of Algorithms course
- Syllabi is reviewed and approved

**8. To discuss & review the following for the BE (AI&ML) students admitted during the academic year 2021-22:**

- a. Scheme of Instruction and Examinations for III & IV semesters
  - Scheme of instruction and examinations are approved.
- b. Syllabi for III & IV semester courses
  - Syllabi is reviewed and approved

**9. To discuss & review the following for the BE (CSE) students admitted during the academic year 2020-21:**

- a. Scheme of instruction and examinations for V and VI semesters
  - Scheme of instruction and examinations are approved.
- b. Syllabi for V and VI semester courses
  - Members suggested to rename Web programming and Services course to Full Stack Web Development
  - Suggested to organize guest lecture on Angular or React or Node.js
  - Syllabi is reviewed and approved

**10. To discuss & review the following for the BE (AI &ML) students admitted during the academic year 2020-21:**

- a. Scheme of Instruction and Examinations for V & VI semesters
  - Members Suggested to include Multi-agent systems instead of Machine Learning with Big Data course in Professional elective.
  - Scheme of instruction and examinations are approved.
- b. Syllabi for VI & VI semester courses
  - Members suggested to include Generative Adversarial Networks (GAN) topic and move Unit III to Unit-V in Deep Learning syllabus
  - Syllabi is reviewed and approved

**11. To discuss & review the following for the BE (CSE) students admitted during the academic year 2019-20:**

- a. Scheme of Instruction and Examinations for VII & VIII semesters
  - Scheme of instruction and examinations are approved.
- b. Syllabi for VII & VIII semester courses
  - Members suggested to move Container based virtualization–Docker to Unit-II and include Federated Cloud (multi-cloud) in Distributed Systems and Cloud Computing course
  - Syllabi is reviewed and approved


**12. To discuss & review the following for the M.Tech students to be admitted during the academic year 2022-23 :**

- a. Scheme of Instruction and Examinations from I to IV semesters
  - Scheme of instruction and examinations are approved.
- b. Syllabi for I & II semester courses
  - Syllabi is reviewed and approved

**13. To discuss & review the following for the M.Tech students admitted during the academic year 2021-22 :**

- a. Scheme of Instruction and Examinations for III & IV semesters
  - Scheme of instruction and examinations are approved.
- b. Syllabi for III & IV semester courses
  - Syllabi is reviewed and approved

Chairman thanked all the members present.

  
HOD, CSE