

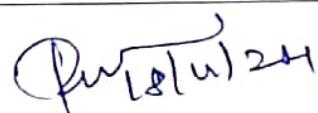


DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Attendance sheet of Board of Studies Meeting

The fifth Board of Studies (BOS) meeting of the Department of Electrical and Electronics Engineering was conducted on 18-11-2024 in Board room, D block, SXCCE at 09.30 a.m. Following members were present.

External Members:

Sl.No.	Faculty Name	Signature
1	Dr.V.Suresh Kumar, Professor, Department of EEE Thiagarajar College of Engineering Madurai.	 18/11/2024
2	Dr. G. Saravanan Professor, EEE, Department National Institute of Technology Trichy-620 015	Online
3	Dr.S.Solai Manohar, Professor/EEE, CMR Institute of Technology Bangalore -560037	Online
4	Er. S. Emil Jeba Singh, Assistant Executive Engineer, APDRP central office TANGEDCO, Parvathipuram Kanyakumari Electricity Distribution circle.	 18/11/24
5	Er. P.Merlin Kumar Senior Executive Engineer (Electrical) Nuclear Power Corporation of India, Koodankulam.	 18/11/24



Internal Members:

SL.No.	Faculty Name	Signature
1	Dr. S.V. Kayalvizhi, HOD & Chairman of BOS	
2	Dr. M. Marsaline Beno, Dean Research, Professor/EEE	
3	Dr. J. Merry Geisa, Asso. Professor/EEE	
4	Dr. A. Darwin Jose Raju, Asso. Professor/EEE	-
5	Dr. M. Germin Nisha, Asso. Professor/EEE	
6	Dr. M. John Bosco, A-HOD, Asst. Professor/EEE	
7	Mr. Almond D'Souza, Asst. Professor/EEE	-
8	Dr. S.S. Selva Pradeep, Asst. Professor/EEE	-
9	Mrs. P. Suji Garland, Asst. Professor/EEE	
10	Dr. Jain B. Marshel, Asst. Professor/EEE	
11	Mr. M. Abragam Siyon Sing, Asst. Professor/EEE	
12	Dr. V. Jesus Bobin, Asst. Professor/EEE	
13	Dr. J. Leon Bosco Raj, Asst. Professor/EEE	
14	Mrs. S. Shiny, Asst. Professor/EEE	

Special Invitees:

SL.No.	Faculty Name	Signature
1	Dr. S. Godwin SELVA JUSTUS CORRESPONDENT	
2	Dr. J. MAHESWARAN PRINCIPAL	
3	Dr. R. P. ANTO KONNAT Dean(Academic)	
4	Ms. Hemley Mol. A.S. (Internal Placement Trainer)	
5	Mr. S. RONALD RYGRAN (Coding Trainer)	

Dr. S.V. KAYALVIZHI
HOD & Chairman of BOS

**Faculty of Electrical Engineering
Department of Electrical and Electronics Engineering
Fifth Board of Studies Meeting**

Mode : Hybrid
Date & Time : 18th November 2024 at 09.30 A.M – 12.30 P.M
Venue : Board room, D block

Agenda

Prayer

Welcome Address

- ❖ 05.01: Confirmation of fourth BoS meeting minutes and Decision/Action Taken report.
- ❖ 05.02: Discussion on the Suggestions / Recommendations offered by the members in the IV Academic Council meeting and the IV Governing Body meeting.
- ❖ 05.03: Presentation of the proposed curriculum and getting recommendation for approval for the seventh and Eighth semester courses, outcomes and open elective II and III courses detailed draft syllabi of UG Programmes for regulation 2022.
- ❖ 05.04: Discussion on Nptel courses for ratification.
- ❖ 05.05: Other matters if any

Vote of Thanks

Members Present : Enclosed

MINUTES OF THE MEETING

The fifth Board of Studies meeting started with a prayer. Dr.M.Marsaline Beno, Professor of Department of Electrical and Electronics Engineering welcomed the external and the internal members. The Principal Dr.J.Maheswaran gave an introductory talk. The Chairman Dr.S.V.Kayalvizhi presented the fourth Board of studies meeting minutes and decision/action taken report followed by discussion on the suggestions / recommendations offered by the members fourth Governing Body meeting. Also presented the proposed curriculum and getting recommendation for approval for the Seventh, Eighth semester courses, open elective II and III courses, course outcomes and detailed draft syllabi of UG Programmes for regulation 2022, followed by discussion on Nptel courses taken by students for ratification. The details are given below

❖ 05.01: Confirmation of fourth BoS meeting minutes and Decision/Action Taken report.

