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Minutes of Second Board of Studies (BoS) Meeting

The second BoS meeting of the department of Computer Science and Engineering is held on 24th May 2025, 10:00 A.M through hybrid mode (offline & online) in the conference room, AIETM.

Department of Computer Science and Engineering
Date: 24th May 2025
Time: 10:00 A.M.
Mode: Hybrid (Offline & Online)
Venue: Conference Room, AIETM
Meeting Link:

https://us06web.zoom.us/j/9030986321?pwd=YbCxwrCJ0uwgScGEnI3ynQEd85PU3M.1&omn=81117019409

Members Present

S.No	Name	Designation / Affiliation	Role
1	Dr. C P V N J Mohan Rao	Principal, AIETM, Makavarapalem	Principal
2	Dr. U Nanaji	Associate Professor & Head, Dept. of CSE, AIETM	BoS Chairman
3	Dr. G. Jaya Suma	Professor & Registrar, JNTU-GV, Vizianagaram	University Nominee
4	Prof. S. Pallam Setty	Dept. of CS&SE, Andhra University, Visakhapatnam	Expert Member
5	Dr. T. Ramakrishnudu	Professor, Dept. of CSE, NIT Warangal	Expert Member
6	Sri Ch. Sankara Rao	Scientist-G, DRDO Fellow, NSTL, Visakhapatnam	Industry Nominee
7	Dr. A. V. Ramana	Professor & HoD-CSE, GMRIT, Rajam	Member
8	Dr. K. V. N. Rajesh	Sr. Subject Matter Expert, CloudThat	Alumni Nominee
9	Faculty Members of the Dept. of CSE	AIETM	Members

Proceedings

The meeting was chaired by **Dr. U Nanaji**, BoS Chairman, who welcomed all members. **Dr. C P V N J Mohan Rao** delivered the opening remarks. The meeting followed the agenda as outlined below:

Agenda Items and Resolutions

1. Welcome Address
BoS Chairman welcomed all members to the meeting.

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2. Approval of B.Tech Curriculum (II B.Tech – I & II Semesters)
Applicable Programs:

- B.Tech in CSE
- B.Tech in CSE (AI & ML)
- B.Tech in CSE (Data Science)

Suggestions:

- Dr. Jaya Suma advised deferring NLP and ML to later semesters.
- Prof. Pallam Setty enquired about Full Stack Lab implementation.
- Dr. A. V. Ramana suggested Software Engineering may be too early in 2nd year.
- Sri Ch. Sankara Rao recommended adding Digital Logic Lab.

Resolution: Approved with suggested modifications.

3. Approval of M.Tech Curriculum (II Year – III & IV Semesters)

Suggestion:

- Sri Ch. Sankara Rao requested sharing of 1st-year syllabus for better context.

Resolution: Approved with consideration of suggestions.

4. Approval of B.Tech Honors and Minors Programs

Honors Programs:

1. Artificial Intelligence and Machine Learning
2. Data Science

Minors Programs:

1. Computer Science and Engineering
2. Artificial Intelligence

Suggestion:

- Dr. Jaya Suma emphasized adherence to University guidelines for Honors/Minors.

Resolution: Approved with member considerations.

5. Approval of II B.Tech – I Semester Syllabus

Key Courses:

1. Mathematical Foundations of Computer Science   (CSE)
2. Probability & Statistics(common for CSE(AIML), CSE(DS))

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4. Object-Oriented Programming using JAVA (CSE,)
5. Software Engineering and Project Management (CSE)
6. Object-Oriented Programming using JAVA Lab (CSE)
7. Algorithms for Efficient coding Lab (CSE)
8. Python Programming (Common to CSE (DS) & CSE (AI & ML))
9. Full Stack Development (CSE)
10. Advanced Data Structures & Algorithms Analysis(Common to CSE (DS) & CSE (AI & ML))
11. Fundamentals of Artificial Intelligence and Machine Learning using Python (CSE (AI & ML)
12. Digital Logic & Computer Organization (Common to CSE, CSE (DS) & CSE (AI & ML))
13. Advanced Data Structures and Algorithms Analysis Lab(Common to CSE (DS) & CSE (AI & ML))
14. Artificial Intelligence and Machine Learning using Python Lab (CSE (AI & ML))
15. Data Science using Python (CSE (DS))
16. Data Science using Python Lab (CSE (DS))

Suggestions:

- Consider timing of specialized subjects (Prof. Jayasuma)
- Include advanced deep learning topics (Dr. Ramakrishnudu)
- Add competitive coding labs (Dr. Ramana)
- Include ADC topics (Sri Ch. Sankara Rao)

Resolution: Approved with above considerations.

