



**DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**

*9<sup>th</sup> Board of Studies Meeting in the Department of  
Electronics and Communication Engineering*

*for the Programme*

**M.Tech - Electronics and Communication Engineering**  
**M.Tech - VLSI and Embedded Systems**  
**Ph.D - Electronics and Communication Engineering**

***Venue***

**Seminar Hall,**

Department of Electronics and Communication Engineering  
Sri Manakula Vinayagar Engineering College  
Madagadipet, Puducherry – 605 107

***Date & Time***

**March 20, 2025, at 11.45 am.**

## MINUTES OF BOARD OF STUDIES MEETING

The Ninth Board of Studies meeting for PG and PhD programmes was held on March 20, 2025 at 11:45 am in the Seminar Hall, Department of ECE, Sri Manakula Vinayagar Engineering College, Puducherry.

### MEMBERS OF THE BOARD OF STUDIES

#### 1. Head of the Department concerned (Chairperson).

**Dr. P. Raja**, Professor and Head

#### 2. All faculty members of the Department.

Name and Designation	Specialization
<b>Dr. R. Subramaniyan</b> , Professor	Embedded System
<b>Dr.C.A.Sathyamoorthy</b> , Professor	Biomedical Engineering
<b>Dr.A.Jayachitra</b> , Professor	Control and Instrumentation
<b>Dr. R.Kurinjimalar</b> , Professor	Mobile Satellite Communication
<b>Dr. J.Pradeep</b> , Associate Professor	Image Processing
<b>Dr.S.B.Lenin</b> , Associate Professor	Wireless Communication, VLSI Design
<b>Dr.P.Arunagiri</b> , Associate Professor	Wireless Communication
<b>Dr.PremKumar.S</b> , Associate Professor	Wireless Communication
<b>Dr.N.Saranya</b> , Assistant Professor	Antennas and Microwave Engineering
<b>Dr.S.Dhivya</b> , Assistant Professor	Digital Image Processing
<b>Dr.R.Vijayarani</b> , Assistant Professor	Wireless Communication
<b>Dr.R.Kalaiyaran</b> , Assistant Professor	Wireless Communication
<b>Dr.Vankayala Chethan Prakash</b> , Assistant Professor	Wireless Communication
<b>Dr.T.Deepa</b> , Assistant Professor	RF and Microwave Communication
<b>Mrs.S.Jayanthi</b> , Assistant Professor	VLSI Design
<b>Mrs.V.Logisvary</b> , Assistant Professor	Applied Electronics
<b>Mr.J.Soundararajan</b> , Assistant Professor	Digital Communication and Network Engineering.
<b>Mr.M. Harikrishnan</b> , Assistant Professor	Image Processing
<b>Navaneethakrishnan.V.M</b> , Assistant Professor	Embedded Systems
<b>Mrs.P.Srividdhya</b> , Assistant Professor	Image Processing
<b>Mr.P.Mahendra Peruman</b> , Assistant Professor	VLSI Design
<b>Mrs.R.Gayathri</b> , Assistant Professor	Signal Processing
<b>Mr.S.Ganesan</b> , Assistant Professor	Electrical Drives and Control
<b>Mr J.Dhanapathi</b> , Assistant Professor	Process Control and Instrumentation
<b>Mr.S.Mohanram</b> , Assistant Professor	Embedded Systems
<b>Mr.K.Jambulingam</b> , Assistant Professor	Wireless Communication
<b>Ms.R.Priya</b> , Assistant Professor	Digital Image Processing
<b>Ms.K.Archana</b> , Assistant Professor	Applied Electronics
<b>Mr.P. Suseendar</b> , Assistant Professor	Embedded Systems
<b>Mrs.T.S.Krishnapriya</b> , Assistant Professor	Embedded Systems
<b>Mr.S.Yuvaraj</b> , Assistant Professor	VLSI Design
<b>Mrs.S.Anbarasi</b> , Assistant Professor	Wireless Communication
<b>Mr.Sundar Mohan</b> , Assistant Professor	Image Processing
<b>Mrs.Kavitha.K</b> , Assistant Professor	Communication Systems

