



5th Board of Studies Meeting in the Department of Electrical and Electronics Engineering

Mode: Through Online (**Meeting Link: <https://meet.google.com/mib-wrjn-mfo>**)

Venue: EEE Department Faculty Room

Date & Time: 26.06.2021 & 10.30 am

AGENDA

BoS / EEE 5.1: Welcome address and Opening Remarks by Chairman, Board of studies in the Department of Electrical and Electronics Engineering.

BoS / EEE 5.2: Confirmation of the Minutes of the 4th meeting of Board of studies in the department of Electrical and Electronics Engineering held on 12th January 2021 and Action taken report of 4th meeting of Board of studies.

BoS / EEE 5.3: Business brought forward by the Chairman, Board of Studies

- 5.3.1. Review of 4th BoS meeting minutes.
- 5.3.2. NPTEL course for 2019 R students.
- 5.3.3. Value added Courses for 2019 R students.
- 5.3.4. 2021 Regulation Curriculum for UG.
- 5.3.5 2019 Regulation Curriculum for PG.

BoS / EEE 5.4: Suggestions given by the BOS Members

BoS / EEE 5.5: Any other items for discussion



MINUTES OF THE MEETING

The 5th Meeting of the Board of studies of the Electrical and Electronics Engineering was held on 26th June 2021 at 10.30am 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. A.Ramkumar, 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.Ravi – Internal Member
9. Dr.A.Gnanasarvanan-Internal Member
10. Mr. N.B.Rajesh – Internal Member
11. Mr.J.Daniel Sathyaraj-Internal Member
12. Mr.J.Antony Robinson-Internal Member
13. Mr.V.Vignesh Arumugam – Internal Member
14. Dr.U.Muthuraman-Internal Member
15. Mr.N.Subramanian – Internal Member
16. Mr.S.Selvakumar-Internal Member
17. Mr.N.V.Selvam-Internal Member
18. Mrs.R.Aandal-Internal Member
19. Mrs.N.S.Pratheeba-Internal Member
20. Mrs.A.Amala Manuela-Internal Member
21. Mrs.Anto Nesa Priya-Internal Member

BoS / EEE 5.1: 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 all the members for the 5th Board of studies meeting and introduced the new Board Studies Member Dr.A.Ramkumar, Professor, EEE, Kalasalingam Academy of Research and Education (Deemed to be University) to the gathering who replaced in the place of Dr.V.Agnes Idhaya Selvi.



BoS / EEE 5.2: To confirm the Minutes of Fourth BoS Meeting held on 12th January 2021.

The minutes of the fourth Board of Studies meeting held on 12th January 2021 were communicated to the members. The comments received have been incorporated and placed for confirmation. The same was approved by the 4th Academic Council.

Annexure I: Action Taken Report

BoS / EEE 5.3.1: Review of 4th BoS meeting minutes

The Board Chairman Dr.J.Jasper Gnana Chandran presented the changes carried out in Regulation 2019 Syllabus based on the recommendations given in fourth BoS meeting. All the Suggestions given by BoS Members were taken into account and incorporated in the Regulation 2019 syllabus.

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.



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19EE6714 - Virtual Instrumentation	Professional Elective -VI (VI Sem) to Professional Elective - I(V Sem)	Since the students studied Measurement & 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	Accepted
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 5.3.2: NPTEL course for 2019 R students.

The Board Chairman stated that as per 2019 curriculum, the students can take up the online NPTEL courses instead of Professional Elective courses. The Board Chairman presented the online NPTEL courses equivalent to the Professional Elective which can be taken by the students during the V semester of 2021-2022 odd semester.



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In this regard, the following suggestions were given by the BoS members.

