



# MANAKULA VINAYAGAR INSTITUTE OF TECHNOLOGY



An Autonomous Institution

Affiliated to Pondicherry University, Approved by AICTE, New Delhi,

Accredited by NAAC with 'A' Grade

Kalitheerthalkuppam, Puducherry- 605 107.

## DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING

### Minutes of II<sup>nd</sup> Board of Studies Meeting

The Second Board of studies meeting of Department of Artificial Intelligence and Machine Learning was held on **5<sup>th</sup> February 2026 at 10:30 am** through online mode at Manakula Vinayagar Institute of Technology with the Head of the Department in the Chair.

The following members were present for the BOS meeting

S.NO	Name of the Member with Designation and official Address	Members as per UGC Norms
1.	<b>Mr.R.Raj Bharath</b> Associate Professor HOD I/C	Chairman
2.	<b>Dr.J.Jayabharathy</b> Professor Department of CSE Pondicherry Technological University	University Nominee
3.	<b>Dr.Dhananjay Kumar</b> Professor Department of IT MIT Campus,Anna University	Subject Expert
4	<b>Dr.K.Selvakumar</b> Professor Department of IT Annamalai University. Chidambaram.	Subject Expert
5.	<b>Mr.U.Muthukumar</b> Delivery Partner Tata Consultancy Services Navalur, Chennai.	Industry Expert
6.	<b>Dr.P.Malliga</b> Professor Department of CSE National Institute of Technical Teachers Tranning and Research (NITTTR) Taramani, Chennai.	Special Expert

7.	<b>Mr.Praveen Narayanassamy</b> Data Engineer, NielsenIQ Pvt.Ltd. Chennai.	Alumni Member
8.	Mrs.S.K Sugunedham AP/AIML Mrs.S.Chitra AP/AIML Mr.A.Jainullabdeen AP/AIML Mrs.S.Lavanya AP/AIML Mrs.V.Niraimathi AP/AIML Ms.K.Revathy AP/AIML Mrs.S.Praveena AP/AIML Mrs.P.Suganya AP/AIML Ms.R. Renga Nayagi AP/AIML Mrs.Diana.S.Steffi AP/AIML Mr.S Balaji AP/AIML Mrs.K.Rajasri AP/AIML Mr.K.Maruthavanan AP/AIML Mrs.Priyatharsini AP/AIML Mrs.Gokulavani AP/AIML Ms.Mousmi Saha AP/AIML	Internal Members

### Agenda of the Meeting

1. To present the institutional and departmental profile with updates on achievements since the previous BOS meeting.
2. To review and approve the III Semester curriculum and Syllabus.
3. To review and approve the IV semester curriculum and Syllabus.
4. To review and approve V and VI Semester curriculum modifications including course restructuring and project upgrades.
5. To discuss and approve framework for Minor Course and Honor Course.
6. Clarification of passing requirements
7. To discuss faculty development initiatives and certification requirements.
8. Any other item with the permission of the Chair.

## Minutes of the Meeting

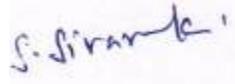
Mr.R.Raj Bharath, Chairman, BOS officially announced the opening of the meeting and welcomed the external, internal.co-opted members and also thanked them for accepting the invite for the second BOS meeting, Chairman highlighted the credentials of the Institution and Department and the meeting thereafter deliberated on agenda items that had been approved by the chairman.

