



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 second Board of studies meeting of Department of Electrical and Electronics Engineering was held on 12th Feb 2026 at 10:30 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 Professor & HoD 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 Manakula Vinayagar Institute of Technology	Member
3.	Mr. S.Rajkumar, AP/EEE Assistant Professor (SG) Dept of EEE Specialization: Circuit Analysis Manakula Vinayagar Institute of Technology	Member
4.	Mr. N. Amarabalan, AP/EEE Assistant Professor Dept of EEE Specialization: Electrical Machines Manakula Vinayagar Institute of Technology	Member

5.	Mr. D. Balaji, AP/EEE Assistant Professor Dept of EEE Specialization: Machine design and Measurement and Control Manakula Vinayagar Institute of Technology	Member
6.	Mr.D. Muruganandhan, AP/EEE Assistant Professor Dept of EEE Specialization: Power System Manakula Vinayagar Institute of Technology	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.	Dr.S.Sivaramakrishanan HOD/Dept of Mathematics, Manakula Vinayagar Institute of Technology	Member

15.	Dr.Sumithra ASP/Dept of Physics Manakula Vinayagar Institute of Technology	Member
16.	Mrs.J. Vinitha Mary Assistant Professor Dept.of IT, Manakula Vinayagar Institute of Technology	Member
Two subject experts from outside the parent University are to be nominated by the Academic Council.		
17.	Dr. Venkadesan .A Associate Professor/ EEE NIT Karaikal, Puducherry. venkadesan@nitpy.ac.in 9360609452	Subject Expert
18.	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.		
19.	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.		
20.	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.		
21.	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.

22.	Dr.Thanga Raj Chelliah, Associate Professor, Dept. of Water Resources Development and Management, IIT ROORKEE thanga.chelliah@wr.iitr.ac.in 9456593798	Member
-----	--------------------------------------------------------------------------------------------------------------------------------------------------------------------------	--------

Agenda of the Meeting

Item No.	Particulars
BoS/ 2 / 2026 / EEE/UG 2.1	Progress and Activities of the EEE Department in A.Y 2024-25.
BoS/ 2 / 2026 / EEE /UG 2.2	Confirmation of minutes of I st Board of Studies meeting.
BoS/ 2 / 2026 / EEE /UG 2.3	To discuss and approve the proposed B.Tech Degree Curriculum structure and syllabi of second Year (III and IV semesters) under Autonomous Regulations (R2025) for the B.Tech – Electrical and Electronics Engineering students admitted in the Academic Year 2025-2026.
BoS/ 2 / 2026 / EEE /UG 2.4	To discuss and approve the proposed curriculum of Honours and Minor degree for the courses offered by EEE Department and the syllabi of III and IV semesters for the above degree under Autonomous Regulations (R 2025) for the students admitted in the Academic Year 2025 - 2026.2025-
BoS/ 2 / 2026 / EEE /UG 2.5	To discuss about the uniqueness of the Curriculum
BoS/ 2 / 2026 / EEE /UG 2.6	To clarify Evaluation Systems and passing requirement
BoS/ 2 / 2026 / EEE /UG 2.7	To discuss about the Innovative Teaching / Practices Methodology adopted to handle the emerging / Advanced Technological concept courses
BoS/ 2 / 2026 / EEE /UG 2.8	To discuss and approve the panel of examiners list.
BoS/ 2 / 2026 / EEE /UG 2.9	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), formally commenced the meeting by extending a warm welcome to all external, internal, and co-opted members. He expressed his sincere gratitude for their acceptance of the invitation to serve on the Board and for their valuable presence. Following the welcome address, Dr. Shanmugasundaram presented a brief overview of the institution and the department, highlighting key achievements, major focus areas, and ongoing academic initiatives.

AGENDA 1: BoS/ 2 / 2026 / EEE /UG 2.1 Progress and Activities of the EEE Department in A.Y 2024-25.

- ❖ 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/ 2 / 2026 / EEE /UG 2.2 Confirmation of minutes of Ist Board of Studies meeting..

- ❖ The minutes of the first BoS meeting held on 18th July 2025 was confirmed in the meeting.

