

Department of Electrical and Electronics Engineering
Francis Xavier Engineering College, Vannarpettai, Tirunelveli – 627 003
(An Autonomous Institution - Affiliated to Anna University, Chennai)
www.francisxavier.ac.in

4th Board of Studies Meeting in the Department of Electrical and Electronics Engineering

Mode: Through Online (**Meeting Link: <https://meet.google.com/spr-zgvd-htt>**)

Venue: EEE Department Faculty Room

Date & Time: 12.01.2021 & 11.00 am

AGENDA

BoS / EEE 4.1: Welcome address and Opening Remarks by Chairman, Board of studies in the Department of Electrical and Electronics Engineering.

BoS / EEE 4.2: Confirmation of the Minutes of the 3rd meeting of Board of studies in the department of Electrical and Electronics Engineering held on 31st July 2020 and Action taken report of 3rd meeting of Board of studies.

BoS / EEE 4.3: Business brought forward by the Chairman, Board of Studies

4.3.1. Review of 3rd BoS meeting minutes

4.3.2. Interchange of Elective Courses for UG

4.3.3. To Introduce additional Course objectives and Course outcomes

4.3.4. Introduction of Major/Minor Courses

4.3.5 Review of PG Courses curriculum and syllabi

BoS / EEE 4.4: Suggestions given by the BOS Members

BoS / EEE 4.5: Any other items for discussion

Department of Electrical and Electronics Engineering
MINUTES OF THE MEETING

The 4th Meeting of the Board of studies of the Electrical and Electronics Engineering was held on 12th January 2021 at 11.00am through online.

The following members were present:

1. Dr.J.Jasper Gnana Chandran Prof & Head Chairman BoS.
2. Dr.P.Maruthupandi, Assistant Professor (Sr. Grade), EEE, GCT, Coimbatore-University Nominee.
3. Dr.M.Ramaswamy, Professor, EEE, Annamalai University-Academic Expert.
4. Dr. V. Agnes Idhaya Selvi, Professor, EEE, Kalasalingam University-Academic Expert.
5. Mr.A.Kannan, Senior Manager, Seshasayee Paper and Boards Ltd, Tirunelveli-Industrial Expert.
6. Mr.M.Gengaraj, Assistant Professor, EEE, National Engineering College- Alumni Member
7. Dr.P.Annapandi-Internal Member
8. Dr.A.Gnanasarvanan-Internal Member
9. Mr.J.Daniel Sathyaraj-Internal Member
10. Mr.J.Antony Robinson-Internal Member
11. Mr.N.B.Rajesh -Internal Member
12. Dr.U.Muthuraman-Internal Member
13. Mr.V.Vignesh Arumugam-Internal Member
14. Mr.S.Selvakumar-Internal Member
15. Mr.N.V.Selvam-Internal Member
16. Mr.N.Subramanian-Internal Member
17. Mrs.R.Aandal-Internal Member
18. Mrs.N.S.Pratheeba-Internal Member
19. Mrs.A.Amala Manuela-Internal Member
20. Mrs.S.Karpagavalli-Internal Member

Members Absent

1. Mrs.R.Banumathi- Internal member
She could not attend the meeting due to her prior commitments and unavoidable reasons and were granted leave of absence.

Board of Studies Meeting started with a prayer by Professor Mr.J.Daniel Sathyaraj.

BoS / EEE 4.1: Welcome Address and Opening Remarks by Chairman, Board of Studies in the Department of Electrical and Electronics Engineering

The Chairman, BOS of the Electrical and Electronics Engineering welcomed and introduced the members of 4th Board of Studies and thanked each of them for sparing their valuable time to attend the meeting.

BoS / EEE 4.2: To confirm the Minutes of Third BoS Meeting held on 31st July, 2020
 The minutes of the Third Board of Studies meeting held on 31st July 2020 were communicated to the members. The comments received have been incorporated and placed for confirmation. The same was approved by the 3rd Academic Council.

Annexure I: Action Taken Report

BoS / EEE 4.3.1: Review of 3rd BoS meeting minutes

Dr.J.JasperGnanaChandran presented the credit distribution and changes carried out in Regulation 2019 Syllabus based on the recommendations given in third BoS meeting.

