



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 ELECTRICAL AND ELECTRONICS ENGINEERING

Minutes of Board of Studies

The first Board of studies meeting of Department of Electrical and Electronics Engineering was held on **18th July 2025** at 10:00 am through Hybrid mode.

The following members were present for the BoS meeting

Sl.No	Name of the Member	Designation
Head of the Department (Chairman)		
1.	Dr.C. Shanmugasundaram HoD & Professor Department of EEE Manakula Vinayagar Institute of Technology Puducherry	Chairman
The entire faculty of each specialization		
2.	Dr. K.Sedhuraman, Asso.Pro/EEE Associate Professor Dept of EEE Specialization: Power Electronics and Drives Years of Experience:12 Manakula Vinayagar Institute of Technology Mail Id: sedhuramaneee@mvit.edu.in Phone No:9092882883	Member
3.	Mr. S.Rajkumar, AP/EEE Assistant Professor (SG) Dept of EEE Specialization: Circuit Analysis Years of Experience: 17 Manakula Vinayagar Institute of Technology Mail Id: rajkumareee@mvit.edu.in Phone No: 9952628247	Member
4.	Mr. N. Amarabalan, AP/EEE Assistant Professor Dept of EEE Specialization: Electrical Machines Years of Experience: 12 Manakula Vinayagar Institute of Technology Mail Id: samarabalanneee@mvit.edu.in Phone No:9894919290	Member

Department of EEE - First Meeting of BoS

5.	Mr. D. Balaji, AP/EEE Assistant Professor Dept of EEE Specialization: Machine design and Measurement and Control Years of Experience:14 Manakula Vinayagar Institute of Technology Mail Id:balajieee@mvit.edu.in Phone No:9944161030	Member
6.	Mr.D.Muruganandhan, AP/EEE Assistant Professor Dept of EEE Specialization: Power System Years of Experience:12 Manakula Vinayagar Institute of Technology Mail Id: muruanandhameee@mvit.edu.in Phone No: 9994382873	Member
7.	Mr. J.Vijaya Raghavan, AP/EEE Assistant Professor Dept of EEE Manakula Vinayagar Institute of Technology	Member
8.	Mrs. S.Santhalakshmy, AP/EEE Assistant Professor Dept of EEE Manakula Vinayagar Institute of Technology	Member
9.	Mrs. R.Muthunagai, AP/EEE Assistant Professor Dept of EEE Manakula Vinayagar Institute of Technology	Member
10.	Mrs. R.Umamaheswari, AP/EEE Assistant Professor Dept of EEE Manakula Vinayagar Institute of Technology	Member
11.	Mrs.R.Priya, AP/EEE Assistant Professor Dept of EEE Manakula Vinayagar Institute of Technology	Member
12.	Mr. P.L. Santhana Krishnan, AP/EEE Assistant Professor Dept of EEE Manakula Vinayagar Institute of Technology	Member
13.	Mr.S.Veeramanikandan, AP/EEE Assistant Professor Dept of EEE Manakula Vinayagar Institute of Technology	Member
14.	Mr.Ravichandran Assistant Professor Dept of Mathematics, Manakula Vinayagar Institute of Technology	Co-Opted Members

15.	Ms.Sumithra Associate Professor Dept of Physics Manakula Vinayagar Institute of Technology	Co-Opted Members
Two subject experts from outside the parent University are to be nominated by the Academic Council.		
16.	Dr. Venkadesan .A Associate Professor/ EEE NIT Karaikal, Puducherry. Mail Id: venkadesan@nitpy.ac.in Phone No: 9360609452	Subject Expert
17.	Dr.S.Baskar Dean (R&D)/EEE Thiagarajar College of Engineering Mail Id: baskar1970@gmail.com Phone No: 9894039081	Subject Expert
One expert is to be nominated by the Vice-Chancellor from a panel of six recommended by the Autonomous College Principal.		
18.	Dr.A.Kavitha Professor, Department of EEE College of Engineering Guindy Anna University, Chennai. 600 025 Mail Id: akavitha@annauniv.edu Phone No: 94443887786	Subject Expert
One representative from industry/corporate sector/allied areas to be nominated by the Principal.		
19.	Mr.Raja Ganesan Director- Technical, VATIO Energy India Pvt Ltd, Chennai Mail Id: ganesh@vatioenergy.com Phone No: 9566156789	Member
One member of the College alumni to be nominated by the Principal.		
20.	Mr. M.Abilash TCS – Automation Test Engineer, Bangalore. Mail Id: aabilash099@gmail.com Phone No: 7010679629	Member
Experts from outside the Autonomous College, whenever special courses of studies are to be formulated, to be nominated by the Principal.		
21.	Dr.Thanga Raj Chelliah, Associate Professor, Dept. of Water Resources Development and Management, IIT ROORKEE Mail Id: thanga.chelliah@wr.iitr.ac.in Phone No: 9456593798	Member