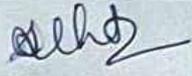
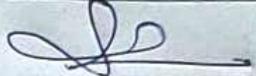
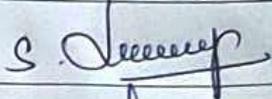
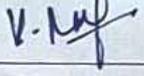
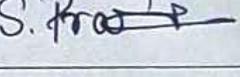
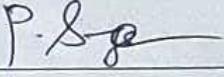
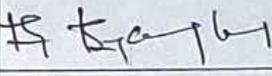
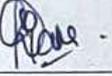
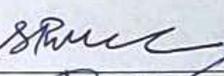
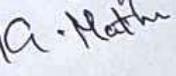
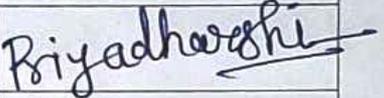
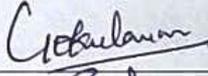
<b>Item No:</b> <b>AIML/BOS/2.1</b>	The syllabus framed for the First Year was reviewed in detail and discussed among the members. The Chairman expressed his satisfaction and announced that the First Semester under the Autonomous Curriculum has been successfully completed.
<b>Item No:</b> <b>AIML/BOS/2.2</b>	<p>The BOS members suggested following changes to be made in III Semester curriculum</p> <ul style="list-style-type: none"><li>• <b>Restructuring of Data Structures and Algorithms Course:</b> It was suggested to reorganize the course content by appropriately redistributing the units between Data Structures and Algorithms to ensure balanced coverage and improved conceptual clarity.</li><li>• The members recommended standardizing the course title as “<b>Data Structures and Algorithms</b>” (instead of “Data Structures and algorithms for AIML”) to maintain uniformity and academic consistency.</li><li>• <b>Revision of Computer Architecture and Organization:</b>The syllabus of the course should be revised to clearly specify subtopics under each unit, thereby enhancing transparency, depth, and structured learning outcomes.</li><li>• <b>Updating Prescribed Textbooks:</b> The prescribed textbooks should be updated to the latest editions, and all identified typographical and content-related errors must be corrected.</li><li>• <b>Inclusion of Design Patterns in OOP &amp; Java:</b> It was recommended to incorporate <b>Design Patterns in Java</b> as part of the <i>Object-Oriented Programming &amp; Java</i> course to strengthen students’ software design competencies.</li><li>• <b>Restructuring of Data Structures Laboratory:</b> The Data Structures Lab should be restructured to focus exclusively on core data structure concepts, with implementation carried out using Python to align with current industry practices.</li><li>• <b>Operating Systems Laboratory Enhancement:</b> The Operating Systems Lab syllabus should include an introduction to the Ubuntu/Linux environment to provide students with practical exposure to open-source operating systems.</li></ul>

<p><b>Item No:</b> AIML/BOS/2.3</p>	<p>The Board of Studies members deliberated on the IV Semester curriculum and proposed the following modifications:</p> <p><b>Revision of Computer Networks (CN) Syllabus:</b> It was recommended to restructure Unit I and ensure proper alignment of the syllabus content up to the Physical Layer in unit-1.</p> <ul style="list-style-type: none"> <li>• <b>Modifications in Database Management Systems (DBMS) Syllabus:</b> The members suggested the following enhancements: <ul style="list-style-type: none"> <li>○ Comprehensive coverage of Relational Algebra.</li> <li>○ Inclusion of SQL concepts wherever appropriate within the syllabus.</li> <li>○ Normalization concepts to be integrated with ER Modeling.</li> <li>○ Introduction to fundamentals of Query Processing.</li> <li>○ Include No-SQL and Mongo DB concept as UNIT-5</li> </ul> </li> <li>• <b>Restructuring of DBMS Laboratory:</b> The DBMS Lab should be restructured to ensure that SQL programs are systematically organized and well-aligned with the theoretical components of the course.</li> <li>• <b>Introduction of Mini Project – I:</b> The members recommended introducing <b>Mini Project – I</b> in Semester IV. A detailed syllabus outlining objectives, outcomes, evaluation methodology, and guidelines must be enclosed.</li> <li>• <b>Integrated Course Recommendation:</b> It was proposed to designate <b>Database Management Systems</b> as an Integrated Course in place of <b>Machine Learning using Python</b>. Members recommended offering <b>Machine Learning using Python</b> with separate Theory and Practical components to ensure comprehensive conceptual understanding and hands-on proficiency .</li> <li>• <b>Inclusion of Placement-Oriented Training Components:</b> To enhance employability, the curriculum should incorporate structured training modules covering: <ul style="list-style-type: none"> <li>○ Aptitude and reasoning skills</li> <li>○ Version control systems</li> <li>○ Agile practices</li> </ul> </li> </ul>
<p><b>Item No:</b> AIML/BOS/2.4</p>	<p>The Board of Studies members reviewed the curriculum structure for the V and VI Semesters and proposed the following modifications:</p> <p>It was recommended to introduce <i>Explainable AI</i> as an elective course to strengthen students’ understanding of model interpretability and responsible AI practices.</p>