<b>Ms.Arthi S</b> , Assistant Professor	Communication Systems
<b>Mrs.Tamilselvi D</b> , Assistant Professor	Communication Technology
<b>Mrs.M.S.Vandhana</b> , Assistant Professor	VLSI Design
<b>Ms.A.Preetha</b> , Assistant Professor	Electronics and Communication Engineering
<b>Mrs.Janani C</b> , Assistant Professor	Communication Systems
<b>Mrs.Srividhya R</b> , Assistant Professor	Communication Systems
<b>Ms.Sasikala N</b> , Assistant Professor	Communication and Networking
<b>Mr.Uthayasuriyan K</b> , Assistant Professor	Communication Systems
<b>Mrs.Krishnalakshmi.A</b> , Assistant Professor	Communication Systems
<b>Senthilkumar.G. K</b> , Assistant Professor	Laser and Electrooptical Engineering
<b>Sivakumar. R</b> , Assistant Professor	Embedded Systems
<b>Invited Members</b>	
<b>Dr. B. Kanimozhi</b> , Professor	Computational Fluid Dynamics
<b>Dr.T.Jayavarthanam</b> , Professor	Vibrational Spectrography
<b>Dr. S. Savithri</b> , Professor	Environmental Chemistry
<b>Dr. P. Rajeswari</b> , Associate Professor	Indian Writing in English

### 3. Subject experts from outside the parent University

<b>Dr.J.Charles Pravin</b> , Professor, Department of ECE Kalasalingam Academy of Research and Education, Krishnankoil	<b>Dr.V.J.K.Kishore Sonti</b> , Professor, School of Electrical and Electronics, Sathyabama Institute of Science and Technology, Chennai.
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### 4. University Nominee

**Dr. M. Jagannath**  
Professor, School of Electronics Engineering  
Vellore Institute of Technology, Chennai.  
+988438626, agan.faith@gmail.com

### 5. Representative from the Industry/Corporate sector/allied areas

**Er.R. Murali Srinivasan**,  
Principal Engineer, Western Digital Corporation  
Prestige Park, Prestige Excelsior,  
Building No. 143/1, Amani Belandur Kane Village  
Varthur Hobli, Bangalore.  
Ph.9731324679, mail - muralisrivathsav@gmail.com

### 6. One member of the College alumni to be nominated by the principal.

**S. Krishnakumar**,  
Test Engineer (Cloud Architect),  
Wipro Technologies,  
Survey No - 602/03, SEZ Ave, ELCOT SEZ, Shollinganallur,  
Chennai, TN, India-600119.  
Ph. 9791317100; Mail- krishnakumars2508@gmail.com

### 7. Experts from outside the Autonomous College, whenever special courses of studies are to be formulated, to be nominated by the principal.

**Prof. R. Nakkeeran**  
Professor, Department of Electronics Engineering, School of Engineering & Technology  
Pondicherry University

### The following members attended the meeting in online

SI. No	Name of the Member	Designation
1	Dr. M. Jagannath	Expert Member (University Nominee)
2	Dr.J.Charles Pravin,	Expert Member (Academic Council Nominee)
3	Dr.V.J.K.Kishore Sonti,	Expert Member (Academic Council Nominee)
4	Prof. R. Nakkeeran	Expert Member (Principal Nominee)
5	Er.R. Murali Srinivasan,	Industry Member
6	S. Krishnakumar,	Alumni Member

### AGENDA OF THE MEETING

#### **BoS /2025 /PG/ECE 9.1**

To review and confirm the minutes of the Eighth meeting of BoS held on September 5, 2024

#### **BoS /2025 /PG/ECE 9.2**

To discuss and approve the Syllabi for the M.Tech – Electronics and Communication Engineering under Regulations 2023

#### **BoS /2025 /PG/ECE 9.3**

To discuss and approve the Syllabi for the M.Tech VLSI and Embedded Systems under Regulations 2023

#### **BoS /2025 /PG/ECE 9.4**

To appraise the progress of Research Scholars of Electronics and Communication Engineering publications

#### **BoS /2025 /UG/ECE 9.5**

Any other additional points with the permission of the chair.

## MINUTES OF THE MEETING

Dr. P. Raja, Chairman, BoS opened the meeting with warm welcome and thanked all the Members for accepting the Ninthh BoS meeting Invitation for the PG and PhD programmes. The Chairman proceeded the meeting subsequently and discussed the agenda items.

