Department of Electrical and Electronics Engineering

KPR Institute of Engineering and Technology

KPRIET
Learn Beyond

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	

	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	9/5/24
7.	Dr. V. S. Chandrika, Professor/EEE	Faculty Member	9/5/24
8.	Dr. P. Pandiyan, AsP/EEE	Faculty Member	P. Pandiyan 9/5/24
9.	Dr. A. Karthick, AsP/EEE	Faculty Member	9/5/24
10.	Dr. V. Parimala, AsP/EEE	Faculty Member	9/5/24
11.	Dr. C. Pazhanimuthu, AsP/EEE	Faculty Member	9/5/24
12.	Dr. G. Saravanan, AP/EEE	Faculty Member	G.Sa 9/5/24
13.	Dr. I. Baranilingesan, AP/EEE	Faculty Member	9/5/24
14.	Dr. S. Ravindran, AP/EEE	Faculty Member	9/5/24
15.	Dr. D. Sathish Kumar, AP/EEE	Faculty Member	9/5/24
16.	Dr. P. Naveen, AP/EEE	Faculty Member	9 May 2024
17.	Dr. T. Ramesh Kumar, AP/EEE	Faculty Member	9/5/24
18.	Dr. P. Ravikumar, AP/EEE	Faculty Member	9/5/24
19.	Ms. B. Lalitha, AP/EEE	Faculty Member	9/5/24
20.	Ms. R. Revathi, AP/EEE	Faculty Member	9/5/24
21.	Dr. A. Mohamed Ibrahim, AP/EEE	Faculty Member	9/5/24
22.	Mr. V. Kamalkumar, AP/EEE	Faculty Member	9/5/24
23.	Mr. C. J. Vignesh, AP/EEE	Faculty Member	9/5/24

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. Priyadharshini, 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 10th 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 9th BoS meeting

- The minutes of the 9th BoS meeting and the action taken thereon were presented, discussed and approved.

Sl.No.	SUGGESTIONS	ACTION TAKEN
1.	Dr. A. Ruby Meena suggested that the credit for U21SSG02 – Soft Skills – II be assigned as 1, so that the credit allocation remains consistent with the semester credit structure.	As per the suggestion, the course credit was assigned.
2.	BoS Members suggested to retain the 8085 processor in the syllabus of U21EE303, for a better understanding of basic processors.	As per the BoS Members' suggestion, the 8085 processor was retained in the syllabus.
3.	Dr. R. Jayabarathi suggested the course title "EV Standards and Testing" instead of "Standards and Testing", to make the title specific to electric vehicles.	As per the suggestion, the course title was modified.

3. Stakeholders' inputs on curriculum design

- Stakeholders' inputs were obtained during the Internal BoS Meeting.
- 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. Syllabi for VII and VIII Semesters of UG program under Regulations 2021 (Revised)

- Members of BoS reviewed the syllabi for VII and VIII Semesters of UG program under Regulations 2021 (Revised) and approved them.

5. Syllabi of professional electives offered in different verticals under Regulations 2021 (Revised)

- 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 specialization

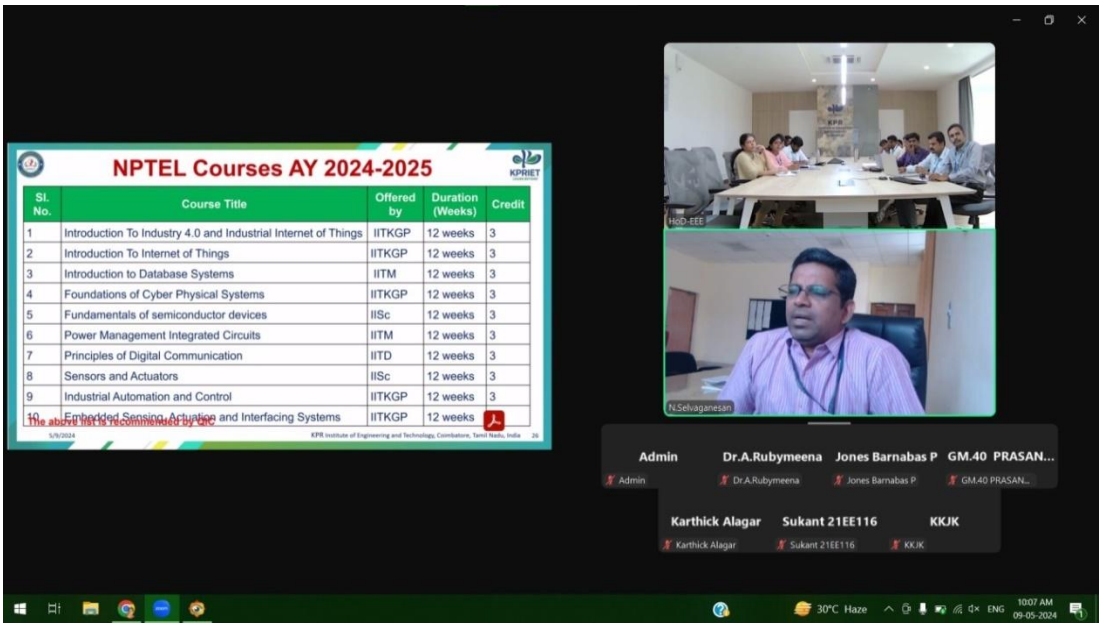
- BoS members discussed the B.E. (Hons) and Minor degrees with specialization and decided the following:
- Students shall earn an additional 18 credits in the same track for B.E. (Hons) with specialization.
- Students shall earn an additional 18 credits in the same track for the Minor degree in other department verticals.

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), and the Liberal Arts courses 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 brought by the Chair**
    - Dr. N. Selvaganesan raised a question about the internship / industrial training, and it was clarified that the internship / industrial training will be carried out between the III and VI semesters, while the credits will be earned during the VII semester.
    - 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.

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



Chairman – BoS/EEE