Agenda of the Meeting

Item No.	Particulars
BoS/ 1 / 2025 / EEE /UG 1.1	Introduction about the Institution and Department.
BoS/ 1 / 2025 / EEE /UG 1.2	To discuss the Regulations 2025 proposed , University R2023 and R2013.
BoS/ 1 / 2025 / EEE /UG 1.3	To discuss B.Tech Degree Curriculum for I to VIII semesters under Autonomous Regulations 2025 for the students admitted in the Academic Year 2025-2026 (First Year).
BoS/ 1 / 2025 / EEE /UG 1.4	To discuss B.Tech Degree Syllabi for I and II semesters under Autonomous Regulations 2025 and its highlights (List of open electives, Professional electives), for the students admitted in the Academic Year 2025-2026 (First Year).
BoS/ 1 / 2025 / EEE /UG 1.5	To discuss Curriculum and Syllabi from I to VIII semesters under Pondicherry University Regulations 2023 and 2013 for the B.Tech students studying 2 nd year, 3 rd year and Final year
BoS/ 1 / 2025 / EEE /UG 1.6	To discuss about the uniqueness of the Curriculum
BoS/ 1 / 2025 / EEE /UG 1.7	To discuss and approve Evaluation Systems
BoS/ 1 / 2025 / EEE /UG 1.8	To discuss about the Innovative Teaching / Practices Methodology adopted to handle the emerging / Advanced Technological concept courses
BoS/ 1 / 2025 / EEE /UG 1.9	To discuss and approve the panel of examiners list.
BoS/ 1 / 2025 / EEE /UG 1.10	Any other additional points to be discussed with the permission of chair

Minutes of the Meeting

Dr.C. Shanmugasundaram, Chairman of the Board of Studies (BoS), officially commenced the meeting by welcoming all external, internal, and co-opted members. He expressed his gratitude for accepting the invitation to serve as members of the Board and for their presence. Following the welcome address, Dr. Shanmugasundaram provided a brief overview of the institution and the department, highlighting key achievements, focus areas, and ongoing academic initiatives.

Department of EEE - First Meeting of BoS

AGENDA 1: BoS/ 1 / 2025 / EEE /UG 1.1 Introduction about the Institution and Department.

- ❖ The external members of the Board appreciated the commendable efforts of the institution and the department in fostering academic excellence and maintaining a consistent focus on quality assurance and innovation in teaching-learning processes.

AGENDA 2: BoS/ 1 / 2025 / EEE /UG 1.2 To discuss the Regulations 2025 proposed and University R2023 and R2013.

- ❖ The proposed Autonomous regulations for B.Tech. Degree, R 2025, The regulations of Pondicherry University for B.Tech. Degree, R2023 and R2013 were discussed and are approved by the BoS members.

AGENDA 3: BoS/ 1 / 2025 / EEE /UG 1.3 To discuss B.Tech Degree Curriculum for I to II semesters under Autonomous Regulations 2025 for the students admitted in the Academic Year 2025-2026 (First Year).

The proposed Autonomous curriculum for B.Tech. Degree, R 2025, were discussed.

The following comments were given in the meeting by the BoS members.

- ❖ The members noted that the **total number of credits** in the proposed curriculum is currently **172**, which exceeds the range prescribed by the AICTE Model Curriculum guidelines. Accordingly, it was suggested by the members that the total credits be revised and brought within the recommended range of 160 to 165.
- ❖ The members suggested that in the second semester, the **Electronic Devices Laboratory and Instrumentation Laboratory** should not be combined into a single lab course. Instead, it was recommended that **Electronic Devices Laboratory will be offered as a separate Lab**.
- ❖ The members recommended that **Employability Enhancement Courses** may be **offered as non-credit courses** to provide students with additional skills and industry readiness without impacting the academic credit load.

AGENDA 4: BoS/ 1 / 2025 / EEE /UG 1.4 To discuss B.Tech Degree Syllabi for I to II semesters under Autonomous Regulations 2025 and its highlights (List of open electives, Professional electives), for the students admitted in the Academic Year 2025-2026 (First Year) students admitted in the Academic Year 2025-2026 (First Year).

The B.Tech Degree Syllabi for I to II semesters under Autonomous Regulations 2025 and its highlights (List of open electives, Professional electives) were discussed in the meeting.

The following comments were given in the meeting by the BoS members.