6. Approval of II B.Tech – II Semester Syllabus

Key Courses:

1. Probability & Statistics(common for CSE)
2. Formal Languages and Automata Theory (Common to CSE, CSE (DS) & CSE (AI & ML)
3. Database Management Systems (Common to CSE, CSE (DS) & CSE (AI & ML))
4. Digital Logic and Computer Organization(CSE)
5. Operating Systems (CSE)
6. Database Management Systems Lab (Common to CSE, CSE (DS) & CSE (AI & ML))
7. Operating Systems Lab (CSE)
8. Advanced Coding Lab–I (CSE)
9. Full Stack Development (Common to CSE (DS) & CSE (AI & ML))
10. Python Programming Lab(Common to CSE)
11. Mathematical Foundations of Computer Science   (Common to CSE (DS) & CSE (AI & ML))
12. Statistical methods for Data science (CSE (DS))
13. Data Engineering (CSE (DS))

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(AI & ML))
15. Data Engineering Lab(DS)
16. Objected Oriented Programming using JAVA (Common to CSE (DS) & CSE (AI & ML))
17. Machine Learning(CSE(AIML))
18. Natural Language Processing and Chatbot (CSE (AI & ML))
19. NLP and Chatbot Lab (CSE (AI & ML))

Suggestions:

- Add counters and multiplexers in Digital Logic (Prof. Pallam Setty)
- Consider credits for employability courses (Dr. A. V. Ramana)

Resolution: Approved with above suggestions.

7. Approval of II M.Tech (III & IV Semesters) Course Syllabus

Courses Include:

Professional Elective-5
1. Block Chain Technology.
2. Natural Language Processing.
3. Deep Learning
4. MOOCs-1 (NPTEL/SWAYAM)
(12 Week Program related to the program which is not listed in the course structure)
 Open Elective
 1. MOOCs-2 (NPTEL/SWAYAM)-Any 12 Week Course on
Engineering/ Management/ Mathematics offered by other than parent
department)
2. Course offered by other departments in the college
a) Business Analytics
b) Industrial Safety
c) Operations Research
d) Composite Materials
e) Waste to Energy

Dissertation-I / Industrial Project #

Resolution: Approved with consideration of all suggestions.

8. Approval of Honors Program Syllabus

1) Artificial Intelligence and Machine Learning

- Computational Statistics and Data Analysis
- Machine Learning Using Python
- Advance Machine Learning
- Deep Learning

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- NPTEL/MOOC Course-II
  and

2) **Data Science.**

- Statistical Analysis and Programming for Data Science
- Data Handling and Visualization
- Predictive Modelling and Analytics
- Time series analysis and Forecasting
- NPTEL/MOOC Course-I
- NPTEL/MOOC Course-II

Resolution: Approved with consideration of members' suggestions.

9. Approval of Minors Program Syllabus

Computer Science and Engineering **Minor:**

- Introduction to Java Programming
- Fundamentals of Web Development
- Principal of Software Engineering
- Principles of Database Management Systems
- NPTEL/MOOC Course-I

Artificial Intelligence **Minor:**

- Introduction to AI & Machine Learning
- Introduction to Data Analytics
- Deep Learning and Neural Network
- Applications of AI
- NPTEL/MOOC Course-I

Resolution: Approved with suggestions considered.

10. Teaching Methodology & Co-/Extra-Curricular Activities

Suggestions:

- Field visits in blockchain domain (Sri Ch. Sankara Rao)
- Members emphasized improved pedagogy and more student-centric activities.

11. Any Other Academic Matter

- No additional issues raised.

12. Miscellaneous Issues

- No items discussed.

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Conclusion:

