Department of Electrical and Electronics Engineering

KPR Institute of Engineering and Technology

KPRIET
Learn Beyond

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	Attended online
4.	Dr. R. Jayabarathi Associate Professor, Vice Chairperson Department of Electrical and Electronics Engineering,	Academic Expert-2	

	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	
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	Attended online
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	
11.	Dr. P. Pandiyan, AsP/EEE	Faculty Member	
12.	Dr. V. Parimala, AsP/EEE	Faculty Member	
13.	Dr. C. Pazhanimuthu, AsP/EEE	Faculty Member	
14.	Dr. G. Saravanan, AP/EEE	Faculty Member	
15.	Dr. I. Baranilingesan, AP/EEE	Faculty Member	
16.	Dr. S. Ravindran, AP/EEE	Faculty Member	
17.	Dr. T. Ramesh Kumar, AP/EEE	Faculty Member	
18.	Dr. P. Ravikumar, AP/EEE	Faculty Member	
19.	Ms. B. Lalitha, AP/EEE	Faculty Member	
20.	Ms. R. Revathi, AP/EEE	Faculty Member	
21.	Dr. A. Mohamed Ibrahim, AP/EEE	Faculty Member	
22.	Mr. V. Kamalkumar, AP/EEE	Faculty	

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

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. The following points were discussed during the meeting.

1. **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

2. **Action taken on the minutes of the 11th BoS meeting**
    - The minutes of the 11th BoS meeting and the action taken thereon were presented, discussed and approved.

S. No.	SUGGESTIONS	ACTION TAKEN
1.	Dr. A. Ruby Meena suggested to rename the special laboratory as the Electrical Application Laboratory, so that the name reflects the application-oriented experiments carried out in it.	As per the suggestion, the laboratory title was modified.

3. **Discussion on Stakeholders' inputs on curriculum design under Regulations 2025**
    - Stakeholders' inputs were obtained during the Internal BoS Meeting held on 12/05/2025.
    - The inputs received from the stakeholders through QIC, PAC and the Internal BoS were presented to the members of BoS for further necessary action.
4. **Discussion on curriculum and syllabi for the semesters I and II under Regulations 2025**
    - The curriculum and syllabi for Semesters I and II under Regulations 2025 were discussed and approved by the BoS members.
    - Dr. A. Ruby Meena suggested that **Calculus and Differential Equations** and **Mathematical Transforms** be offered as theory courses, as this would provide more problem-solving practice**.** The Chairman explained that, as per NEP 2020, these courses are framed as theory courses with a laboratory component, and it was decided to provide additional problem-solving practice within the courses.
    - Dr. Ashok Kumar Thirunarayana suggested to introduce one elective course or one credit course on Battery Technology, in view of the growing demand for battery and energy storage skills. The suggestion was accepted for incorporation in the upcoming semesters.
5. **Discussion on Service Course syllabus offered to other programs under Regulations 2025**
    - The Service Course syllabus offered to other programs under Regulations 2025 was discussed and approved by the BoS members.
6. **Discussion on B.E. (Hons) / B.E. (Hons) and Minor degree with specialization**
    - The minor, honours and micro courses were discussed and approved by the BoS members.
7. **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 the Liberal Arts courses.