### BoS /2025 /PG/ECE 9.1

To review and confirm the minutes of the Eighth meeting of BoS held on September 5, 2024

The Eighth BoS Meeting for M.Tech.- Electronics and Communication Engineering and M. Tech - VLSI and Embedded Systems under Regulations 2023 held on September 5, 2024 and minutes are reviewed and confirmed

***Members are reviewed the and confirmed the Minutes of 8<sup>th</sup> BoS Meeting***

### BoS /2025 /PG/ECE 9.2

To discuss and approve the Syllabi for the M.Tech – Electronics and Communication Engineering under Regulations 2023

The members are approved the syllabus M.Tech Electronics and Communication Engineering under Regulations 2023 and recommended to keep the same syllabus which was approved in 8<sup>th</sup> BoS Meeting

### BoS /2025 /PG/ECE 9.3

To discuss and approve the Syllabi for the M.Tech VLSI and Embedded Systems under Regulations 2023

The members are approved the syllabus M.Tech VLSI and Embedded Systems under Regulations 2023 and recommended to keep the same syllabus which was approved in 8<sup>th</sup> BoS Meeting

### BoS /2025 /PG/ECE 9.4

To appraise the progress of Research Scholars of Electronics and Communication Engineering publications

The BoS members appreciated about the progress of Research Scholars in the department. The members of the BoS appreciated the scholars for their publications in reputed journals and Conferences for the academic Year 2024-25

No of Publications	13
No of Conference Attended	08

### BoS /2025 /UG/ECE 9.5

Any other additional points with the permission of the chair.

The BoS members appreciated the Instructional Activities of every course.

Dr. P. Raja, Chairman, BoS and Head of Department, Electronics and Communication Engineering, concluded the meeting at 12.30 pm with vote of thanks.

**BoS /2025 /UG/ECE 9.2**

To discuss and approve the Syllabi for Seventh semester of the B.Tech – Electronics and Communication Engineering students under Regulations 2023.

- Professional Core Courses
- Professional Elective Courses

The members reviewed the syllabus of each course offered in Semester – VII under Regulations 2023 and gave the following suggestions.

**Semester - VII: Professional Core Courses**

Course Code	Course Name	Remarks
U23ECTC01	Internet of Things	<ul style="list-style-type: none"> <li>• Members insisted on reframing the syllabus to narrow down the course objectives instead of covering a wide range of topics. This will help students better understand the fundamentals of the respective course.</li> <li>• In Unit V, applications of IoT may be included, allowing students to grasp the basics before diving into complex real-world applications. This approach will help them connect theoretical concepts to practical use cases later in the course</li> </ul>
U23ECT713	RF and Microwave Communication	Detailed study of RF and microwave frequencies can be condensed or even removed in favor of focusing on the communication standards

***Updated Syllabus given in Annexure – I***

**The syllabus of each course offered in Semester VII was discussed in detail, and the members approved it with minor revisions.**

**BoS /2025 /UG/ECE 9.3**

To approve the modification in syllabi of the courses offered for B.Tech (Honors) in Electronics and Communication Engineering with specialization in “Internet of Things” under Regulations 2023

The course “Sensors Transducers Technology” offered in Semester -IV for Students opted for B.Tech Honors Degree is reviewed and appreciated about the content of the syllabi. Also, requested to execute experiments using simulation.

***Updated Syllabi given in Annexure –II***

**Noted and Approved**

**BoS /2025 /UG/ECE 9.4**

To apprise the assessment of the courses offered for B.Tech (Honors) in Electronics and Communication Engineering with specialization in “Internet of Things” under Regulations 2023

The members are reviewed the assessment process for the courses offered for B.Tech Honors Degree

**Reviewed and Approved**

**BoS /2025 /UG/ECE 9.5**

To approve the students registered for the B.Tech Honors / Minor Degree under Regulations

The details of the Students who are registered for B.Tech Honours/Minor degree offered in our Institution

Name of the Honours Degree Programme	Offering Department	Number of Students Registered
Internet of Things	ECE	47
Sensor Technology	ICE	5
Artificial Intelligence and Machine Learning	AIDS	1

*The registered Student Details are given in Annexure –II*

**Noted and Approved**

#### **BoS /2025 /UG/ECE 9.6**

To apprise the Measures for the improvement of the standards of teaching and research

- CO / PO attainment
- Events organized
- Publications – Papers and Patents
- Student Participation in various events
- MoUs Signed

The members are appreciated about

- the process involved in CO-PO attainment level
- More number of events organize by the Department
- Publications in more reputed Journals
- MoU signed with various Institution and Organizations

The Chairman discussed regarding the Industry Institute Interaction for the Department of Electronics and Communication Engineering in turn many Guest lectures had been initiated , MOUs signing had initiated with Internship offers to the students , Industrial Visits will be providing industrial exposure to the students

#### **BoS / PG / ECE 9.7 Any other additional points with the permission of the chair.**

Dr. P. Raja, Chairman – BoS and Head of Department, Electronics and Communication Engineering, concluded the meeting at 2.00 pm with vote of thanks.