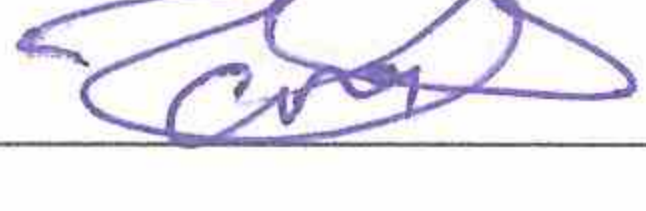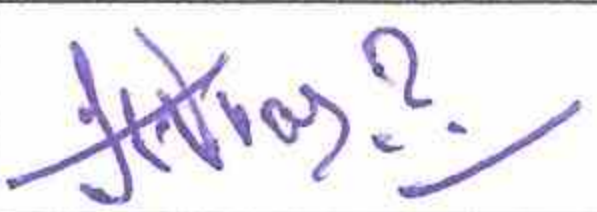The Chairman thanked all members for their active participation and valuable inputs.
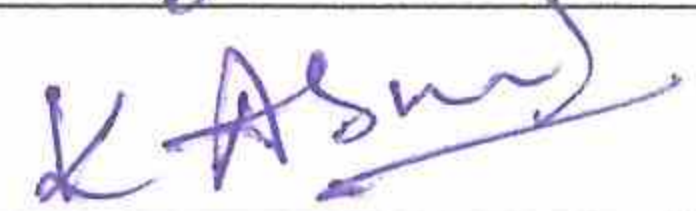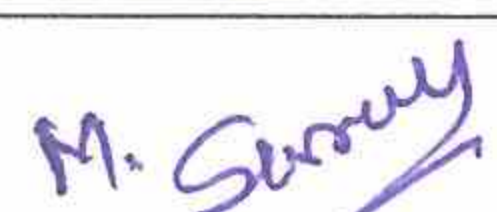**Meeting concluded at 03:00 PM** with a vote of thanks by **Dr. U Nanaji, BoS Chairman**.
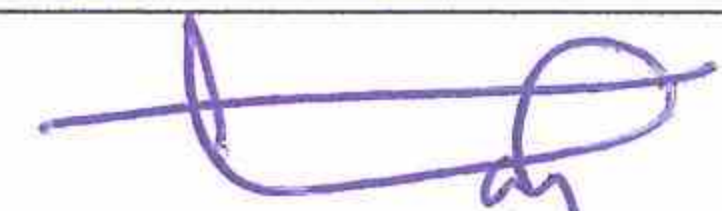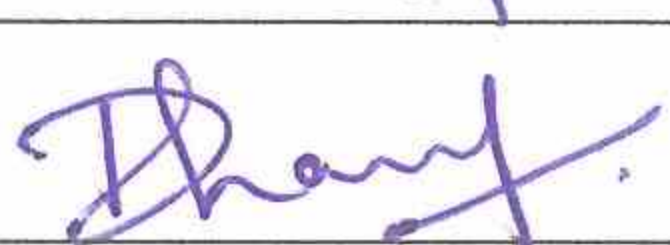
(Chairman – BoS)
Department of Computer Science and Engineering
Avanthi Institute of Engineering & Technology, Makavarapalem

Signatures of the Members attended:

S.NO	Name of the Member	Signature
1.	Dr. C P V N J Mohan Rao, Principal,	
2.	Dr. U NANAJI, BOS Chairman	
3.	Dr.G.Jaya Suma, Professor & Registrar, JNTU-GV,Vizianagaram	
4.	Prof S Pallam Setty Dept of CS&SE, Andhra University, VISAKHAPATNAM.	ONLINE MODE
5	Dr.T. Ramakrishnudu Professor, Dept. of Computer Science and Engineering NIT, Warangal	ONLINE MODE
6	Ch Sankara Rao Scientist-G, DRDO Fellow NSTL , Visakhapatnam-530027	ONLINE MODE
7	Dr A.V.Ramana Professor & HOD-CSE GMR institute of Technology-Rajam	ONLINE MODE
8	Dr K V N Rajesh Senior Subject Matter Expert cloudthat	ONLINE MODE
9	Mr.KONDAPALLI VARAPRASAD PRASAD ASSOCIATE PROFESSOR	
10	Mr.VAKADA TRINADH ASSOCIATE PROFESSOR	
11	Miss CHITIKALA DHANA LAKSHMI ASSOCIATE PROFESSOR	
12	Ms.NAKKA SIDEVI ASSOCIATE PROFESSOR	
13	Ms.KESAVARAPU ASWINI ASST PROFESSOR	
14	Mr.MAJJI SURESH V L ASSOCIATE PROFESSOR	
15	Ms.KESIREDDY ASHA DEVI ASST PROFESSOR	
16	Mr.GAJJI VENKATESHYADAV	

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17	Mr.GAVINI VENKATANARAYANA VARA PRASAD ASST PROFESSOR	
18	Mrs.KETHIREDDY SRILAKSHMI ASST PROFESSOR	
19	Mr.DARAM SRI PRUDHVI ASST PROFESSOR	
20	Ms.SETTI SARIKA ASST PROFESSOR	
21	Mr.SINGURU UDAY KUMAR ASST PROFESSOR	
22	Mr.SOMAYAJULA SATYA KUMAR ASST PROFESSOR	
23	Ms.GEDDAM CHINNI ASST PROFESSOR	
24	Mrs.SARAGADAM TEJASRI ASST PROFESSOR	
25	Ms.RENUKA APARNA BEESETY ASST PROFESSOR	
26	Mr.ANDRA KUMAR ASST PROFESSOR	
27	Mr.ASHOK KUMAR NAGAM ASSOCIATE PROFESSOR	
28	Mr.MALLA SAGAR ASSOCIATE PROFESSOR	
29	Ms.VEGI SYAMALA ASST PROFESSOR	
30	Mr.NANGINA DURGA PRASAD ASSOCIATE PROFESSOR	
31	Mr.MALASALA CHIRANJEEVI ASSOCIATE PROFESSOR	
32	Ms.VARALAKSHMI GANJARU ASST PROFESSOR	
33	Ms.PRIYA LAKSHMI BALAPATI ASST PROFESSOR	