

Twelfth Board of Studies Meeting

Venue: The Jasmine Hall / Hybrid

Date: 31.05.2025

Meeting ID: 921 5491 4764

Time: 9.30 a.m.

Agenda:

To discuss and pass

1. Dissemination of Vision, Mission of the department and PEOs and PSOs of the programme
2. Discussion on the minutes of previous BoS meeting and action taken
3. Discussion on Stakeholders inputs on curriculum design under Regulations 2025
4. Discussion on curriculum and syllabi for the semesters I and II under Regulations 2025
5. Discussion on Service Course syllabus offered to other programs under Regulations 2025
6. Discussion on B.E. (Hons) / B.E. (Hons) and Minor degree with specialization
7. Proposal for Additional Credit Courses (MOOC, Industry offered courses and Value-added courses)
8. Discussion on Industrial training / Internship
9. Discussion on Capsule courses
10. Review and discussion of PO/PSO Targets
11. Any other matter brought by the chair

Members Present:

S.No	Name of the member with Designation	Category	Signature	
1.	Dr. K. Mohana Sundaram, Professor & HoD/EEE, KPRIET	Chairman		
2.	Dr. A. Ruby Meena Associate Professor, Department of Electrical and Electronics Engineering, Government College of Engineering, Dharmapuri - 636704	University Nominee		
3.	Dr. N. Selvaganesan Professor, Department of Avionics, Indian Institute of Space Science and Technology, Thiruvananthapuram - 695 547	Academic Expert-1		
4.	Dr. R. Jayabarathi Associate Professor, Vice Chairperson Department of Electrical and Electronics Engineering,	Academic Expert-2		

Department of Electrical and Electronics Engineering

KPR Institute of Engineering and Technology



	School of Engineering, Amrita Vishwa Vidyapeetham, Coimbatore - 641112		
5.	Mr. K. K. Jembu Kailas Lead SME, Electrical Engineering, College Connect, L&T Edutech, Chennai – 600040.	Industry Expert	} Attended online
6.	Dr.Ashok Kumar Thirunarayana Associate Director Collins Aerospace Bengaluru- 560 064	Special invites	
7.	Dr.C.Thanga Raj Professor Department of Water Resources Development and Management Indian Institute of Technology, Roorkee-247667	Special invites	
8.	Er. P. Prasanna Kumar (Alumnus-Batch: 2014) Technology Analyst, Infosys Technologies Limited, 138, Nedunchezian Salai, Sholinganallur, Chennai - 600119.	Alumnus	} Attended online
9.	Mrs Vandana Singhal, Professor / EEE	Professor of Practice	
10.	Dr. V. S. Chandrika, Professor/EEE	Faculty Member	chebe 21/5/25
11.	Dr. P. Pandiyan, AsP/EEE	Faculty Member	P. Pandiyan 21/5/25
12.	Dr. V. Parimala, AP/EEE	Faculty Member	VP 21/5/25
13.	Dr. C. Pazhanimuthu, AP/EEE	Faculty Member	C. Pazhanimuthu 21/5/25
14.	Dr. G. Saravanan, AP/EEE	Faculty Member	G. Saravanan 21/5/25
15.	Dr. I. Baranilingesan, AP/EEE	Faculty Member	I. Baranilingesan 21/5/25
16.	Dr. S. Ravindran, AP/EEE	Faculty Member	S. Ravindran 21/5/25
17.	Dr. T. Ramesh Kumar, AP/EEE	Faculty Member	T. Ramesh Kumar 21/5/25
18.	Dr. P. Ravikumar, AP/EEE	Faculty Member	P. Ravikumar 21/5/25
19.	Ms. B. Lalitha, AP/EEE	Faculty Member	B. Lalitha 21/5/25
20.	Ms. R. Revathi, AP/EEE	Faculty Member	R. Revathi 21/5/25
21.	Dr. A. Mohamed Ibrahim, AP/EEE	Faculty Member	A. Mohamed Ibrahim 21/5/25
22.	Mr. V. Kamalkumar, AP/EEE	Faculty	V. Kamalkumar 21/5/25