Course Code and Course Name	Recommendations given by BOS Members during previous meeting	Action Taken
19EE5701 - Design of Electrical Apparatus (V Sem – PE-I)	The committee recommended to interchange Unit-II and Unit-III in the syllabus	Correction carried out
19EE5702-Advanced Control Theory (V Sem – PE-I)	The committee recommended to change the course title as “Advanced Control Theory” instead of “Advanced Control System”	Correction carried out
19EE5703-Digital Signal Processing and Processors (V Sem – PE-I)	The committee recommended to change the course title as as “Digital Signal Processing and Processors” instead of “Digital Signal Processing”	Correction carried out
19EE5712- Fuel Cell and Hydrogen Energy (V Sem – PE-III)	In the course”Fuel Cell and Hydrogen Energy”, the Unit-II title named as fuel cell basics must be changed into Basics of fuel cell	Correction carried out
19EE7701- Protection and Switch Gear (VII Sem – PE-VII)	The committee recommended to shift the Elective Course “Protection and Switch Gear” from Semester VI (PE-VI) to semester VII (PE-VII)	Correction carried out
19EE7704- Power Systems Stability (VII Sem – PE-VII)	The committee recommended to shift the Elective Course “Power Systems Stability” from Semester VI (PE-VI) to semester VII (PE-VII)	Correction carried out
19EE7707-Electric Energy Utilization and Conservation (VII Sem – PE-VIII)	The committee recommended to add " Electric Energy Utilization and Conservation" as PE-VIII in semester-VII	Correction carried out
19EE7709- Power Systems Transients (VII Sem – PE-VIII)	The committee recommended to shift the Elective Course “Power Systems Transients” from Semester V (PE-III) to semester VII (PE-VIII)	Correction carried out
19EE7710- Distributed Generation and Micro	The committee recommended to interchange Unit-IV and Unit-V in the course “Distribution Generation and Micro Grid ”	Correction carried out

Grid (VII Sem – PE-VIII)		
19EE7801 - Operation and Maintenance of Electrical Equipment (VII Sem – OE-III)	The committee recommended to add “Operation and Maintenance of Electrical Equipment” as OE-III in semester-VII	Correction carried out

BoS / EEE 4.3.2: To Confirm and Approve the Interchange of Elective Courses.

The Board Chairman presented the changes that can be carried out in the professional and open elective courses based on the recommendations given by the faculty members. In this regard the Board Chairman requested the BoS members to give their suggestions. The following suggestions were given by the BoS members.

Course Code and Course Name	Details of the subject in the present curriculum	Suggestion for modification in the curriculum	Recommendations given by BOS Members
19EE5704 – Very Large Scale Integrated Circuits	Professional Elective – I (V Sem) to Professional Elective – VII (VII Sem)	Since the students studied Microprocessors, Microcontrollers and Embedded Systems in V semester and VI semester In order to get design knowledge, it is suggested to shift the subject from PE-I to PE-VII which will be taken by the students in VII semester	Accepted
19EE6709 – Electrical and Hybrid Vehicles	Professional Elective –V (V Sem) to Professional Elective – IX (VIII Sem) It is suggested to change the course name as Electric and Hybrid Vehicles	Since the students studied Power Electronics in V semester. Moreover the students should have knowledge on Special Electrical Machines. It is suggested to shift the subject from PE-V to PE-IX which will be taken by the students in VIII semester	Suggested to have this course in VII semester, the chairman replied that the students are studying special electrical machines in 7th semester only. So we can't have this course in 7th semester, the BoS members satisfied by the justification and accepted.
19EE6714 – Virtual	Professional Elective –VI	Since the students studied Measurement &	Accepted

