



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 ELECTRONICS AND COMMUNICATION ENGINEERING

Minutes of 1st Board of Studies Meeting

The First Board of studies meeting of Department of Electronics and Communication Engineering was held on **24th July 2025 from 2:00 PM to 4:25 PM** at Admission Cell Conference Hall, 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.	Dr.S.Arunmozhi Professor and Head Dept.of.ECE	Chairperson
2.	Dr. T. Shanmuganatham Professor Department of Electronics Engineering School of Engineering & Technology Pondicherry University	University Nominee
3.	Dr. G.F.Sudha Professor Dept. of ECE Pondicherry Technological University Puducherry	Subject Expert
4.	Dr. Vinoth Babu K Professor Grade 2 School of Electronics Engineering Department of Communication Engineering Vellore Institute of Technology, Vellore	Subject Expert
5.	Dr. Arunkumar Palaniappan Senior Product Manager, Rapyuta Robotic Chennai, Tamil Nadu	Industry Expert
6.	Dr. B.Yogameena Professor and Head Department of Education Media and Technology National Institute of Technical Teachers Training and Research	Special Expert

S.NO	Name of the Member with Designation and official Address	Members as per UGC Norms
	Chennai	
7.	Mr.M.Velmurugan Lead Developer, NU logic Private Ltd. Chennai	Alumni Member
8.	Dr. R. Valli, Professor/ECE Dr. M. Jayekumar, Professor/ECE Dr. A. Thenmozhi, Professor/ECE Dr. S. Vinoth, AP/ECE Dr. R. Sofia, AP/ECE Dr S. Semmalar, ASP/ECE Dr. V. Gowthami, ASP/ECE Mr. V. Rajesh, AP/ECE Mr. S. Mohanraj, AP/ECE Mr. M. Sivaraj, AP/ECE Mrs. K. Alamelu, AP/ECE Mrs. R. Vithiya, AP/ECE Mrs. G.Sharmila, AP/ECE Mr.K.Kumaran, AP/ECE Mr. S. Anbazhagan, AP/ECE Mrs. D. Marygetsy, AP/ECE Mr. R. Sambathkumar, AP/ECE Mr. C. Thiagarajan, AP/ECE Mr K. Sabarinathan, AP/ECE Mrs. Zarina Begum, AP/ECE Mrs. K.Ranjitha, AP/ECE Mr. R. Srimannarayanan, AP/ECE Dr. M. Sivasindhu, AP/ECE Mrs. V.Mohana, AP/ECE Mrs. P.Vadivukarasi, AP/ECE Ms. R.Punithalakshmi, AP/ECE Mr. J. Franklin, AP/ECE Mr. Kameshwaran, AP/ECE Mr.Jeeva Saravanan, AP/ECE Mrs. G. Kalpana, AP/ECE Mr. Poobalan, AP/ECE Mr. R.Sathyamoorthy, AP/ECE Mr. Jason, AP/ECE	Internal Members
9	Dr. Sivaramakrishnana Prof/Mathematics Mrs. Sumithra K ASP/Physics Mr. A. Meiappane Prof/IT	Co-Opted Members

Agenda of the Meeting

1. To present the introduction about the institution and departmental profile with current achievements and status.
2. To discuss the proposed Autonomous Regulations 2025 and review existing University Regulations R2023 and R2013.
3. To discuss and approve B.Tech degree curriculum for I and II semesters under Autonomous Regulations 2025 for students admitted in Academic Year 2025-2026.
4. To discuss and approve B.Tech degree syllabi for I and II semesters under Autonomous Regulations 2025 for students admitted in Academic Year 2025-2026.
5. To discuss M.Tech ECE Regulations 2025 and approve curriculum and syllabus for students admitted in Academic Year 2025-2026.
6. To approve University Regulations R2018 for present second year M.Tech ECE students.
7. To discuss draft curriculum from III to VIII semesters for Autonomous Regulations 2025 with progressive skill development pathways.
8. To approve the curriculum and syllabi from I to VIII semesters under Pondicherry University Regulations 2023 and R2013 for B.Tech students studying in final year, third year, and second year.
9. To discuss and approve comprehensive evaluation systems and assessment frameworks for all programs.
10. To discuss innovative teaching practices and methodologies adopted to handle emerging and advanced technological concept courses.
11. To discuss and approve the panel of examiners with expertise mapping and external examiner recommendations.
12. Any other items with the permission of the Chair.

Minutes of the Meeting

Dr.S.Arunmozhi, Chairman, BoS officially announced the opening of the meeting and welcomed the external, internal and co-opted members and also thanked them for accepting the invite and their presence as member of the board of studies. Chairman highlighted the credentials of the Institution and Department and the meeting thereafter deliberated on agenda items that had been approved by the chairman.