	<p><b>Systematic Grouping of Electives:</b> The members suggested organizing electives semester-wise in a structured and sequential manner to ensure logical progression of learning and avoid overlap of advanced and foundational topics across semesters.</p>
<p><b>Item No:</b> <b>AIML/BOS/2.5</b></p>	<p>The BOS members recommended following changes to be made in Minor Course and Honor Course.</p> <p>It was suggested to incorporate select advanced and emerging topics like Agentic AI into the Minor and Honors Courses to enhance academic rigor, promote deeper domain specialization, and align the courses with current industry and research trends.</p>
<p><b>Item No:</b> <b>AIML/BOS/2.6</b></p>	<p>The BOS members clarified that, the passing requirement is minimum of 40% marks in both internal and end semester exams together with minimum of 40% marks in end semester examination.</p> <p>The BOS members recommended this same condition as being followed in Pondicherry university regulation (R2023)and the same can be updated in the B.Tech regulation 2025 Autonomous system</p>
<p><b>Item No:</b> <b>AIML/BOS/2.7</b></p>	<p><b>Faculty Development Initiatives</b></p> <p>The Board of Studies members emphasized the importance of continuous faculty development and recommended the following initiatives:</p> <ul style="list-style-type: none"> <li>• <b>One-Week Training Programme on Pedagogy:</b> Organizing a structured one-week training programme focused on effective teaching–learning strategies, outcome-based education, and assessment methodologies.</li> <li>• <b>Open Education and Flipped Learning Methodologies:</b> Encouraging faculty members to adopt open educational resources (OER) and implement flipped classroom approaches to enhance student engagement and active learning.</li> <li>• <b>Experiential Learning Practices:</b> Promoting the integration of experiential learning methods, including case studies, project-based learning, industry interactions, and real-world problem-solving activities.</li> </ul>
<p><b>Item No:</b> <b>AIML/BOS/2.8</b></p>	<p>The Board of Studies members emphasized that the Course Outcomes (COs) of all courses must be clearly defined, measurable, and observable. It was recommended that each CO be framed using appropriate action verbs aligned with Bloom’s Taxonomy to ensure effective assessment and outcome-based evaluation.</p>

The meeting was concluded at 12:30 PM with vote of thanks by **Mr.R.Raj Bharath**, Chairman, Board of Studies, Department of Artificial Intelligence and Machine Learning.

S.NO	Name of the Member with Designation and official Address	Responsibility in the BOS	Signature
1.	Mr.R.Raj Bharath Associate Professor HOD I/C	Chairman	
2.	Dr.J.Jayabharathy Professor Department of CSE Pondicherry Technological University	University Nominee	
3.	Dr.Dhananjay Kumar Professor Department of IT MIT Campus,Anna University, Chennai.	Subject Expert	
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5.	Mr.U.Muthukumar Delivery Partner Tata Consultancy Services Navalur, Chennai.	Industry Expert	
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7.	Mr.Praveen Narayanassamy Data Engineer, NielsenIQ Pvt.Ltd. Chennai.	Alumni Member	
8.	Dr.S.Sivaramakrishnan HOD/Maths	Co-Opted Members	
9.	Mrs.S.K Sugunedham AP/AIML	Internal Members	

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11	Mr.A.Jainullabdeen AP/AIML	Internal Members	
12	Mrs.S.Lavanya AP/AIML	Internal Members	
13	Mrs.V.Niraimathi AP/AIML	Internal Members	
14	Ms.K.Revathy AP/AIML	Internal Members	
15	Mrs.S.Praveena AP/AIML	Internal Members	
16	Mrs.P.Suganya AP/AIML	Internal Members	
17	Ms.R. Renga Nayagi AP/AIML	Internal Members	
18	Mrs.Diana.S.Steffi AP/AIML	Internal Members	
19	Mr.S Balaji AP/AIML	Internal Members	
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