Instrumentation	(VI Sem) to Professional Elective – I (V Sem)	Instrumentation in IV semester. In order to get continuity, it is suggested to shift the subject from PE-VI to PE-I which will be taken by the students in V semester	
19EE7703 – Microcontroller Based System Design	Professional Elective –VII (VII Sem) to Professional Elective – VI (VI Sem)	Since the students studied Microprocessors, Microcontrollers in V semester. In order to get sound knowledge on design and programming, it is suggested to shift the subject from PE-VII to PE-VI which will be taken by the students in VI semester	Accepted
19EE8704 – PLC & SCADA	Professional Elective – IX (VIII Sem) to Open Elective –II (VI Sem)	Since the subject is common for all domain. In order to get exposure in automation, it is suggested to shift the subject from PE-IX to OE-II which will be taken by the students in VI semester by all department excluding EEE	The BoS members gave suggestions to include this course in both Professional elective & Open Elective with the slight change in course name and content.
19EE6804 – Electrical Safety	Open Elective –II (VI Sem) to Professional Elective – V (VI Sem)	To give the Industrial exposure to the students, it is suggested to shift the subject from OE-II to PE-V which will be taken by the students in VI semester	The BoS members gave suggestions to include this course in both Professional elective & Open Elective with the slight change in course name and content.

BoS / EEE 4.3.3: To Confirm and Approve to Introduce Additional Course Objectives and Outcomes.

The Board chairman stated that, at present 5 Course objectives and 5 Course outcomes are included in the curriculum of UG for each course. It was suggested to have more than 5 numbers course objectives and outcomes. The suggestion gave by the Board chairman was accepted by the BoS members.

BoS / EEE 4.3.4: To Confirm and Approve the Introduction of Major/Minor Courses.

It is decided to introduce the following two major and minor courses from the Academic year 2021-2022 from IIIrd Semester onwards as optional courses for EEE and other department students with 18 credits. It is also suggested the students admitted in 2019 -2020 can also opt this course in the 5th semester onwards in which the students have to take 2 courses in the 5th and 6th semester

- Industrial Automation
- Smart Hybrid Vehicles

The BoS members accepted to introduce the courses with the approval Academic council members and Dr.P.Maruthupandi suggested to make an amendment in the Regulation 2019.

BoS / EEE 4.3.5: To Confirm and Approve the Review of PG Courses Curriculum and Syllabi

The Board Chairman gave suggestions to revise the PG PED & PSE Curriculum and syllabi during the next Regulation. It was accepted by the BoS members.

BoS / EEE 4.4 : Suggestions Given by the Members

Dr.M.Ramaswamy suggested to combine Electrical Machines-I and Electrical Machines-II courses as one course and add Design of Electrical Apparatus course as a core course while framing the next regulation syllabus and python course and C programming courses may be interchanged in the next regulation syllabi.

The members had a brainstorming discussion, deliberation and interaction among themselves. After discussion, productive suggestions were incorporated appropriately in the **UG and PG** Curriculum and Syllabi.

Based on the suggestions given by the members, BOS resolved to recommend the following to the Academic Council for further approval.

- 4.3.1. Review of 3rdBoS meeting minutes
- 4.3.2. Interchange of Elective Courses for UG
- 4.3.3. To Introduce additional Course objectives and Course outcomes
- 4.3.4. Introduction of Major/Minor Courses
- 4.3.5 Review of PG Courses curriculum and syllabi



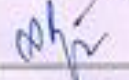

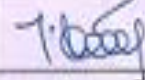




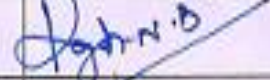

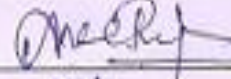

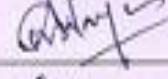
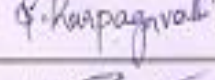
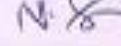
Dr.J.Jasper Gnana Chandran thanked all the members for their kind cooperation and the meeting came to an end.