Professional Elective	Equivalent NPTEL Courses suggested by the Board Chairman	Suggestions given by BoS Members
Digital Signal Processing and Processor	Signal Processing for MM Wave communication for 5G and beyond	All the members accepted the suggestions given by the Board Chairman
Communication Engineering	Enclosure design of electronics equipment	BoS members suggested to give this course later after verifying the correlation between the Professional Elective and NPTEL online course
Power Plant Instrumentation and control Electrical Substation Engineering	Computer Aided Power System Analysis	Accepted by the BoS Members

BoS / EEE 5.3.3: Value added Courses for 2019 R students.

The Board chairman presented the syllabus for the value added course “**Photo voltaic solar system**”. The BoS members suggested that the course name to be changed as “**Solar Photo Voltaic System**”. They also gave suggestions that the syllabus to be reframed as modules instead of unit wise.

BoS / EEE 5.3.4: 2021 Regulation Curriculum for UG.

The Board Chairman presented the R2021 curriculum, Syllabus for I and II Semester UG, and credit distributions. The BoS members gave suggestions to make the changes in the following subjects:

Sl. No.	Semester	Course Code	Course Name	Recommendations given by BOS Members
1	I	-	All courses	Accepted
2	II	21EE2601	Electric Circuits and Network Analysis	The BoS members suggested to include a topic “Introduction to Laplace Transform” in the syllabus. They also suggested that before teaching Electric Circuits and Network Analysis course, the teacher should teach the basic fundamentals of



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				Laplace transforms to the students
3	III	21EE3602	Static and DC Rotating Machines	Suggested to change the name as “DC Machines and Transformers”
		21EE3612	Static and DC Rotating Machines laboratory	Suggested to change the name as “DC Machines and Transformers Laboratory”
4	IV	21EE4604	Synchronous and Induction Machines	Suggested to change the name as “AC Machines”. They have also suggested to include I & II unit Induction motor, III & IV unit synchronous machine and V unit Special machines in the syllabus while framing the syllabus
		21EE4612	Synchronous and Induction Machines laboratory	Suggested to change the name as “AC Machines Laboratory”
5	V	21EE5601	Transmission and Distribution in Power Systems	The BoS members suggested to include Generation of Electric Power topic in Unit I while framing the syllabus
		21EE5602	Microprocessors, Microcontrollers and its Applications	Suggested to change the name as “Microcontrollers and its Applications”
		21EE5604	Design of Static and Rotating Machines	Suggested to change the name as “Design of Electrical machines”
		21EE5612	Microprocessors and Microcontrollers Programming Laboratory	Suggested to change the name as “Microcontrollers Laboratory”
6	VI	21EE6601	Computer Aided Design of Power System Analysis	Suggested to change the name as “Computer Aided Power System Analysis”
		21EE6102	High Voltage Engineering – PE II	Suggested to shift the course from PE II to PE V (VII Semester)



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		21EE6706	Industrial Drives – PE III	Suggested to change the name as “Industrial Drives and Control”
7	VII	21EE7706	Protection and Switchgear – PE VI	Suggested to shift the course from PE VI to PE II (VI Semester)
		21EE7708	Low Power VLSI Design – PE VI	Suggested to shift the course from PE VI to PE VII (VIII Semester)
8	VIII	21EE8702	Generation, Utilization and Conservation of Electrical Energy – PE VII	Suggested to shift the course from PE VII to PE VI (VII Semester)

BoS / EEE 5.3.5: 2019 Regulation Curriculum for PG

The Board Chairman presented the 2019 Regulation curriculum and syllabus for M.E. - PED & M.E. – PSE and all the members accepted it.

BoS / EEE 5.4 : Suggestions Given by the Members

The BoS members felt extremely happy about the curriculum and syllabus presented by the Board chairman. They also suggested that the curriculum should be executed properly and the students should get benefitted from it.

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.

- 5.3.1. Review of 4th BoS meeting minutes.
- 5.3.2. NPTEL course for 2019 R students.
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The Board Chairman Dr.J.Jasper Gnana Chandran thanked all the members for their valuable suggestions and sparing their precious time with us. The meeting came to an end with the note of thanks by Dr.A.Ravi Prof/EEE.