		Member	
23.	Mr. C. J. Vignesh, AP/EEE	Faculty Member	<i>C.J. Vignesh</i> 31/5/25
24.	Dr. C. Dinesh, AP/EEE	Faculty Member	<i>D. C. Dinesh</i> 31/5/25
25.	Mr. K. Balamurugan, AP/EEE	Faculty Member	<i>K. Balamurugan</i> 31/5/25
26.	Mr. M. Mohanasundaram, AP/EEE	Faculty Member	<i>M. Mohanasundaram</i> 31.5.25
27.	Mr. G. Xavier Richards, AP/EEE	Faculty Member	<i>G. Xavier Richards</i> 31/5/25
28.	Mr.A.Adhithya, III EEE	Student Member	<i>attend online meeting</i> My
29.	Ms.D.Pradakshina, III EEE	Student Member	<i>attend online meeting</i> My
30.	Mr. C. Karthick Raja, II EEE	Student Member	<i>attended online</i> Prath
31.	Ms.R.Kaniskaa, II EEE	Student Member	<i>attended online</i> Prath

Minutes of the 12th Meeting of the Board of Studies

The meeting started with the Chairman's welcome note to all the members of the Board of Studies.

Following points were discussed during the meeting.

- The Vision, Mission of the department, PEOs and PSOs were presented to the members.

VISION

To be a premier centre for quality education, innovation and research in the field of Electrical and Electronics Engineering to meet the global challenges with professional ethics and social consciousness.

MISSION

- ❖ Provide a holistic environment to students through knowledge-centric and skill-based education
- ❖ Collaborate with industries for effective research and innovation in Electrical Engineering and allied areas
- ❖ Enable students to serve the society through prolific ideas with professionalism and ethical values

PROGRAM EDUCATIONAL OBJECTIVES (PEOs):

The Graduates of B.E. Electrical and Electronics Engineering, four years after graduation, will

- PEO1: Apply the acquired knowledge and skills to meet the emerging needs of the society and also excel in their chosen profession
- PEO2: Adapt to emerging technologies and continuously upskill through active research in Electrical Engineering and allied areas
- PEO3: Demonstrate leadership skills and practice their profession conforming to ethical and human values

PROGRAM SPECIFIC OUTCOMES (PSOs)

The Graduates of B.E. Electrical and Electronics Engineering will be able to

- PSO1: Analyse, design and test power electronic components integrated with computer-based systems to meet industrial and societal needs
- PSO2: Deploy modern engineering tools to model, simulate, fabricate and integrate electrical systems with renewable energy to enhance sustainability

1. Action taken on the minutes of the 11th BoS meeting

The minutes of the 11th BoS meeting and the action taken there on are presented, discussed and approved.

S.No.	SUGGESTIONS	ACTION TAKEN
1.	BoS members encouraged the introduction of the Micro-Specialization course on "Motors for Engineering Applications " for the academic year 2024-25.	As per the suggestions, a Micro-Specialization course is introduced.
2.	Dr.A.Ruby Meena suggested to rename the special laboratory to the Electrical Application laboratory.	As per the suggestion course title is modified.

2. Stakeholders input on curriculum design

- Stakeholders' inputs were obtained during the Internal BoS Meeting held on 12/05/25 and the points are listed below.
 - The inputs received from the stakeholders through QIC, PAC and Internal BoS are presented to the members of BoS for further necessary action.

3. Discussion on curriculum and syllabi for the semesters I and II under Regulations 2025

- Discussed about the curriculum and syllabus in semester I, II under Regulation 2025 and approved by the BoS members.
- Dr. A. Ruby Meena discussed about **Calculus and Differential Equations** and **Mathematical Transforms** would provide more problem-solving practice as a theory course. Board Chairman deliberated that as per NEP 2020 above courses are framed as theory with laboratory course.
- Dr.Ashok Kumar suggested to introduce one elective or one credit course on Battery Technology.

4. Discussion on Service Course syllabus offered to other programs under Regulations 2025

- Discussed about the Service Course syllabus offered to other programs under Regulations 2025 and approved by the BoS members

5. Discussion on B.E. (Hons) / B.E. (Hons) and Minor degree with specialization

- Discussed the minor, honor and micro courses and approved by the BoS members.

6. Proposal for Additional Credit Courses (MOOC, Industry offered courses and Value added courses)

- Members of BoS approved all the MOOC/Online Courses, One Credit Courses, Value-Added Courses and Industry offered courses under R2021 (Revised), and Liberal arts courses.