Sl.No	Recommendation/Suggestion of members during fourth BoS meeting	Action taken	Remarks
1	<p>EE22601 Power Systems – Operation, Control and Protection This course can be splitted into two courses.</p> <p>The first course may be “Protection and switch Gear” and it can be kept as one of the core course of sixth semester.</p> <p>The second course may be “Power Systems Operation and Control” and it can be grouped under the Professional Elective vertical Power engineering.</p>	<p>EE22601 Power Systems – Operation, Control and Protection course is splitted into two courses.</p> <p>The first course is “Protection and switch Gear” and it is kept as one of the core course of sixth semester.</p> <p>The second course is “Power Systems Operation and Control” and it is grouped under the Professional Elective vertical Power engineering.</p>	Confirmed
2	<p>EE22602 Microprocessor and Embedded Systems</p> <p>This course can be changed as “Microcontroller and Embedded systems” and contents related to Microcontroller can be added instead of Microprocessor.</p>	<p>EE22602 Microprocessor and Embedded Systems course is changed as “Microcontroller and Embedded systems” and contents related to Microcontroller is added instead of Microprocessor.</p>	Confirmed
3	<p>EE22603 Microprocessor and Embedded Systems Laboratory</p> <p>This course can be changed as “Microcontroller and Embedded systems Laboratory” and experiments related to Microcontroller can be added instead of Microprocessor experiments.</p>	<p>EE22603 Microprocessor and Embedded Systems Laboratory course is changed as “Microcontroller and Embedded systems Laboratory” and experiments related to Microcontroller is added instead of Microprocessor experiments.</p>	Confirmed
4	<p>EE22681 Electric Power Generation</p> <p>a. In unit II types of reactors can be added.</p> <p>b. In unit V for Bio energy and Fuel</p>	<p>a. In unit II types of reactors is added.</p> <p>b. In unit V for Bio energy and Fuel cells: the topics is reframed as Principle of</p>	Confirmed

	cells: the topics can be reframed as Principle of working and types.	working and types of Geo thermal power plant, Bio Gas plant, Fuel cells, Ocean Thermal Energy Conversion(OTEC) system, Tidal and wave energy.	
5	EE22682 Electric Vehicle EE22682 Electric Vehicle course can be changed as a theory cum practical course. Necessary modifications in syllabus need to be incorporated	EE22682 Electric Vehicle course is changed as a theory cum practical course. Necessary modifications in syllabus is incorporated	Confirmed

- ❖ 05.02:Discussion on the Suggestions / Recommendations offered by the members in the IV Academic Council meeting and the IV Governing Body meeting.

The fourth Academic Council meeting of St. Xavier's Catholic College of Engineering was conducted on 13-07-2024(Saturday) at 10:00 am at Einstein Hall. Committee accepted the modifications incorporated in the syllabus as per the recommendations of the Board of studies members.

- ❖ 05.03:Presentation of the proposed curriculum and getting recommendation for approval for the seventh and Eight semester courses, outcomes and open elective II and III courses detailed draft syllabi of UG Programmes for regulation 2022.

The chairman presented the newly framed 2022 draft curriculum and syllabus for 7th, 8th Semester of B.E Electrical and Electronics Engineering and open elective II,III courses which are offered to other UG programmes. Then the proposed curriculum and courses which are offered to other UG programmes. Then the proposed curriculum and syllabus was reviewed by the Board of Studies members and they recommended the following suggestions.

Sl.No	Course code and name	Suggestions/Recommendations by the members during the fifth BOS meeting
1	EE22781 Electrical Safety	Unit III – Study of hot line safety equipment shall be included Unit IV – High frequency system grounding shall be included, Earth Leakage Circuit Breakers operation and advantages shall be included.

2	EE22782 Electrical Wiring and Lighting	Unit I – Types of cables, selection of wires and cables, cable rating shall be included Unit III – Syllabus seems like residential wiring – all residential aspects shall be changed to industrial aspects, Cable layout, feeder selection, Cable trays shall be included Unit V – Keep only history about old lamp types and include more on latest lamps, especially LED
3	EE22783 Energy Conservation	Unit II – Title shall be changed to Energy conservation in thermal utilities. Unit IV- Include full form of HVAC, avoid short forms.
4	EE22784 Smart Grid	Unit IV – Introduction to SCADA shall be included Unit V – Introduction to power electronic converters shall be included

After offering the above suggestions and recommendations, the Board of Studies members recommended and forwarded the UG curriculum and syllabus for 7th, 8th Semester and open elective II,III courses.

❖ 05.04:Discussion on Nptel courses for ratification.

Sl. No.	Name	Semester	Title of NPTEL Course	Credit transfer course
1	S.H.Aarthika	Fifth	Smart Grid: Basics to advanced technologies	EE22642 Electrical Drives
2	Sowmiya.M			
3	P.Ashini Jenisha			
4	M.Ashmi			
5	A.K.Ashika Jobin			

Chairman presented the students pursuing Nptel courses and the Board of Studies members recommended for ratification of the courses.

04.05.Other matters if any.

The chairman presented that the course code and title of skill development course SD22701 Coding Skills, Logical Reasoning and Quantitative Aptitude Training -Phase II in the seventh semester need to be changed as SD22702 Coding Skills and Quantitative

Aptitude -Phase II since this course will be offered separately for circuit branches. The Board of Studies members recommended for ratification of the change in the course code and title.

While concluding the meeting, the Dean of Academics Dr.R.P.Anto Kumar acknowledged the contribution of the expert members through their valuable suggestions during the discussions throughout the meeting. Finally the Chairman thanked all the members of the Board of Studies and the meeting ended at 12:30p.m.

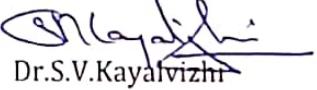

Dr. V. Suresh Kumar
(Anna University Nominee)


Dr. G. Saravana Ilango
(Academic Expert)


Dr. S. Solai Manohar
(Academic Expert)


Er. S. Emil Jeba Singh
(Industry Expert)


Er. P. Merlin Kumar
(Alumnus)


Dr. S. V. Kayalvizhi
(H.O.D EEE)


Dr. R. P. Anto Kumar
(Academic Dean)


Dr. J. Maheswaran
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Prof. Dr. R. P. ANTO KUMAR, M.E., Ph.D.,
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Member Secretary (Academic Council)
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