

**Tenth Board of Studies Meeting**

Venue: The – ~~Legend~~ Hall / Hybrid

Date: 09.05.2024

Meeting ID: 971 9049 6155



Time: 9.30 a.m.

**Agenda:**

To discuss and pass

1. Dissemination of Vision, Mission, PEOs and PSOs of the department
2. Discussion on the minutes of previous BoS meeting and action taken
3. Stakeholders inputs on curriculum design
4. Syllabi for VII and VIII Semester of UG program under Regulations 2021(Revised)
5. Syllabi of professional electives offered in different verticals under Regulations 2021 [Revised]
6. Discussion on B.E. (Hons) / B.E. (Hons), Minor and Micro with specialisation
7. Discussion on MOOC/Online courses, Industry offered courses and Value added courses
8. Courses to be offered for Ph.D. scholars
9. Industrial training / Internship
10. 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, Tamilnadu 636 704	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		

# Department of Electrical and Electronics Engineering

KPR Institute of Engineering and Technology



	School of Engineering, Amrita Vishwa Vidyapeetham, Coimbatore - 641112		
5.	Er. K. K. Jembu Kailas, Lead SME, Electrical Engineering, Electrical Engineering, College Connect, L&T Edutech, Chennai - 600040	Industry Expert	Attended online
6.	Er. P. Prasanna Kumar (Alumnus-Batch: 2014), Technology Analyst, Infosys Technologies Limited, Chennai - 600119	Alumnus	Attended 9/5/24
7.	Dr. V. S. Chandrika, Professor/EEE	Faculty Member	Attended 9/5/24
8.	Dr. P. Pandiyan, AsP/EEE	Faculty Member	P. Pandiyan 9/5/24
9.	Dr. A. Karthick, AsP/EEE	Faculty Member	Attended 9/5/24
10.	Dr. V. Parimala, AsP/EEE	Faculty Member	Attended 9/5/24
11.	Dr. C. Pazhanimuthu, AsP/EEE	Faculty Member	Attended 9/5/24
12.	Dr. G. Saravanan, AP/EEE	Faculty Member	G. Saravanan 9/5/24
13.	Dr. I. Baranilingesan, AP/EEE	Faculty Member	Attended 9/5/24
14.	Dr. S. Ravindran, AP/EEE	Faculty Member	Attended 9/5/24
15.	Dr. D. Sathish Kumar, AP/EEE	Faculty Member	Attended 9/5/24
16.	Dr. P. Naveen, AP/EEE	Faculty Member	Attended 9/5/24
17.	Dr. T. Ramesh Kumar, AP/EEE	Faculty Member	Attended 9/5/24
18.	Dr. P. Ravikumar, AP/EEE	Faculty Member	Attended 9/5/24
19.	Ms. B. Lalitha, AP/EEE	Faculty Member	Attended 9/5/24
20.	Ms. R. Revathi, AP/EEE	Faculty Member	Attended 9/5/24
21.	Dr. A. Mohamed Ibrahim, AP/EEE	Faculty Member	Attended 9/5/24
22.	Mr. V. Kamalkumar, AP/EEE	Faculty Member	Attended 9/5/24
23.	Mr. C. J. Vignesh, AP/EEE	Faculty Member	Attended 9/5/24


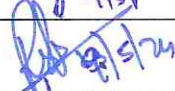
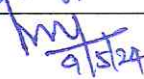


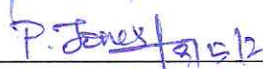
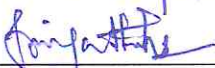

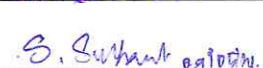
# Department of Electrical and Electronics Engineering

KPR Institute of Engineering and Technology



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24.	Mr. C. Dinesh, AP/EEE	Faculty Member	
25.	Dr. Rangu Seshu Kumar, AP/EEE	Faculty Member	
26.	Mr. K. Balamurugan, AP/EEE	Faculty Member	
27.	Mr. M. Mohanasundaram, AP/EEE	Faculty Member	
28.	Mr. G. Xavier Richards, AP/EEE	Faculty Member	
29.	Mr. P. Jones Barnabas, IV EEE A	Student Member	
30.	Ms. M. Priyadarshini, IV EEE B	Student Member	
31.	Ms. B. M. Abinandhana, III EEE A	Student Member	
32.	Mr. S. Sukant, III EEE B	Student Member	

## Minutes of the 10<sup>th</sup> 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.

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 9<sup>th</sup> BoS meeting

The minutes of the 9<sup>th</sup> BoS meeting and the action taken were presented, discussed and approved.