CHAIRMAN
BOARD OF STUDIES

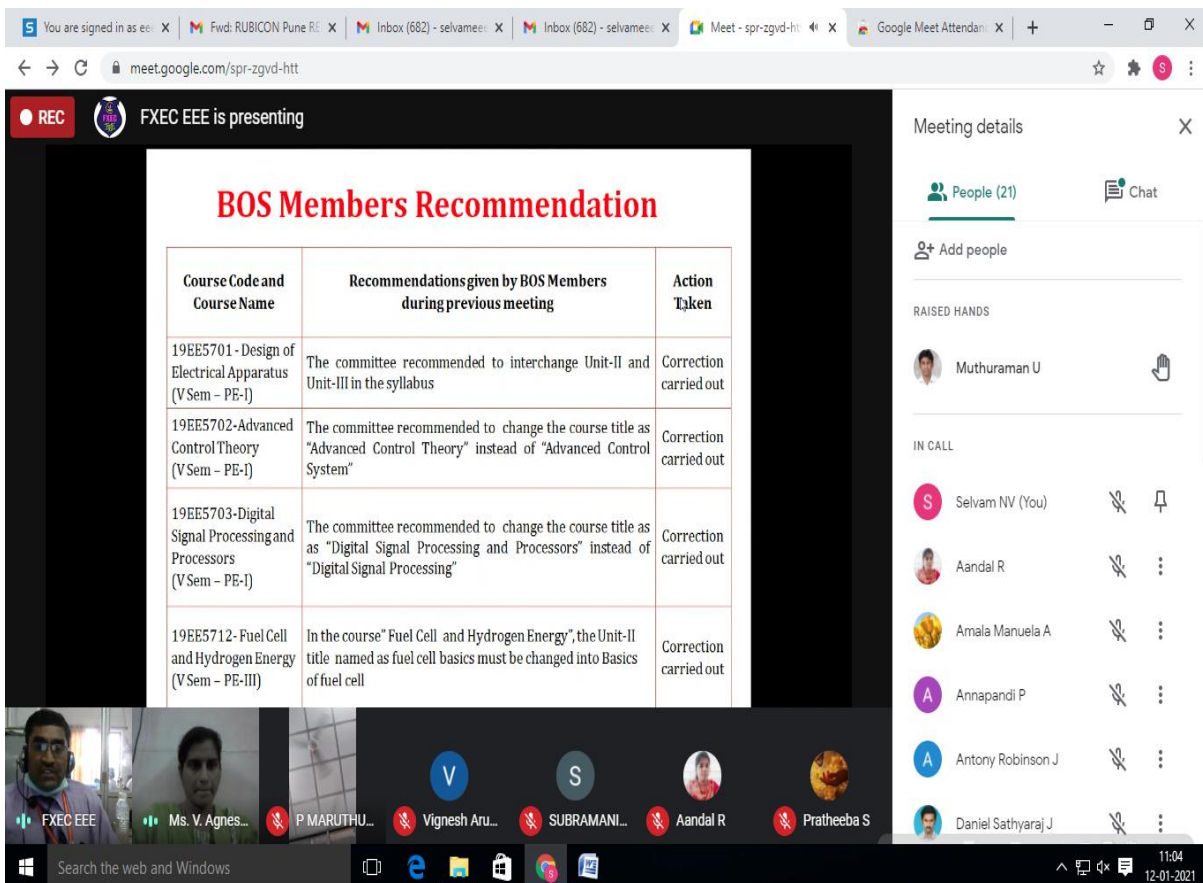
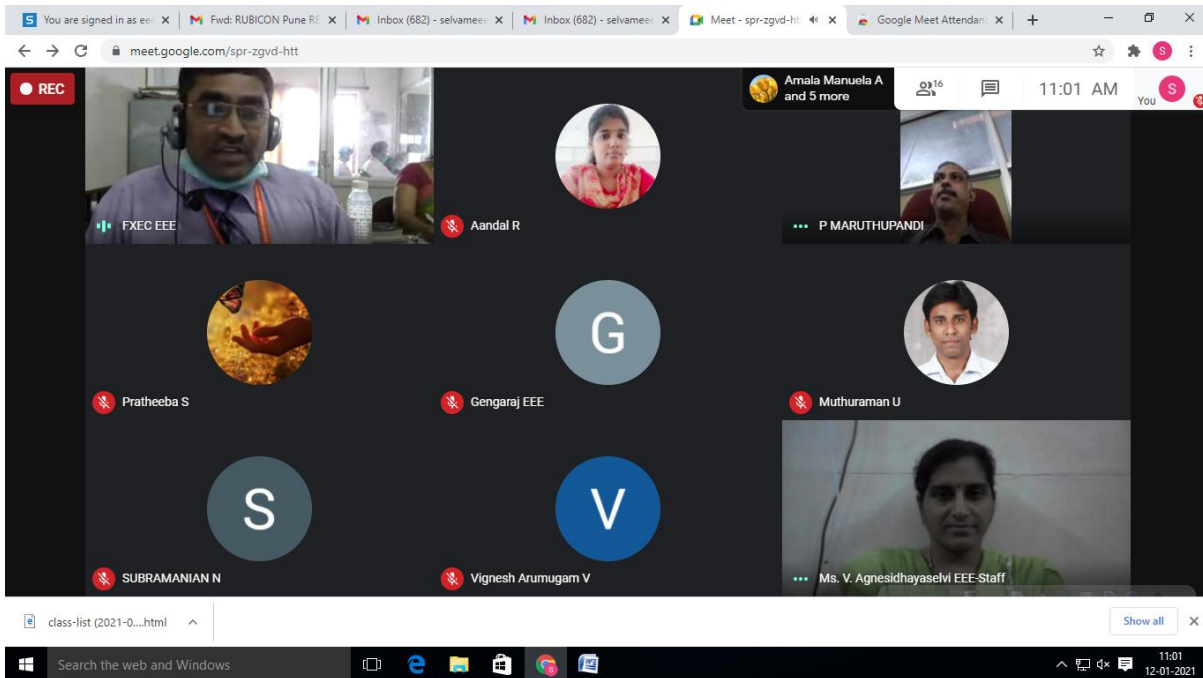
Attendance Sheet Table of Members