Item No: ECE/BOS/1.1	The institution and departmental profile was presented with current achievements and status. The BoS members acknowledged the credentials and growth of the department.
Item No: ECE/BOS/1.2	The proposed Autonomous Regulations 2025 and existing University Regulations R2023 and R2013 were discussed. BOS members emphasized

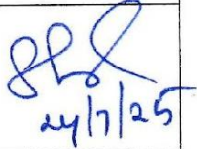
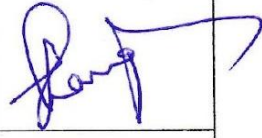





	the need for uniform formatting across all regulations and proper credit allocation based on course duration.
Item No: ECE/BOS/1.3	<p>The B.Tech degree curriculum for I and II semesters under Autonomous Regulations 2025 was discussed.</p> <p>Key recommendations include: -</p> <p>Induction program must be mentioned as three weeks in curriculum-</p> <p>First semester has 23 credits - some subjects can be moved to second or higher semester</p> <p>Technical English in 6th semester can be brought to 2nd semester</p> <p>Electronic devices can be moved to 3rd or 4th semester</p> <p>Design thinking and Idea lab can be moved to 3rd semester for lateral entry students</p> <p>Include programming subjects for lateral students in 3rd or 4th semester</p>
Item No: ECE/BOS/1.4	<p>The B.Tech degree syllabi for I and II semesters were reviewed with following recommendations:-</p> <p>Include chemistry in Physical Sciences subject and laboratory sessions</p> <p>Expand UHV 2 course content</p> <p>Change practical course hours from 2 to 4 hours</p> <p>Environmental science subject repetition in first and 5th semesters needs clarification</p> <p>Avoid overlapping in linear algebra subject as matrix is covered in first semester</p> <p>Both practical and theory subjects should be in same semester</p> <p>Standard format required for textbooks and reference books with year of publication</p> <p>NPTEL video links in web references should be elaborated</p>
Item No: ECE/BOS/1.5	<p>M.Tech ECE Regulations 2025 and curriculum were discussed with recommendations:</p> <p>Instead of using ‘advanced’ for all subjects, different terms like ‘modern’ can be used</p>

	<p>5G subject can be modified as elective</p> <p>Include IoT communication, MQTT, blockchain, BLE, Wi-Fi etc. with practical exposure</p> <p>Limit number of electives and classify as different verticals</p> <p>Research methodology can be removed or shifted to elective</p> <p>Advanced information theory and coding should include LDPC coding</p> <p>Include Python programming on hardware for PG courses</p>
Item No: ECE/BOS/1.6	University Regulations R2018 for present second year M.Tech ECE students was approved as recommended.
Item No: ECE/BOS/1.7	<p>Draft curriculum from III to VIII semesters for Autonomous Regulations 2025 was discussed:</p> <p>In semester 6, RF theory and computer communication subjects should be included</p> <p>In sensors and IoT lab, include Arduino and Raspberry Pi experiments</p> <p>In 8th semester, professional electives can be avoided for 6 months internship option</p> <p>Open electives can be included in 8th semester- Electives can be given as verticals or domains</p>
Item No: ECE/BOS/1.8	The curriculum and syllabi from I to VIII semesters under Pondicherry University Regulations 2023 and R2013 for existing B.Tech students was approved with necessary modifications as discussed.
Item No: ECE/BOS/1.9	Comprehensive evaluation systems and assessment frameworks were discussed:- Clarification requested on examination conduct for integrated courses and marks distribution- Detailed explanation needed for 50-50 marking scheme- Rubrics should be clearly defined for project based learning- Faculty training suggested for evaluation methods
Item No: ECE/BOS/1.10	<p>Innovative teaching practices and methodologies were discussed:</p> <p>Design thinking should include experiments</p> <p>Project based learning support recommended for master level</p> <p>Python modules inclusion in laboratory sessions</p>

	Hardware interface experiments like USB and RS232 for Python lab Instructional activity should be defined clearly in regulations
Item No: ECE/BOS/1.11	Panel of examiners with expertise mapping was discussed. The BoS recommended that CO-PO correlation matrix must be checked properly for all subjects and only relevant PO must be mapped. Course outcomes should be written at apply level and higher order thinking rather than understand and remember level.
Item No: ECE/BOS/1.12	Other items discussed include:- Credit for intensive courses should be according to duration Internship should not be mandatory due to difficulty in obtaining qualified internships Coursera, NPTEL and MOOC courses can be alternatives for internship- Publication need not be mandatory for projects but weightage should be given Course prerequisites should have standard format with course code and name CO-PO matrix mapping is mandatory with proper mapping of PO 6 to PO 11

The meeting was concluded at 4:25 PM with vote of thanks by **Dr.S.Arunmozhi**, Chairman, Board of Studies, Department of Electronics and Communication Engineering.

**DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING****1st BOARD OF STUDIES MEETING- JULY 2025****Venue: Department of Electronics and Communication Engineering Date: 24/07/25****Time: 02:00 P.M****Day: Thursday**

Sl.No	Name of the Members	Designation	Signature
1.	Dr.S.Arunmozhi, Professor and Head Dept. of ECE	Chairman, BOS Electronics and Communication Engineering	 24/7/25
External Members			
2.	Dr. T. Shanmuganatham Professor, Dept. of Electronics Engineering, School of Engineering & Technology, Pondicherry University.	University Nominee	
3.	Dr. G.F.Sudha Professor, Dept. of ECE, Pondicherry Technological University Puducherry. E.mail vinothbabu.k@vit.ac.in Contact: 9080856544	Expert Member	
4.	Dr. Vinoth Babu K Professor Grade 2 School of Electronics Engineering Department of Communication Engineering Vellore Institute of Technology, Vellore	Subject Expert	
5.	Dr. Arunkumar Palaniappan Senior Product Manager Rapyuta Robotic Chennai, Tamil Nadu	Industry Expert	
6.	Dr. B.Yogameena Professor and Head Department of Education Media and Technology National Institute of Technical Teachers Training and Research. Chennai	Special Subjects Expert	 11/08/25
7.	Mr.M.Velmurugan Lead Developer NU logic Private Ltd.Chennai	Alumni Member	



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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

1st BOARD OF STUDIES MEETING - JULY 2025



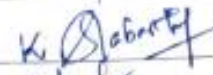



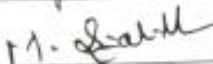
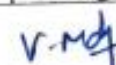


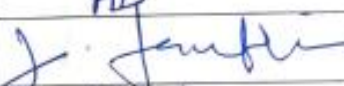

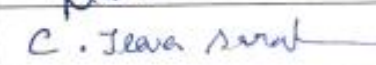

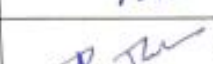


Venue: Department of Electronics and Communication Engineering

Time: 02:00 P.M


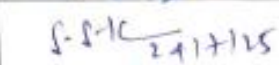

Date:24/07/25

Day: Thursday

Internal Members		
SL NO	Name of the Members	Signature
1.	Dr. R. Valli, Professor ECE	
2.	Dr. M. Jayekumar Professor ECE	
3.	Dr. A. Thenmozhi Professor/ECE	
4.	Dr. S. Vinoth AP/ECE	
5.	Dr. R. Sofia AP/ECE	
6.	Dr S. Semmalar ASP / ECE	
7.	Dr. V. Gowthami ASP/ECE	
8.	Mr. V. Rajesh AP/ECE	
9.	Mr. S. Mohanraj AP/ECE	
10.	Mr. M. Sivaraj AP/ECE	
11.	Mrs. K. Alamelu AP/ECE	
12.	Mrs. R. Vithiya AP/ECE	
13.	Mrs. G.Sharmila AP/ECE	
14.	Mr.K.Kumaran AP/ECE	
15.	Mr. S. Anbazhagan AP/ECE	
16.	Mrs. D. Marygetsy AP/ECE	

17.	Mr. R. Sambathkumar AP/ECE	
18.	Mr. C. Thiagarajan AP/ECE	
19.	Mr K. Sabarinathan AP/ECE	
20.	Mrs. Zarina Begum AP/ECE	 24/7/25
21.	Mrs. K.Ranjitha AP/ECE	
22.	Mr. R. Srimannarayanan AP/ECE	
23.	Dr. M. Sivasindhu AP/ECE	
24.	Mrs. V.Mohana AP/ECE	
25.	Mrs. P.Vadivukarasi AP/ECE	
26.	Ms. R.Punithalakshmi AP/ECE	
27.	Mr. J. Franklin AP/ECE	
28.	Mr. Kameshwaran AP/ECE	
29.	Mr.Jeeva Saravanan AP/ECE	
30.	Mrs. G. Kalpana AP/ECE	
31.	Mr. Poobalan AP /ECE	
32.	Mr. R.Sathyamoorthy AP /ECE	
33.	Mr. Jason AP/ECE	 24/7/25

CO-OPT Members

34.	Dr.A. Meiappane Professor /IT	
35.	Dr.S.Sivaramakrishnan Professor /Maths	 24/7/25
36.	Ms. M.Sumithra Associate Professor/Physics	 24/7/25