

22.11.2024

ELEVENTH BOARD OF STUDIES MEETING

Ref : KPRIET/EEE/AUT/BOS/Meeting 11/2024-2025/01

Date : 03/12/2024

Time : 09.30 am

Hybrid Mode: Daffodil

Zoom Details:

Meeting Link: <https://zoom.us/j/96183400179?pwd=LTqajRczvDzqhbvOGOPfbAScYfVNMP.1>

Meeting ID : 961 8340 0179

Password : KPRIET

AGENDA

1. Dissemination of Vision, Mission, PEOs and PSOs of the department
2. Discussion on the minutes of previous BoS meeting and action taken
3. Discussion on B.E. (Hons) / B.E. (Hons) and Minor degree with specialization
4. Proposed changes to Lab Experiments under Regulations 2021 (Revised)
5. Proposal for Additional Credit Courses (MOOC, Industry offered courses and Value added courses)
6. Discussion on Industrial training / Internship
7. Discussion on Capsule courses
8. Review and discussion of PO/PSO Targets
9. Approval of Examiners for question paper setting and valuation
10. Finalization of the Programme Exit Survey Questionnaire for the 2025 Batch.
11. Gathering inputs from members for Regulations 2025
12. Any other matter brought by the chair


HoD/EEE
22/11/24

22.11.2024

Eleventh Board of Studies Members List

S. No.	Composition of Board of Studies:	Name & Affiliation
1.	Head of the Department concerned (Chairman)	Dr. K. Mohana Sundaram, Professor & HoD/EEE
2.	The entire faculty of each specialization.	<ul style="list-style-type: none"> • Dr. V. S. Chandrika, Professor/EEE • Dr. P. Pandiyan, AsP/EEE • Dr. A. Karthick, AsP/EEE • Dr. C. Pazhanimuthu, AP(SL.G)/EEE • Dr. V. Parimala, AP(SL.G)/EEE • Dr. G. Saravanan, AP(SI.G)/EEE • Dr. I. Baranilingesan, AP(SI.G)/EEE • Dr. S. Ravindran, AP(SI.G)/EEE • Dr. P. Naveen, AP(SI.G)/EEE • Dr. T. Ramesh Kumar, AP(SI.G)/EEE • Dr. P. Ravikumar, AP(SI.G)/EEE • Ms. B. Lalitha, AP(Sr.G)/EEE • Ms. R. Revathi, AP(Sr.G)/EEE • Dr. A. Mohamed Ibrahim, AP(Sr.G)/EEE • Mr. V. Kamalkumar, AP(Sr.G)/EEE • Mr. C. J. Vignesh, AP(Sr.G)/EEE • Mr. C. Dinesh, AP(Sr.G)/EEE • Mr. K. Balamurugan, AP/EEE • Mr. M. Mohanasundaram, AP/EEE • Mr. G. Xavier Richards, AP/EEE
3.	Two subject experts from outside the Parent University to be nominated by the Academic Council.	<ul style="list-style-type: none"> • Dr. N. Selvaganesan Professor, Department of Avionics, Indian Institute of Space Science and Technology, Thiruvananthapuram - 695 547. email-id : n_selvag@iist.ac.in Mobile : 9446060698 • Dr. R. Jayabarathi Associate Professor, Vice Chairperson Department of Electrical and Electronics Engineering, School of Engineering, Amrita Vishwa Vidyapeetham, Coimbatore - 641112. email-id : r_jayabarathi@cb.amrita.edu

4.	One expert to be nominated by the Vice-Chancellor from a panel of six recommended by the college principal.	<p>Mobile : 9442401760</p> <ul style="list-style-type: none"> Dr. A. Ruby Meena Associate Professor, Department of Electrical and Electronics Engineering, Government College of Engineering, Dharmapuri - 636704. email-id : rubymeena77@gmail.com Mobile : 9486872678
5.	One representative from industry/corporate sector/allied area relating to placement.	<ul style="list-style-type: none"> Mr. K. K. Jembu Kailas Lead SME, Electrical Engineering, College Connect, L&T Edutech, Chennai – 600040. email-id : jembu.kk-ltc@Intecc.com Mobile : 9444398465
6.	One UG alumnus	<ul style="list-style-type: none"> Er. P. Prasanna Kumar (Alumnus-Batch: 2014) Technology Analyst, Infosys Technologies Limited, 138, Nedunchezian Salai, Sholinganallur, Chennai - 600119. email-id : prasanna.2349@gmail.com Mobile : 8489108549
7.	Professor of Practice	<ul style="list-style-type: none"> Vandana Singhal, Professor / EEE
8.	Current students – One PG and two UG students (meritorious and preferably from Final year or pre-final year)	<ul style="list-style-type: none"> Mr. P. Sandeepraaj, IV EEE B Ms. B. M. Abinandhana, IV EEE A Mr. P. Sarvesh III EEE Ms. B. Jaya Shalini, III EEE