AGENDA 3: BoS/ 2 / 2025 / EEE /UG 2.3 To discuss and approve the proposed B.Tech Degree Curriculum structure and syllabi of second Year (III and IV semesters) under Autonomous Regulations (R 2025) for the B.Tech – Electrical and Electronics Engineering students admitted in the Academic Year 2025 - 2026.

- ❖ The proposed B.Tech Degree Curriculum structure and syllabi of second Year (III to IV semesters) under Autonomous Regulations (R 2025) for the B.Tech – Electrical and Electronics Engineering students admitted in the Academic Year 2025 - 2026 were discussed

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

SEMESTER – III

S.No	Subject/General Point	Comments
1.	25UEET31 - Electrical Machines – 1	<ul style="list-style-type: none"> ❖ It is proposed to change the subject title to “DC Machines and Transformers.” ❖ It is recommended to remove the topic “Parallel Operation” from Unit II (DC Generator) and include the same in Unit IV.
2.	25UEET32 - Analog Electronics	<ul style="list-style-type: none"> ❖ It is recommended to change the subject name “25UEET32 – Analog Electronics” to “Electronics Circuits.”
3.	25UEET34 – Measurement and Instrumentation	<ul style="list-style-type: none"> ❖ It is recommended to remove the Multimeter from Unit III and the CRO from Unit IV, and to include advanced instruments such as the DSO.
4.	Lab Courses	<ul style="list-style-type: none"> ❖ The minimum number of experiments should be 10 and the maximum should be 12 for all laboratories. ❖ The experiments should not be organized or listed unit-wise

SEMESTER – IV

S.No	Subject/General Point	Comments
5.	25UEET41 - Electrical Machines – II	<ul style="list-style-type: none"> ❖ It is proposed to change the subject title to “AC Machines.” ❖ It is proposed to interchange (swap) Unit I and Unit II. ❖ It is proposed to include more detailed concepts, such as block diagrams, in the AVR topic.

The above comments were incorporated and the **revised version B.Tech, R2025 Autonomous syllabi for second year (3 and 4 semesters) were approved by the BoS members** for the students admitted from the Academic Year 2025-26.

AGENDA 4: BoS/ 2 / 2026 / EEE /UG 2.4 To discuss and approve the proposed curriculum of Honours and Minor degree for the courses offered by EEE Department and the syllabi of III and IV semesters for the above degree under Autonomous Regulations (R 2025) for the students admitted in the Academic Year 2025 - 2026.

To discuss and approve the proposed curriculum of Honours and Minor degree for the courses offered by EEE Department and the syllabi of III and IV semesters for the Honours and Minor degree under Autonomous Regulations (R 2025) for the students admitted in the Academic Year 2025 -26 were discussed in the meeting.

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

- ❖ The members recommended that the **Minor Degree programme** be offered in the specialized domain of **Electric Vehicle Technology**, considering its growing relevance, industry demand, and employment opportunities for the students.
- ❖ The members proposed that the **Honours Degree programme** be structured in the domain of **Renewable Energy**, with a focus on sustainability, green technologies, and emerging trends in the power sector.
- ❖ It was further suggested that all subjects under both the Honours and Minor programmes be organized in a progressive manner, starting from **basic and fundamental courses** at the lower level and gradually advancing to **intermediate and advanced-level courses**, so as to enhance conceptual understanding and skill development among students.

The above comments were incorporated in the Honours and Minor Degree curriculum and the revised version B.Tech, R2025 Autonomous syllabi for 3 and 4 semesters were approved by the BoS members.

AGENDA 5: BoS/ 2 / 2026 / EEE /UG 2.5 To discuss about the uniqueness of the Curriculum

The uniqueness of the Curriculum such as Employability Skills Enhancement Courses, Internship, Modern tool usage / Model Making / Assignment and Teaching Learning Practice etc., were discussed by the BoS members.

AGENDA 6: BoS/ 2 / 2026 / EEE /UG 2.6 To clarify Evaluation Systems and passing requirement

The Board discussed the evaluation system proposed for the academic programs, including the components of internal assessment, end-semester examinations, and continuous assessment methods.

The members clarified that the passing requirement is minimum of 40% marks in both Continuous Assessment and End semester exams together with minimum of 40% marks in end semester examination. The members recommended this as the same condition is being followed in Pondicherry University Regulation (R-2023) also and the same can be updated in the B.Tech Regulation (R-2025) in autonomous system.