**Dr. P. Raja**  
Chairperson – BoS



**Dr. M. Jagannath**  
Member - University Nominee

**Dr.J.Charles Pravin**  
Member – Academic Council Nominee

**Dr.V.J.K.Kishore Sonti,**  
Member – Academic Council Nominee

**Prof. R. Nakkeeran**  
Member – Subject Experts

**Er.R. Murali Srinivasan,**  
Member – Industry Nominee

**S. Krishnakumar**  
Member – Alumni Nominee

**Dr. C.A. Sathiyamoorthy**  
Member - Professor/ ECE

**Dr.A.Jayachitra,**  
Member - Professor/ ECE

**Dr. R. KURINJIMALAR**  
Member - Professor/ ECE

**Dr. J. PRADEEP**  
Member – Associate Professor/ ECE

**Dr.S.B.Lenin,**  
Member – Associate Professor/ ECE

**Dr.P.Arunagiri,**  
Member – Associate Professor/ ECE

**Dr.PremKumar.S,**  
Member – Associate Professor/ ECE

**Dr.N.Saranya,**  
Member – Assistant Professor/ ECE

**Dr.S.Dhivya,**  
Member – Assistant Professor/ ECE

**Dr.R.Vijayarani,**  
Member – Assistant Professor/ ECE

**Dr.Vankayala Chethan Prakash,**  
Member – Assistant Professor/ ECE

**Mrs.S.Jayanthi,**  
Member – Assistant Professor/ ECE

**Mrs.V.Logisvary,**  
Member – Assistant Professor/ ECE

**Mrs.P.Srividhya,**  
Member – Assistant Professor/ ECE

**Mr.M. Harikrishnan,**

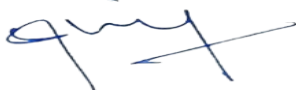
**Navaneethakrishnan.V.M**  
Member – Assistant Professor/ ECE



**Mr.P.Mahendra Peruman,**  
Member – Assistant Professor/ ECE



**Mr.S.Ganesan,**  
Member – Assistant Professor/ ECE



**Mr.S.Mohanram,**  
Member – Assistant Professor/ ECE



**Ms.R.Priya,**  
Member – Assistant Professor/ ECE



**Mrs. M.S. Vandhana,**  
Assistant Professor



**Mrs.T.S.Krishnapriya,**  
Member – Assistant Professor/ ECE



**Mrs.S.Anbarasi,**  
Member – Assistant Professor/ ECE



**Mrs.Kavitha.K,**  
Member – Assistant Professor/ ECE



**Ms. R. Arthy,**  
Assistant Professor

Member – Assistant Professor/ ECE



**Mrs.R.Gayathri,**  
Member – Assistant Professor/ ECE



**Mr.R.Kalaiyaran,**  
Member – Assistant Professor/ ECE



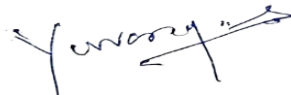
**Mr.K.Jambulingam,**  
Member – Assistant Professor/ ECE



**Ms.K.Archana,**  
Member – Assistant Professor/ ECE



**Mr.P. Suseendar,**  
Member – Assistant Professor/ ECE



**Mr.S.Yuvaraj,**  
Member – Assistant Professor/ ECE



**Mr.Sundar Mohan,**  
Member – Assistant Professor/ ECE



**Mrs.Tamilselvi D,**  
Member – Assistant Professor/ ECE



**Ms. A. Preetha,**  
Assistant Professor



**Mr. J. Dhanapathi**  
Member – Assistant Professor/ ECE



**Dr.T.Gayathri,**  
Invited Member – Professor/ Mathematics



**Dr.S.Savithri,**  
Invited Member – Professor/ Chemistry



**Dr.T.Jayavarthan,**  
Invited Member – Professor/ Physics



**Dr.P.Rajeswari,**  
Invited Member – Associate Professor/ English