HOD EEE

Eleventh Board of Studies Meeting

Venue: The Daffodil – Imperial Hall / Hybrid

Date: 03.12.2024

Meeting ID: 961 8340 0179

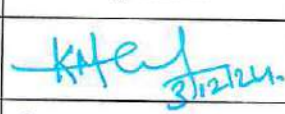
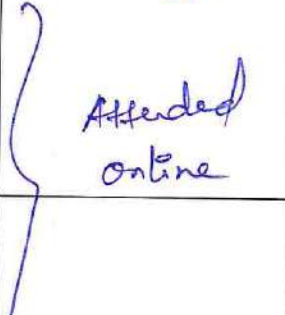
Time: 9.30 a.m.

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
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9. Approval of Examiners for question paper setting and valuation
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12. 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	 Attended online
3.	Dr. N. Selvaganesan Professor, Department of Avionics, Indian Institute of Space Science and	Academic Expert-1	

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	Technology, Thiruvananthapuram - 695 547		
4.	Dr. R. Jayabarathi Associate Professor, Vice Chairperson Department of Electrical and Electronics Engineering, School of Engineering, Amrita Vishwa Vidyapeetham, Coimbatore - 641112	Academic Expert-2	} Attended online
5.	Mr. K. K. Jembu Kailas Lead SME, Electrical Engineering, College Connect, L&T Edutech, Chennai - 600040.	Industry Expert	
6.	Er. P. Prasanna Kumar (Alumnus-Batch: 2014) Technology Analyst, Infosys Technologies Limited, 138, Nedunchezian Salai, Sholinganallur, Chennai - 600119.	Alumnus	
7.	Mrs Vandana Singhal, Professor / EEE	Professor of Practice	Vandana 03/12/2024
8.	Dr. V. S. Chandrika, Professor/EEE	Faculty Member	Chandrika 3/12/24
9.	Dr. P. Pandiyan, AsP/EEE	Faculty Member	P. Pandiyan 3/12/24
10.	Dr. A. Karthick, AsP/EEE	Faculty Member	A. Karthick 3/12/24
11.	Dr. V. Parimala, AsP/EEE	Faculty Member	V. Parimala 3/12/24
12.	Dr. C. Pazhanimuthu, AsP/EEE	Faculty Member	C. Pazhanimuthu 3/12/24
13.	Dr. G. Saravanan, AP/EEE	Faculty Member	G. Saravanan 3/12/24
14.	Dr. I. Baranilingesan, AP/EEE	Faculty Member	I. Baranilingesan 3/12/24
15.	Dr. S. Ravindran, AP/EEE	Faculty Member	S. Ravindran 3/12/24
16.	Dr. T. Ramesh Kumar, AP/EEE	Faculty Member	T. Ramesh Kumar 3/12/24
17.	Dr. P. Ravikumar, AP/EEE	Faculty Member	P. Ravikumar 3/12/24
18.	Ms. B. Lalitha, AP/EEE	Faculty Member	B. Lalitha 3/12/24
19.	Ms. R. Revathi, AP/EEE	Faculty Member	R. Revathi 3/12/24

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20.	Dr. A. Mohamed Ibrahim, AP/EEE	Faculty Member	Mohamed Ibrahim 3/12/24
21.	Mr. V. Kamalkumar, AP/EEE	Faculty Member	V. Kamal 3/12/24
22.	Mr. C. J. Vignesh, AP/EEE	Faculty Member	C. J. Vignesh 3/12/24
23.	Mr. C. Dinesh, AP/EEE	Faculty Member	C. Dinesh 3/12/24
24.	Mr. K. Balamurugan, AP/EEE	Faculty Member	K. Balamurugan 3/12/24
25.	Mr. M. Mohanasundaram, AP/EEE	Faculty Member	M. Mohanasundaram 3/12/24
26.	Mr. G. Xavier Richards, AP/EEE	Faculty Member	G. Xavier Richards 3/12/24
27.	Mr. P. Sandeepraaj, IV EEE B	Student Member	} Attended online.
28.	Ms. B. M. Abinandhana, IV EEE A	Student Member	
29.	Mr. P. Sarvesh III EEE	Student Member	
30.	Ms. B. Jaya Shalini, III EEE	Student Member	

Minutes of the 11th 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 10th BoS meeting

The minutes of the 10th BoS meeting and the action taken there on are presented, discussed and approved.

