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 2nd Board of Studies Meeting

The Second Board of Studies meeting of Department of Electronics and Communication Engineering was held online on **30th January 2026 from 10:30 AM to 12:30 PM**.
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 Chennai	Special Expert
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
Ms. K.Vaishali AP/ECE
Mrs. R.Vijayalakshmi 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 institutional and departmental profile with updates on achievements since the previous BoS meeting.

2. To review and approve modifications to foundational course syllabi including Physics and Materials Science.

3. To discuss and clarify the passing requirement through the continuous assessment and End semester Examinations.

4. To review and approve the III Semester curriculum modifications including Digital System Design course.

5. To discuss and approve IV Semester curriculum including the introduction of Mini Project.

6. To review and approve V and VI Semester curriculum modifications including course restructuring and project upgrades.

7. To discuss and approve internship framework and Open Elective delivery mechanisms.

8. To review and approve evaluation systems and assessment frameworks for various course components.

9. To discuss faculty development initiatives and certification requirements.

10. To review and approve M.Tech programme modifications including non-classroom tracks.

11. 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 updates and achievements since the previous BoS meeting and the meeting thereafter deliberated on agenda items that had been approved by the chairman.

Resolution No.	Description
ECE/BOS/2.1	The Review of the syllabus framed for first year was discussed. The chairman announced that first semester of autonomous curriculum was successfully completed without any bottlenecks.
ECE/BOS/2.2	After reviewing the Physics syllabus and Electronic Devices, it is suggested that the overlapping concepts of laser diodes, LEDs, and photodiodes be specified in the Physics subject as "Semiconductor Physics of Lasers, LEDs, and Photodiodes."
ECE/BOS/2.3	The members clarified that the passing requirement is minimum 40% marks in the aggregate of continuous assessment and end semester examinations together. The members recommended this , as the same condition is being followed in the Pondicherry University Regulations (R2023) and the same can be updated in the B.Tech regulations 2025 of autonomous regulations.
ECE/BOS/2.4	The members suggested to rename the Advanced Digital system Design course both theory and laboratory with some other nomenclature as this is a second year subject. Further the topics in the proposed syllabus are to be modified without the titles containing the term Advanced.
ECE/BOS/2.5	Members agreed to eliminate repetition in textbooks and update missing publication years in reference materials.
ECE/BOS/2.6	The Mini Project course in the IV semester was recommended to follow an Idea to Prototype stages of implementation. The students must use the design thinking knowledge obtained in Third semester to implement sustainable focused projects.
ECE/BOS/2.7	The Board recommended to include Information Theory and Coding as last unit and add Noise topics in other units in Analog and Digital Communication. The Board approved the inclusion of Digital Coding Theory concepts in the fifth semester to bridge the gap in Wireless Communication concepts.

ECE/BOS/2.8	It was decided to rename Mobile Communication as Wireless Communication and Networks in the VI Semester to reflect contemporary terminology.
ECE/BOS/2.9	The Members recommended to include mini project in VI Semester as a Capstone Project where students will develop from Idea to Product following Design Thinking principles.
ECE/BOS/2.10	The Board discussed the evaluation guidelines for Project courses in the regulations.
ECE/BOS/2.11	The Board approved the inclusion of an internship during the summer vacations from second year and can earn the credit at last semester. The duration of two weeks, of Internship can be awarded with one credit.
ECE/BOS/2.12	NPTEL courses were recognised as equivalent to Open Electives, subject to appropriate evaluation mechanisms.
ECE/BOS/2.13	The board suggested that Python for Engineers course can be offered as a practical-oriented course with less importance to Theory. The Members recommended to remove file handling concept in the proposed syllabus and include it during the later semester Laboratory courses.
ECE/BOS/2.14	The Experiment on " BER analysis " was recommended in Analog and digital communication Laboratory. In subject signals and systems the "Hilbert transform" was recommended to be added.
ECE/BOS/2.15	The board recommended for more evaluation methods for practical sessions wherever applicable.
ECE/BOS/2.16	The Board recommended to revise the Design Thinking syllabus as the Proposed syllabus is very vast. The members suggested to revise the syllabus with focus on ideation with conceptual prototypes.
ECE/BOS/2.17	The board suggested to include some Practical pedagogical components for courses like Transmission line theory.
ECE/BOS/2.18	The board members suggested to include diversified evaluation methods for various subjects wherever possible ● Model based evaluation ● Case studies inclusion ● Presenting book chapters ● Report writing ● Problem solving
ECE/BOS/2.19	The members pointed out that the Syllabus in some subjects are more elaborate and in some subjects it is concise. All syllabi has to be verified for consistency and completeness before final implementation.
ECE/BOS/2.20	Textbooks and reference materials will be updated to the latest editions across all courses.
ECE/BOS/2.21	The board Recommended to convert the Proposed Honor and Minor courses to 4 credits and offer 5 Honor and 5 minor courses per domain accounting to 20 credits. The Honors and Minors were proposed in different domains and Approved.
ECE/BOS/2.22	The Non-classroom courses can have different tracks instead of were approved for M.Tech programmes, offering greater flexibility.

ECE/BOS/2.23	The Board approved internships for M.Tech students with two credits and a minimum duration of four weeks per semester.
ECE/BOS/2.24	The members also suggestions for signing MOU with Industrial partners in Wireless companies and get valid certifications.