Board of Studies Meeting- IV
Internal Members -Attendance Sheet

Date:12.01.2021

S.No	Name	Signature
1.	Dr.J.Jasper Gnana Chandran Professor & Head,	
2.	Dr.P.Annapandi, Prof/EEE	
3.	Dr.A.Ravi, Prof/EEE	
4.	Dr.A.Gnanasaravanan, Prof/EEE	
5.	Mr.J.Antony Robinson, AP/EEE	
6.	Mr.J.DanielSathyaraj, AP/EEE	
7.	Mr.V.VigneshArumugam, AP/EEE	
8.	Mrs.R.Banumathi, AP/EEE	ABSENT
9.	Mr.N.V.Selvam, AP/EEE	
10.	Mr.S.Selvakumar, AP/EEE	
11.	Mr.N.B.Rajesh, AP/EEE	
12.	Dr.U.Muthuraman, AP/EEE	
13.	Mrs.R.Aandal, AP/EEE	
14.	Mrs.N.S.Pratheeba, AP/EEE	
15.	Mrs.A.Amala Manuela, AP/EEE	
16.	Mrs. S.Karpagavalli, AP/EEE	
17.	Mr.N.Subramanian, AP/EEE	

Department of EEE Engineering on 12th January 2021.
 Google online meet link: <https://meet.google.com/spr-zgvd-htt>



Meet - spr-zgvd-htt

meet.google.com/spr-zgvd-htt

REC FXEC EEE is presenting

M.E. – POWER SYSTEMS ENGINEERING

REGULATIONS 2019

CHOICE BASED CREDIT SYSTEM

(I – IV SEMESTERS CURRICULUM)

Meeting details

People (21)

- Gengaraj EEE
- Kannan Arumuganainar
- Karpagavalli EEE
- Ms. V. Agnesidhayaselvi...
- Muthuraman U
- P MARUTHUPANDI
- Power Electronics Staff
- Pratheeba S
- RAJESH N B

11:49 12-01-2021

Meet - spr-zgvd-htt

meet.google.com/spr-zgvd-htt

REC FXEC EEE is presenting

PROFESSIONAL ELECTIVE- IV, V & VI						
Code No.	Course	L	T	P	C	
19PS3701	Electrical Distribution System	3	0	0	3	
19PS3702	Energy Management and Auditing	3	0	0	3	
19PE3703	Wind Energy Conversion Systems	3	0	0	3	
19PE3705	Electric and Hybrid Vehicles	3	0	0	3	
19PE2707	Electromagnetic Interference and Compatibility	3	0	0	3	
19PE2703	Control System Design for Power Electronics	3	0	0	3	
19PS3703	Principles of Electric Power Transmission	3	0	0	3	
19PS3704	Advanced Power System Dynamics	3	0	0	3	
19PS3705	Design of Substations	3	0	0	3	

Meeting details

People (20)

- Kannan Arumuganainar
- Karpagavalli EEE
- Ms. V. Agnesidhayaselvi...
- Muthuraman U
- P MARUTHUPANDI
- Power Electronics Staff
- Pratheeba S
- RAJESH N B
- Ravi A

11:51 12-01-2021