



AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

(Autonomous)

(Approved by A.I.C.T.E., New Delhi & Permanently Affiliated to JNTU-GV, Vizianagaram)

NAAC "A+" Accredited Institute

Cherukupally (Village), Near Tagarapuvalasa Bridge, Vizianagaram (Dist), Pin-531162.

www.aietta.ac.in, principal@aietta.ac.in

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

1st Board of Studies Meeting in the Department of Computer Science & Engineering

Mode: Through Hybrid Mode

Date and Time: 30-07-2024 and 3.30 PM to 5.30 PM

Link: Join Zoom Meeting

<https://us06web.zoom.us/j/86231122603?pwd=eFLaatsJCl3nJbhrbJtWnhb6RkBeTG.1>

Minutes of the 1st Board of Studies (BoS)

The Meeting of the 1st Board of Studies of Computer Science and Engineering, Avanthi Institute of Engineering and Technology (Autonomous), Cherukupally (Village), Near Tagarapuvalasa Bridge, Vizianagaram (Dist), Pin-531162 will be held on 30-07-2024 from 3.30 PM to 5.30 PM, Venue: Conference Hall.

Members Present:

Dr.G.Jaya Suma, Professor & Registrar, Jawaharlal Nehru Technological University Gurajada-Vizianagaram (JNTU-GV).

Dr.V. Vijaya Saradhi, Associate Professor, Dept. of Computer Science and Engineering, IIT Guwahati.

Prof (Dr). T. Ramakrishnudu, Professor, Dept. of Computer Science and Engineering, NIT, Warangal.

Dr. T. Venkata Ratnam, Technical Officer-D, Naval Science & Technological Laboratory (NSTL), Visakhapatnam

Dr.Chappa Ramesh, Professor of CSE and Dean (IQAC), Aditya Institute of Technology and Management (Autonomous), Tekkali, Srikakulam (Dist)

R. Sai Manasa, Technical Project Manager, Acuvate software private limited, Hyderabad, Roll No: 14Q75A0507

All the Department Faculty, Department of Computer Science and Engineering, AIETTA (A)

Dr.Gandi Satyanarayana, Professor & Head, Chairperson Board of Studies, AIETTA (A)

Item 1:

- Welcome and introduce the BoS Members.

Resolutions:

- Welcome address, introduce and opening remarks by Chairperson, Board of Studies in the department of Computer Science & Engineering, with the permission of members and also chairperson introduce the institution and department profiles.
- All the Members of BoS assured that they will give the best of their knowledge to prepare the curriculum and syllabus as per the OBE & industrial requirements.

Item 2:



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- To discuss, Review and Approve proposed curriculum in Programs: 1) CSE, 2) CSE (AI&ML) 3) CSE (DS) for I B. Tech-I & II Semesters affect from the academic year 2024-2025.

Members Suggestions:

- If possible to replace Course Basic Civil and Mechanical Engineering with Introduction to AI in CSE (AI & ML) Curriculum.

Resolutions:

- Members approved the curriculum programs of CSE, CSE (DS) & CSE (AI & ML) I B. Tech-I & II Semesters affect from the academic year 2024-2025 without any modifications.

---Annexures:1,2 and 3

Item 3:

- To discuss, review and approve proposed curriculum in Program M.Tech CSE: for I & II Semesters affect from the academic year 2024-2025

Members Suggestions:

- Deep learning techniques course has to move to I Semester to II semester.
- National Language Processing should be moved to III semester.
- Move National Language Processing subject should move to III semester.
- MLT and DLT are in the same semester.
- In PE-2 similar subjects are there better to change NLP and DLT.

Resolutions:

- All the above suggestions are included in M.Tech CSE I B. Tech-I & II Semesters with effect from the academic year 2024-2025 and approved.

---Annexure 4

Item 4:

- To discuss and finalize the syllabus for the following:
 - a) Problem Solving & Programming with C theory and Lab for I B. Tech I semester (Common for all UG programs ECE, MECH, EEE, CSE, CSE (Data Science), and CSE (AI &ML).
 - b) IT Workshop for I B. Tech I semester (Common to CSE, CSE (Data Science), and CSE (AI &ML) and I B.Tech II semester Common to ECE, EEE, and MECH).
 - c) Data Structures using 'C' Theory and Lab for I B. Tech II Semester (CSE & CSE (AI&ML), and CSE (Data Science))

Members Suggestions:



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- CO4 is not matched and CO5 is partially matched in Data Structures course.
- Self learning concepts needed to modify and include case studies.
- Lengthy contents to increase hours for data structure course.
- In data Structures lab has 54 experiments once check with according to lab hours.
- In exercise problems if possible remove BFS and DFS in data structures lab.
- Try to give a chance to students as a problem statement in lab asks them to implement in both C and DS labs.
- Add additions and publications in the reference books.
- Topics need to reduce in stacks.
- Add BFS topic in the data structures course.
- IT workshop having number of tasks than the allotted weeks.
- Include AVL trees, B tree and B+ tree in data structures.