After a detailed review, the Board approved the evaluation system, passing requirement and recommended its implementation to Academic Council.

AGENDA 7: BoS/ 2 / 2026 / EEE /UG 2.7 To discuss about the Innovative Teaching / Practices Methodology adopted to handle the emerging / Advanced Technological concept courses

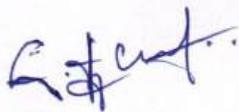
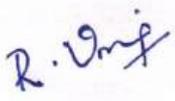
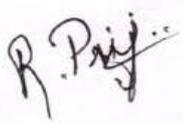
The Chair presented various innovative teaching and learning methodologies adopted by the department to effectively handle courses. He highlighted about the Project based Learning, use of simulation tools and virtual labs, integration of MOOCs, and industry engagement practices.

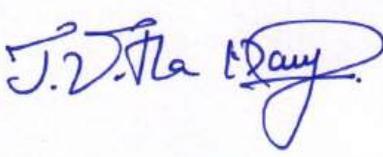
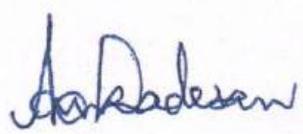
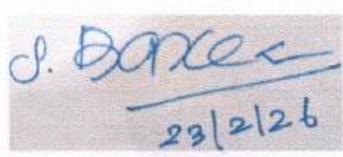
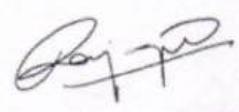
AGENDA 8: BoS/ 2 / 2026 / EEE /UG 2.8 To discuss and approve the panel of examiners list.

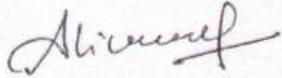
The Board discussed and approved the proposed panel of examiners for the forthcoming academic examinations. The panel was reviewed in accordance with the university norms and departmental requirements, and was subsequently recommended for onward submission to the Academic Council.

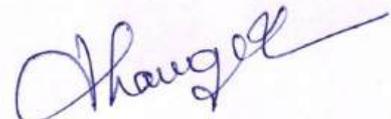
The meeting was concluded at 12:30 PM with vote of thanks by Dr.C. Shanmugasundaram, Chairman, Board of Studies, Department of Electrical and Electronics Engineering, Manakula Vinayagar Institute of Technology, Puducherry.

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, Manakula Vinayagar Institute of Technology	Member	
3.	Mr. S.Rajkumar, AP/EEE Assistant Professor (SG) Dept of EEE Specialization: Circuit Analysis Manakula Vinayagar Institute of Technology	Member	
4.	Mr. N. Amarabalan, AP/EEE Assistant Professor Dept of EEE Specialization: Electrical Machines Manakula Vinayagar Institute of Technology	Member	
5.	Mr. D. Balaji, AP/EEE Assistant Professor Dept of EEE Specialization: Machine design and Measurement and Control Manakula Vinayagar Institute of Technology	Member	
6.	Mr.D.Muruganandhan, AP/EEE Assistant Professor Dept of EEE Specialization: Power System Manakula Vinayagar Institute of Technology	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.	Dr. Sivaramakrishnan HOD/Dept of Mathemetics, Manakula Vinayagar Institute of Technology	Member	

15.	Dr.Sumithra ASP/Dept of Physics Manakula Vinayagar Institute of Technology	Member	
16.	Mrs. J. Vinita Mary Assistant Professor Dept. of IT Manakula Vinayagar Institute of Technology	Member	
Two subject experts from outside the parent University are to be nominated by the Academic Council.			
17.	Dr. Venkadesan .A Associate Professor/ EEE NIT Karaikal, Puducherry. venkadesan@nitpy.ac.in 9360609452	Subject Expert	
18.	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.			
19.	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.			
20.	Mr.Raja Ganesan Director- Technical, VATIO Energy India Pvt Ltd, Chennai ganes@vatioenergy.com 9566156789	Member	

One member of the College alumni to be nominated by the Principal.			
21.	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.			
22.	Dr.Thanga Raj Chelliah, Professor, Dept. of Water Resources Development and Management & Centre for Sustainable Energy IIT ROORKEE thanga.chelliah@wr.iitr.ac.in 9456593798	Member	



(Dr.C.Shanmugasundaram)

Chairperson-BoS

Department of Electrical and Electronics Engineering, MIT