S.No	Subject/General Point	Comments
1.	Fundamentals of Electrical Engineering	The syllabus for Fundamentals of Electrical Engineering was found to be extensive and content heavy, and it was recommended that the content be reviewed and reduced.
2.	subject titles	It was recommended that subject titles should avoid referencing proprietary software names such as <i>PSpice</i> or <i>LabVIEW</i> . Instead, more generic titles such as " Software Simulation Laboratory " may be adopted.
3.	Physical Science for Electrical and Electronics Engineers	The syllabus for the subject " Physical Science for Electrical and Electronics Engineers " be restructured into five units instead of six , with a focus on revising the content to include topics that are more relevant and applicable to Electrical and Electronics Engineering
4.	Electronic Devices	It was recommended that in semester 2, Unit V of the Electronic Devices course syllabus be revised to incorporate emerging and advanced semiconductor devices, such as modern transistors, optoelectronic devices, or nanoelectronics components
5.	Universal Human Values – I	It was recommended that the course Universal Human Values – I be explicitly mentioned as part of the Student Induction Training Programme in the first semester , in accordance with the guidelines of AICTE

AGENDA 5: BoS/ 1 / 2025 / EEE /UG 1.5 To discuss Curriculum and Syllabi from (I to VIII) semesters under Pondicherry University Regulations 2023, 2013 for the B.Tech students studying Final year, 3rd year and 2nd year

- ❖ Curriculum and Syllabi from (I to VIII) semesters under Pondicherry University Regulations 2023, 2013 for the B.Tech students studying Final year, 3rd year and 2nd year were discussed.

The following comments were given in the meeting by the BoS members.

- ❖ The Curriculum and Syllabi under Regulations 2013 for the final year B.Tech students admitted in the Academic Year 2022–23 were reviewed. As no modifications were found necessary, the existing curriculum was accepted without any changes and subsequently recommended for approval by the Academic Council.

Department of EEE - First Meeting of BoS

- ❖ The Curriculum and Syllabi framed under Regulations 2023 for the Second Year B.Tech – 2024–2028 Batch (II TO VIII SEMESTERS) and Third Year B.Tech – 2023–2027 Batch (V TO VIII SEMESTERS) were reviewed.
- ❖ Following a comprehensive evaluation, it was observed that the existing curriculum meets the current academic standards and program objectives. As no modifications were deemed necessary, the curriculum was accepted with minor revision and has been recommended for formal approval by the Academic Council.
- ❖ Recommendation for Course Conversion – Life Skills (HSMC 203): In alignment with the principles of experiential learning and skill-based education, it was proposed that the Life Skills course (Subject Code: HSMC 203) be converted from a theory-oriented format to a laboratory-based course.

AGENDA 6: BoS/ 1 / 2025 / EEE /UG 1.6 To discuss about the uniqueness of the Curriculum

The uniqueness of the curriculum—such as Employability Skills Enhancement Courses, subjects related to the Indian Knowledge System, Sustainable Development Goals (SDGs), internships, modern tool usage and innovative teaching – learning practices as discussed and appreciated by BoS members.

AGENDA 7: BoS/ 1 / 2025 / EEE /UG 1.7 To discuss and approve Evaluation Systems

The Board discussed the evaluation system proposed for the academic programs, including the components of internal assessment, end-semester examinations, and continuous assessment methods. After a detailed review, the Board approved the evaluation system and recommended its implementation to Academic Council.

AGENDA 8: BoS/ 1 / 2025 / EEE /UG 1.8 To discuss about the Innovative Teaching / Practices Methodology adopted to handle the emerging / Advanced Technological concept courses

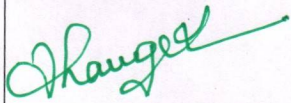
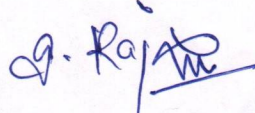
The Chair presented an overview of the innovative teaching and learning methodologies adopted by the department to enhance course delivery and student engagement. He emphasized the implementation of Project-Based Learning, Experiential learning to foster critical thinking and real-world problem-solving skills. The use of simulation tools and virtual laboratories was highlighted as a means to provide practical exposure in a digitally enabled environment.

He also noted the integration of MOOCs into the curriculum to support self-directed learning and broaden academic perspectives. Additionally, the department's industry engagement practices—including guest lectures, industrial visits, internships, Inplant Training, and Industry projects were acknowledged for aligning academic outcomes with industry expectations.

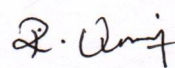
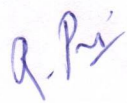
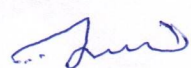
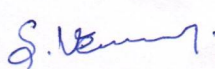
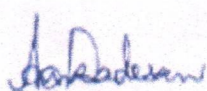
AGENDA 9: BoS/ 1 / 2025 / EEE /UG 1.9 To discuss and approve the panel of examiners list.