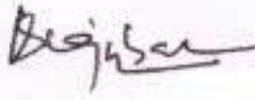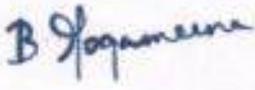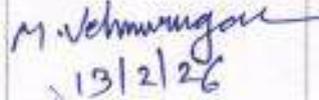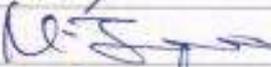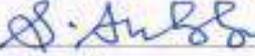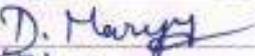## SUGGESTIONS BY BOS MEMBERS FOR FURTHER PROCEEDINGS

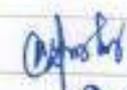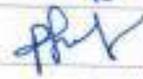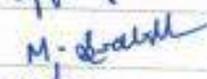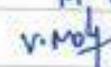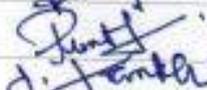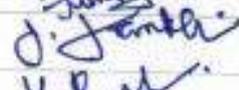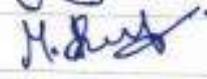|	
1.	For subjects like Linear algebra and Probability Courses Mathematics faculty can handle Units 1 to 3 and Units 4 and 5 will be handled by ECE faculty to maintain domain-specific depth so that application of Mathematical courses is delivered to students.
2	Faculty members are encouraged to actively participate in FDPs on UHV, Design Thinking workshops, SWAYAM, NPTEL, NITTTR, IIT research programmes, and MOOCs.
3	It is expected that faculty complete relevant certification courses before handling the corresponding subjects to ensure competency.
4	International certifications through platforms such as Qualcomm were recommended, with particular focus on 5G-related technologies.
5	The AICTE internship portal was highlighted as a valuable resource for identifying both paid and unpaid internship opportunities.

6.	Value added Courses recommended by the Board to bridge the curricular gap.
	   i. Data structures
	   ii. Financial management

The meeting concluded at 12:30 PM. Dr. S. Arunmozhi, Chairman, Board of Studies, Department of Electronics and Communication Engineering, extended a formal vote of thanks to all members for their valuable contributions and active participation in shaping the department's academic future.

Attendance

S.No	Name of the Member with Designation and official Address	Responsibility in the BoS	Signature
1.	**Dr.S.Arunmozhi** Professor and Head Dept.of.ECE	Chairperson	9/2/26
2.	**Dr. T. Shanmuganatham** Professor Department of Electronics Engineering School of Engineering & Technology Pondicherry University	University Nominee	13/2/26

| 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 Chennai	Special Expert	
7.	**Mr.M.Velmurugan** Lead Developer, NU logic Private Ltd. Chennai	Alumni Member	
8.	**Dr. R. Valli, Professor/ECE**	Internal Members	
9.	**Dr. M. Jayekumar, Professor/ECE**	Internal Members	
10.	**Dr. A. Thenmozhi, Professor/ECE**	Internal Members	
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14.	**Dr. V. Gowthami, ASP/ECE**	Internal Members	
15.	**Mr. V. Rajesh, AP/ECE**	Internal Members	
16.	**Mr. S. Mohanraj, AP/ECE**	Internal Members	
17.	**Mr. M. Sivaraj, AP/ECE**	Internal Members	
18.	**Mrs. K. Alamelu, AP/ECE**	Internal Members	
19.	**Mrs. R. Vithiya, AP/ECE**	Internal Members	
20.	**Mrs. G.Sharmila, AP/ECE**	Internal Members	
21.	**Mr.K.Kumaran, AP/ECE**	Internal Members	
22.	**Mr. S. Anbazhagan, AP/ECE**	Internal Members	
23.	**Mrs. D. Marygetsy, AP/ECE**	Internal Members	
24.	**Mr. R. Sambathkumar, AP/ECE**	Internal Members	
25.	**Mr. C. Thiagarajan, AP/ECE**	Internal Members	
26.	**Mr K. Sabarinathan, AP/ECE**	Internal Members	
27.	**Mrs. Zarina Begum, AP/ECE**	Internal Members	
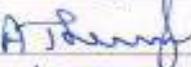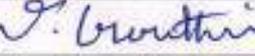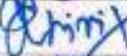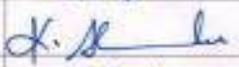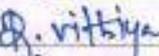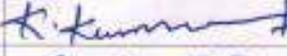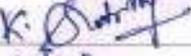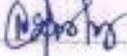
27.	Mrs. Zarina Begum, AP/ECE	Internal Members	
28.	Mrs. K.Ranjitha, AP/ECE	Internal Members	
29.	Mr. R. Srimannarayanan, AP/ECE	Internal Members	
30.	Dr. M. Sivasindhu, AP/ECE	Internal Members	
31.	Mrs. V.Mohana, AP/ECE	Internal Members	
32.	Mrs. P.Vadivukarasi, AP/ECE	Internal Members	
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37.	Mrs. G. Kalpana, AP/ECE	Internal Members	
38.	Mr. Poobalan, AP/ECE	Internal Members	
39.	Mr. R.Sathyamoorthy, AP/ECE	Internal Members	
40.	Mr. Jason, AP/ECE	Internal Members	
41.	Mrs. R. Vijayalakshmi, AP/ECE	Internal Members	
42.	Ms. K.Vishali, AP/ECE	Internal Members	

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

2ndBOARD OF STUDIES MEETING- JANUARY 2026

CO-OPT Members

S.No	Name of the Member	Signature
1.	Dr.A. MeiappaneProfessor /IT	
2.	Dr.S.SivaramakrishnanProfessor /Maths	
3.	Dr. M.Sumithra Associate Professor/Physics	