SI.No.	SUGGESTIONS	ACTION TAKEN
1.	Dr.A.Ruby Meena suggested that U21SSG02 Soft skills II credit shall be transferred to U21EE505	As per suggestion course credits were transferred.
2.	BoS Members suggested to retain the 8085 Processor in the syllabus for better understanding of basic process.	As per the BOS Members suggestion 8085 Processor in the syllabus is retained
3.	Dr R Jayabharathi suggested to change the course tilte charging infrastructure to EV Charging infrastructure	As per the suggestion course title is modified.

## 3. Stakeholders input on curriculum design

- Stakeholders' inputs were obtained during the Internal BoS Meeting 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.

## 4. Syllabi for VII and VIII Semester of UG program under Regulations 2021(Revised)

- Members of BoS reviewed the curriculum for VII to VIII semesters of UG program under Regulations 2021(Revised) and approved.

## 5. Syllabi of Professional Electives(PE) offered in six verticals under Regulations 2021 [Revised] were approved by the BoS members.

## 6. Discussion on B.E. (Hons) / B.E. (Hons), Minor and Micro with specialisation

- BoS members had a healthy discussion about the B.E. Hons and Minor with specialisation and encouraged the introduction of Micro-Specialization courses for academic year 2024-25 in which students shall earn additional of minimum 12 credits. Following are the list of courses approved by the BoS members for Micro-Specialization in **Motors for Engineering applications**.
  - i. Fundamentals of Electric Motors
  - ii. Basics of Motors Design
  - iii. Advanced Electric Motors
  - iv. Motor controllers for Engineering Application

**7. Discussion on MOOC/Online courses, Industry offered courses and Value added courses**

- Members of BoS approved all the MOOC/Online Courses, One Credit Courses and Value-Added Courses under R2021 (Revised), Liberal arts course for the academic year 2024-2025.

**8. Courses to be offered for Ph.D. Scholars**

- The courses to be offered for Ph.D. Scholars were reviewed and approved by the BoS Members.

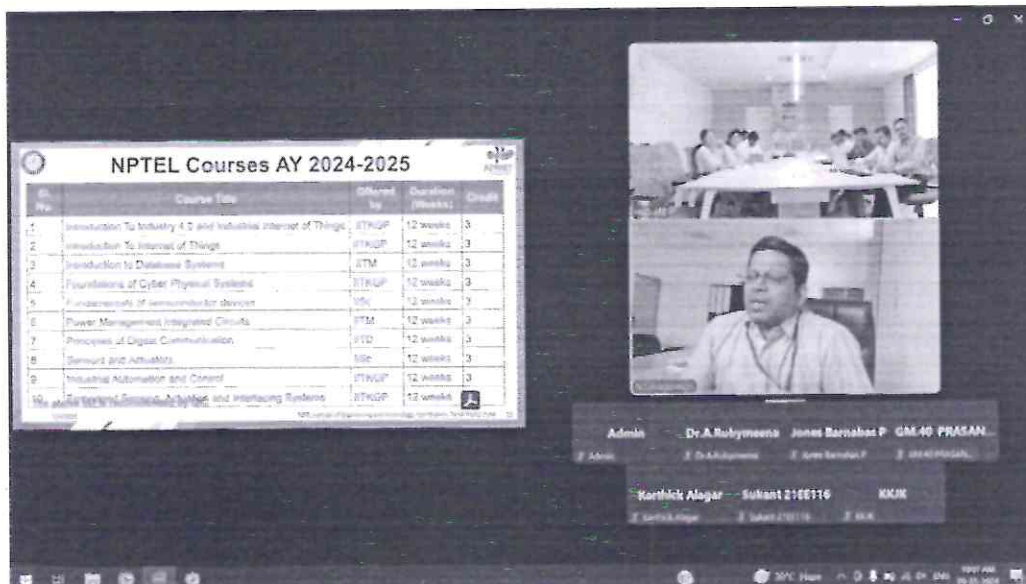
**9. Industrial Training / Internship**

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

**10. Any Other Matter**

- Prof.N.Selvaganesan raised question about the internship/industrial training and it was clarified that the internship/ Industrial training will be carried out between III and VI semester, while the credits will be earned during the VII semester.
- Dr.A.Ruby Meena suggested to rename the special laboratory to Electrical Application laboratory.

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



*K. J. H. M.*  
**Chairman – BoS/EEE**