7. Industrial training / Internship

BoS Members approved the list of 133 industries across PAN India recommended for in-plant training / internship.

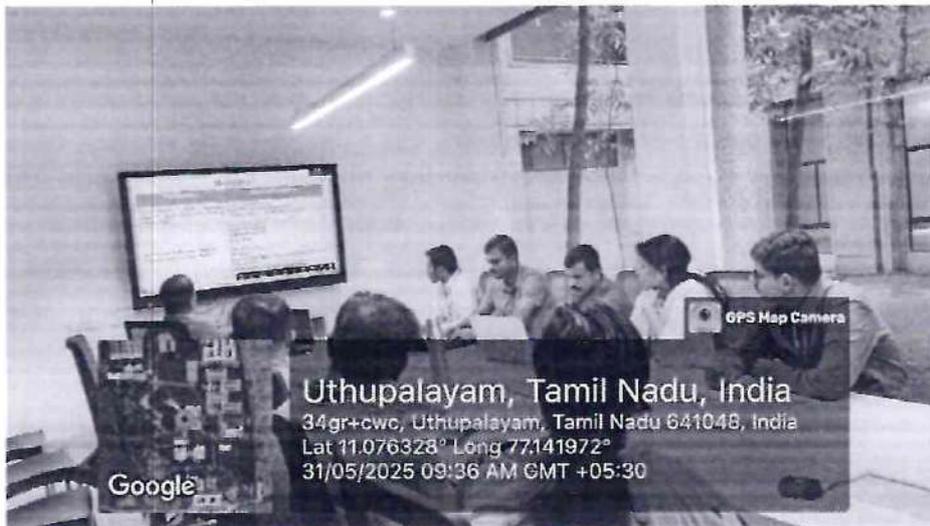
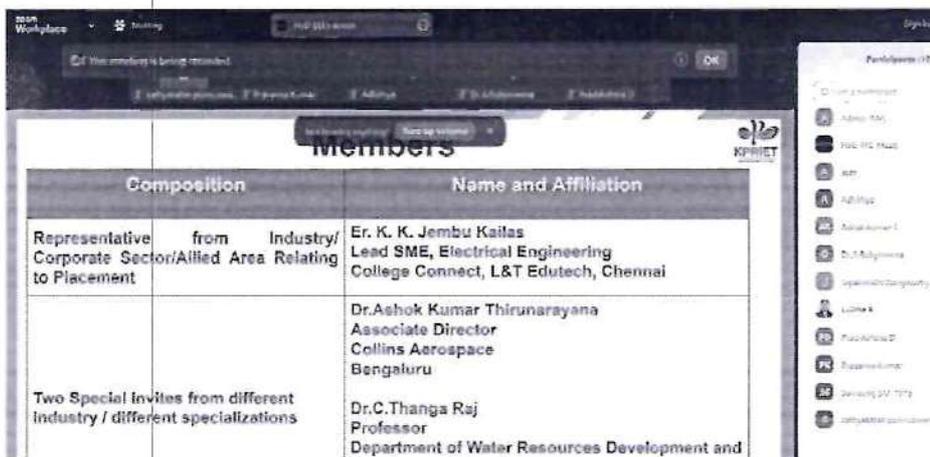
8. Discussion on Capsule courses

BoS Members approved the following capsule courses for the academic year 2025 – 2026.

S.No	Course Title	Offered by
1.	Energy Efficiency in Electrical Utilities	III & V
2.	Harmony on Nature and Society	III & V
3.	Data Science for Electrical and Electronics Engineers	IV & VI

9. Any Other Business

- The meeting came to an end with the thanks note by chairman

Composition	Name and Affiliation
Representative from Industry/ Corporate Sector/Allied Area Relating to Placement	Er. K. K. Jembu Kaitas Lead SME, Electrical Engineering College Connect, L&T Edutech, Chennai
Two Special Invites from different industry / different specializations	Dr.Ashok Kumar Thirunarayana Associate Director Collins Aerospace Bengaluru
	Dr.C.Thanga Raj Professor Department of Water Resources Development and

K. K. Jembu Kaitas
Chairman – BoS/EEE