8. Industrial training / Internship

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

9. Discussion on Capsule courses

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

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

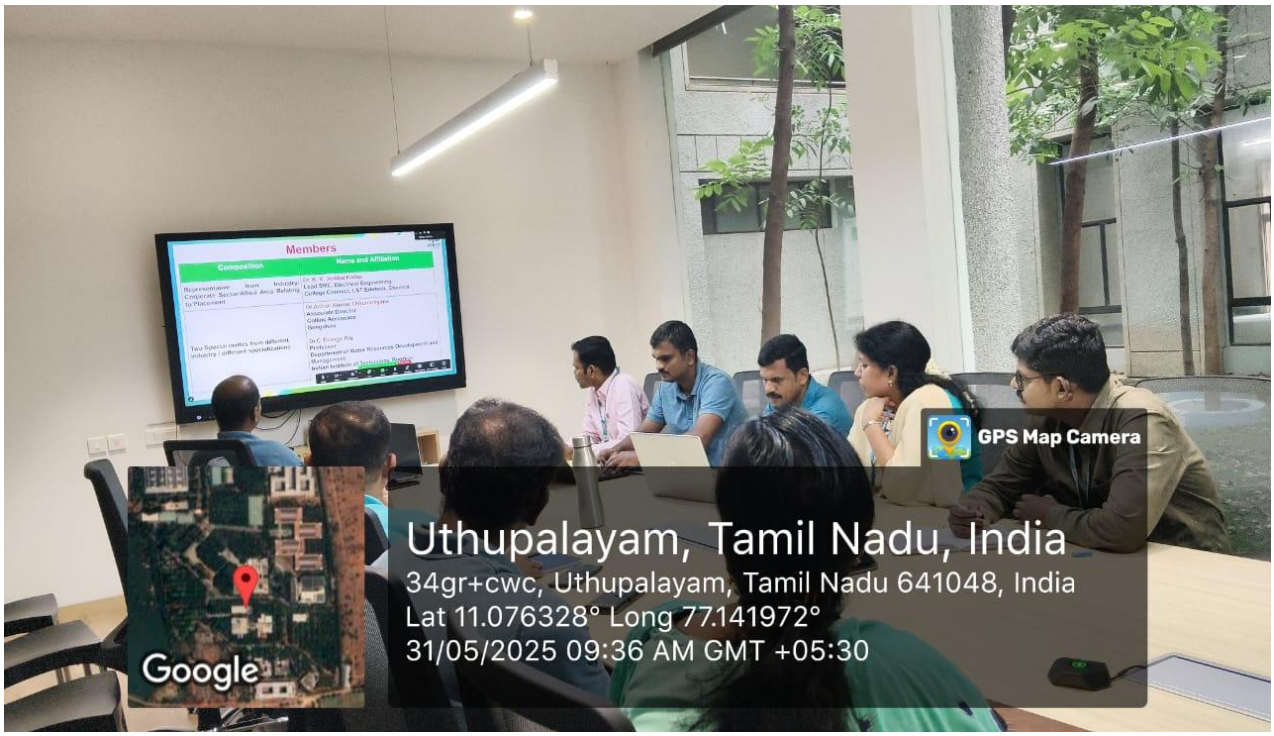
10. Review and discussion of PO/PSO Targets

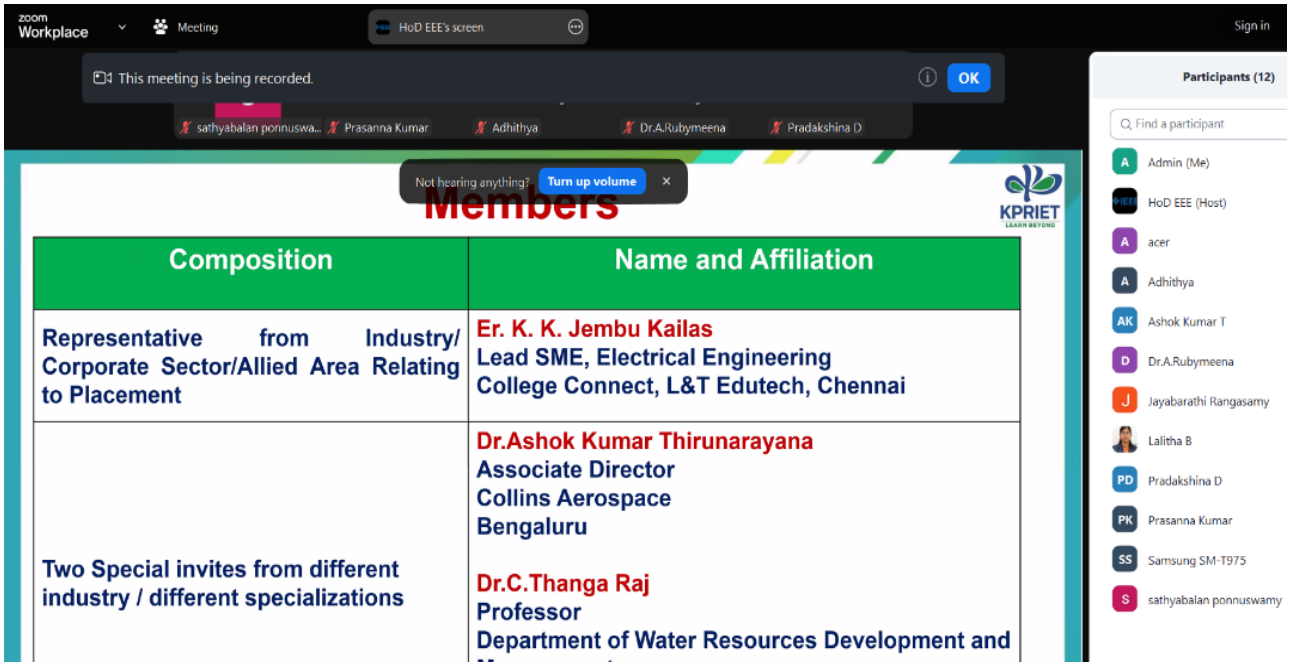
- The PO/PSO targets and their attainment in the department were reviewed by the BoS Members.

11. Any other matter brought by the Chair

- No other matter was brought up by the Chair for discussion.

The meeting came to an end with a vote of thanks by the Chairman.





Chairman – BoS/EEE