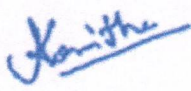
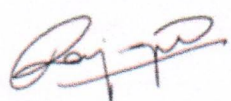
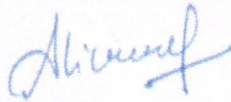
The Board discussed and approved the proposed panel of examiners for the forthcoming academic examinations. The panel was reviewed in accordance with the university norms and departmental requirements and was subsequently recommended for the Academic Council.

The meeting was concluded at 2:30 PM with vote of thanks by Dr.C. Shanmugasundaram, Chairman, Board of Studies, Department of Electrical and Electronics Engineering, Manakula Vinayagar Institute of Technology, Puducherry.

Sl.No	Name of the Member	Designation	Signature
Head of the Department (Chairman)			
1.	Dr.C. Shanmugasundaram HoD & Professor Department of EEE Manakula Vinayagar Institute of Technology Puducherry	Chairman	
The entire faculty of each specialization			
2.	Dr. K.Sedhuraman, Asso.Pro/EEE Associate Professor Dept of EEE Specialization: Power Electronics and Drives Years of Experience:12 Manakula Vinayagar Institute of Technology Mail Id: sedhuramaneee@mvit.edu.in Phone No:9092882883	Member	
3.	Mr. S.Rajkumar, AP/EEE Assistant Professor (SG) Dept of EEE Specialization: Circuit Analysis Years of Experience: 17 Manakula Vinayagar Institute of Technology Mail Id: rajkumareee@mvit.edu.in Phone No: 9952628247	Member	
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6.	Mr.D.Muruganandhan, AP/EEE Assistant Professor Dept of EEE Specialization: Power System Years of Experience:12	Member	

Department of EEE - First Meeting of BoS

	Manakula Vinayagar Institute of Technology Mail Id: muruanandhameee@mvit.edu.in Phone No: 9994382873		
7.	Mr. J.Vijaya Raghavan, AP/EEE Assistant Professor Dept of EEE Manakula Vinayagar Institute of Technology	Member	
8.	Mrs. S.Santhalakshmy, AP/EEE Assistant Professor Dept of EEE Manakula Vinayagar Institute of Technology	Member	
9.	Mrs. R.Muthunagai, AP/EEE Assistant Professor Dept of EEE Manakula Vinayagar Institute of Technology	Member	
10.	Mrs. R.Umamaheswari, AP/EEE Assistant Professor Dept of EEE Manakula Vinayagar Institute of Technology	Member	
11.	Mrs.R.Priya, AP/EEE Assistant Professor Dept of EEE Manakula Vinayagar Institute of Technology	Member	
12.	Mr. P.L. Santhana Krishnan, AP/EEE Assistant Professor Dept of EEE Manakula Vinayagar Institute of Technology	Member	
13.	Mr.S.Veeramanikandan, AP/EEE Assistant Professor Dept of EEE Manakula Vinayagar Institute of Technology	Member	
14.	Mr.Ravichandran Assistant Professor Dept of Mathematics, Manakula Vinayagar Institute of Technology	Co-Opted Members	
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Two subject experts from outside the parent University are to be nominated by the Academic Council.			
16.	Dr. Venkadesan .A Associate Professor/ EEE NIT Karaikal, Puducherry. venkadesan@nitpy.ac.in 9360609452	Subject Expert	

17.	Dr.S.Baskar Dean (R&D)/EEE Thiagarajar College of Engineering baskar1970@gmail.com 9894039081	Subject Expert	
One expert is to be nominated by the Vice-Chancellor from a panel of six recommended by the Autonomous College Principal.			
18.	Dr.A.Kavitha Professor, Department of EEE College of Engineering Guindy Anna University, Chennai. 600 025 akavitha@annauniv.edu 94443887786	Subject Expert	
One representative from industry/corporate sector/allied areas to be nominated by the Principal.			
19.	Mr.Raja Ganesan Director- Technical, VATIO Energy India Pvt Ltd, Chennai ganesh@vatioenergy.com 9566156789	Member	
One member of the College alumni to be nominated by the Principal.			
20.	Mr. M.Abilash TCS – Automation Test Engineer, Bangalore. aabilash099@gmail.com 7010679629	Member	
Experts from outside the Autonomous College, whenever special courses of studies are to be formulated, to be nominated by the Principal.			
21.	Dr.Thanga Raj Chelliah, Associate Professor, Dept. of Water Resources Development and Management, IIT ROORKEE thanga.chelliah@wr.iitr.ac.in 9456593798	Member	