Resolutions:

- All the above suggestions are incorporated and approved with effect from the academic year 2024-2025.

---Annexures:5,6,7,8,9

Item: 5

- To discuss and finalize the syllabus for the following M.Tech CSE Programme Courses:
 - a) PC-1: Mathematical Foundations of Computer Science, PC-2: Advanced Data Structure and Algorithms
 - b) PE-1: Cloud Computing (or) Computer Networks and Security (or) Information Retrieval Systems
 - c) PE-2: Big Data Analytics (or) Distributed Databases (or) Machine Learning and Techniques
 - d) Lab-1: Advanced Data Structure and Algorithms Lab, Lab-2: Advanced Computing Lab
 - e) PC-3: Advanced Computer Networks, PC-4: Mean Stack Technologies
 - f) PE-3: Soft Computing and Techniques (or) Advanced Database and Mining (or) High Performance Computing
 - g) PE-4: Deep Learning Techniques (or) Cyber Security and Digital Forensics (or) Social Network Analysis
 - h) Lab-3: Advanced Network Programming Lab, Lab-4: Mean Stack Technologies Lab

Members Suggestions:

- Advanced computer networks and computer networks and security have to swap in I



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semester to II semester.

- Machine learning techniques and deep learning techniques are in same semester need to swap.
- Professional electives of natural language processing and deep learning techniques need to swap.

Resolutions:

- All the above suggestions are incorporated and approved with effect from the academic year 2024-2025.

---Annexures:10,11

Item 6:

- To discuss and suggest Teaching Learning Methodology, Co-curricular and Extra-curricular activities for the academic year 2024-2025.

Members Discussions:

- Chairperson presented different Teaching learning Methods, co-curricular and extra-curricular activities which are planned in the academic year 2020-2021.
- Members discussed and suggested to implement Co-curricular activities like Guest Lectures, Tech fest, Workshops Hackthon, Industrial Visits for the academic year 2020-2021.
- Members discussed and suggested to have Extra-curricular activities for the academic year 2020-2021 to Sports meet yearly twice.
- For knowledge exploration advised to have Industrial visit for the students at least once in an academic year.
- Discussed on industrial needs and interaction with it.

Resolutions:

- Members advised that faculty has to take their own & independent Methodology for the benefit of student. And also advised different Teaching Learning Methodology like PPT's, Video Based Lectures, Assignments, Each One Teach One, Lab Protocols, Matrixing, Project Show case.
- To encourage the students to do the Internships.

Item 7:

- To discuss and suggest examiners for paper setting and evaluations.

Members Discussions:

- A presentation by the Chairperson on continuous evaluation process.



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- Members advised to make Question Paper setting as per blooms levels.
- Member suggested that the internal faculty either has to prepare external question paper or act as any one of the evaluator for the course.

Resolutions:

- Advised to make a subject faculty to be a paper setter or a paper evaluator.

Item 8:

- Discuss on any other academic matter

Resolutions:

- No other issues

Attendance Sheet

S.No	Name of the Member & Affiliation	Signature
1	Dr.G.Jaya Suma Professor & Registrar Jawaharlal Nehru Technological University Gurajada- Vizianagaram (JNTU-GV)	
2	Dr. V. Vijaya Saradhi Associate Professor Dept. of Computer Science and Engineering IIT, Guwahati	Approved Through Mail on 10-08-2024
3	Prof (Dr). T. Ramakrishnudu Professor Dept. of Computer Science and Engineering NIT, Warangal	Approved Through mail on 10-08-2024
4	Dr. T. Venkata Ratnam Technical Officer-D NSTL, Visakhapatnam	Approved Through Mail on 12-08-2024
5	Dr.Chappa Ramesh Professor of CSE and Dean (IQAC) AITAM (Autonomous), Tekkali	Approved Through Mail on 9-08-2024
6	R. Sai Manasa Technical Project Manager Acuvate software private limited, Hyderabad Roll No: 14Q75A0507	Approved Through mail on 12-08-2024
7	Dr.Akula Chandra Sekhar Professor & Director	