Sl.No.	SUGGESTIONS	ACTION TAKEN
1.	BoS members suggested the implementation of the Micro-Specialization course "Motors for Engineering Applications" in the academic year 2024-25.	As per the suggestions, a Micro-Specialization course is introduced.
2.	Dr.A.Ruby Meena suggested renaming the special laboratory to the Electrical Application laboratory.	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. Discussion on B.E. (Hons) / B.E. (Hons) and Minor degree with specialization

- Discussed the AI for Embedded System minor course and approved by the BoS members

5. Proposed changes to Lab Experiments under Regulations 2021 (Revised)

SlNo	Proposed Lab	Experiments
1	U21EE404 - Electrical Machines Laboratory – II	1. Design and simulation of Induction motor 2. Speed control of Induction motor using VFD 3. Externally excited synchronous machine

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 and Value-Added Courses under R2021(Revised), Liberal arts course

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

Sl. 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. Review and discussion of PO/PSO Targets

- Reviewed the PO/PSO target and its attained in the department

10. Approval of Examiners for question paper setting and valuation

- BoS Members approved the Examiners for question paper setting and valuation

11. Finalization of the Programme Exit Survey Questionnaire for the 2025 Batch.

- BoS members approved the Programme Exit Survey Questionnaire for the 2025 Batch.

12. Gathering inputs from members for Regulations 2025

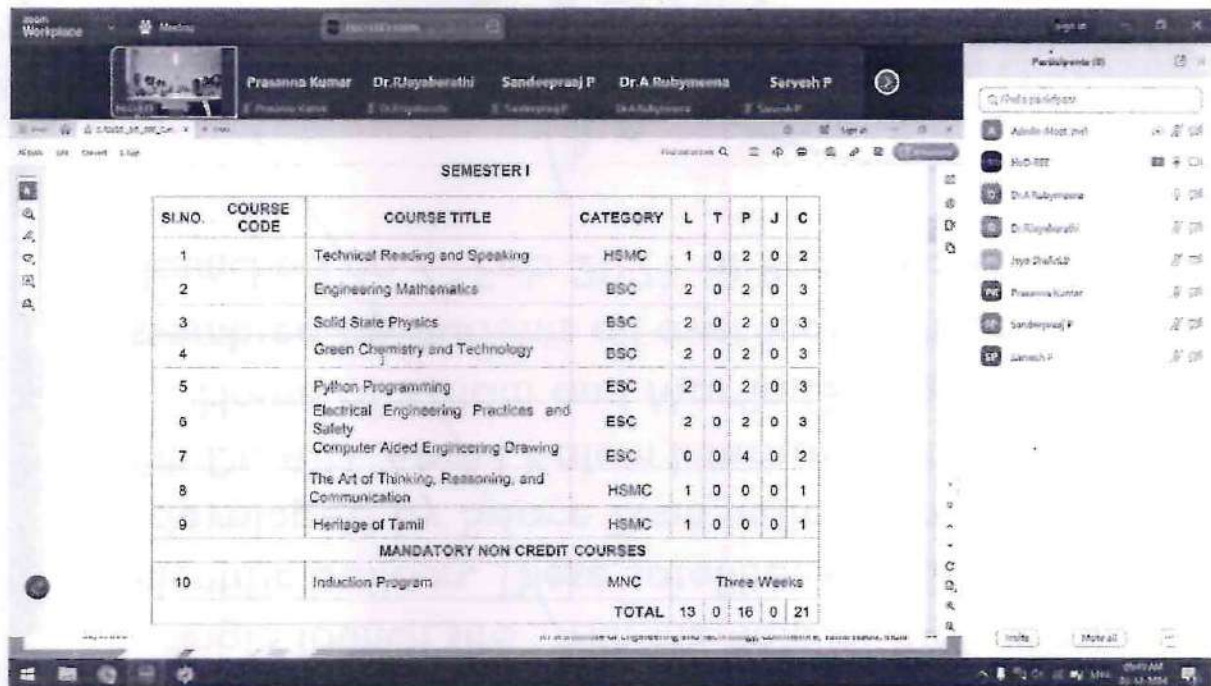
- Bos Member suggested core subject lab should be separate lab in the Regulation 2025. The credit should be equivalent to AICTE suggested credits

13. Any Other Business

- BoS Members reviewed the feedback from students on the course for ensuring the evaluation, effectiveness, and quality of the course.

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





SEMESTER I										
Sl.NO.	COURSE CODE	COURSE TITLE	CATEGORY	L	T	P	J	C		
1		Technical Reading and Speaking	HSMC	1	0	2	0	2		
2		Engineering Mathematics	BSC	2	0	2	0	3		
3		Solid State Physics	BSC	2	0	2	0	3		
4		Green Chemistry and Technology	BSC	2	0	2	0	3		
5		Python Programming	ESC	2	0	2	0	3		
6		Electrical Engineering Practices and Safety	ESC	2	0	2	0	3		
7		Computer Aided Engineering Drawing	ESC	0	0	4	0	2		
8		The Art of Thinking, Reasoning, and Communication	HSMC	1	0	0	0	1		
9		Heritage of Tamil	HSMC	1	0	0	0	1		
MANDATORY NON CREDIT COURSES										
10		Induction Program	MNC	Three Weeks						
TOTAL				13	0	16	0	21		

-S/d-

Chairman – BoS/EEE