**CHAIRMAN
 BOARD OF STUDIES**

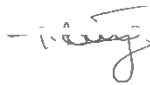






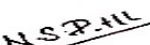
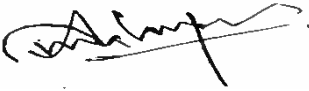



Attendance Sheet Table of Members

S.No.	Name of the BoS Member	Signature
1	Dr.J.Jasper Gnana Chandran Prof & Head Chairman BoS	
2	Dr.P.Maruthupandi, External	
3	Dr.M.Ramaswamy, External	
4	Dr. A.Ramkumar, External	
5	Mr.A.Kannan, External	
6	Mr.M.Gengaraj, External	
7	Dr.P.Annapandi, Internal	
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15	Mr.N.Subramanian,Internal	
16	Mr.S.Selvakumar,Internal	
17	Mr.N.V.Selvam,Internal	
18	Mrs.R.Aandal,Internal	
19	Mrs.N.S.Pratheeba,Internal	
20	Mrs.A.Amala Maunela,Internal	
21	Mrs.J.Anto Nesa Priya,Internal	



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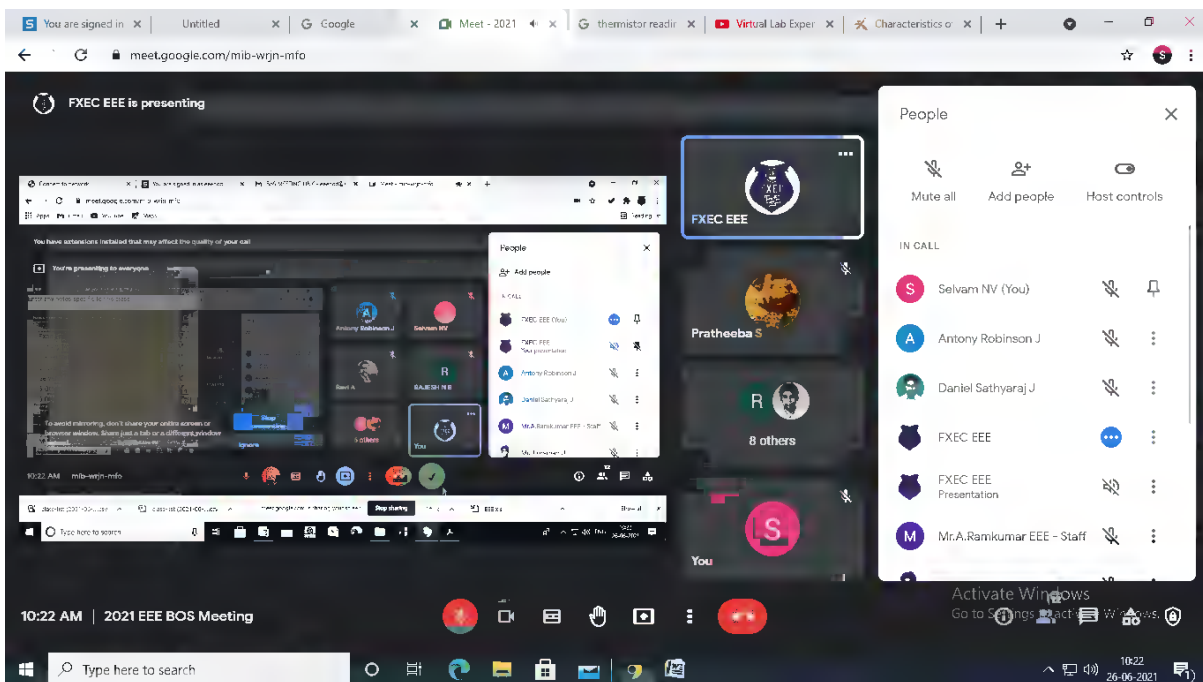
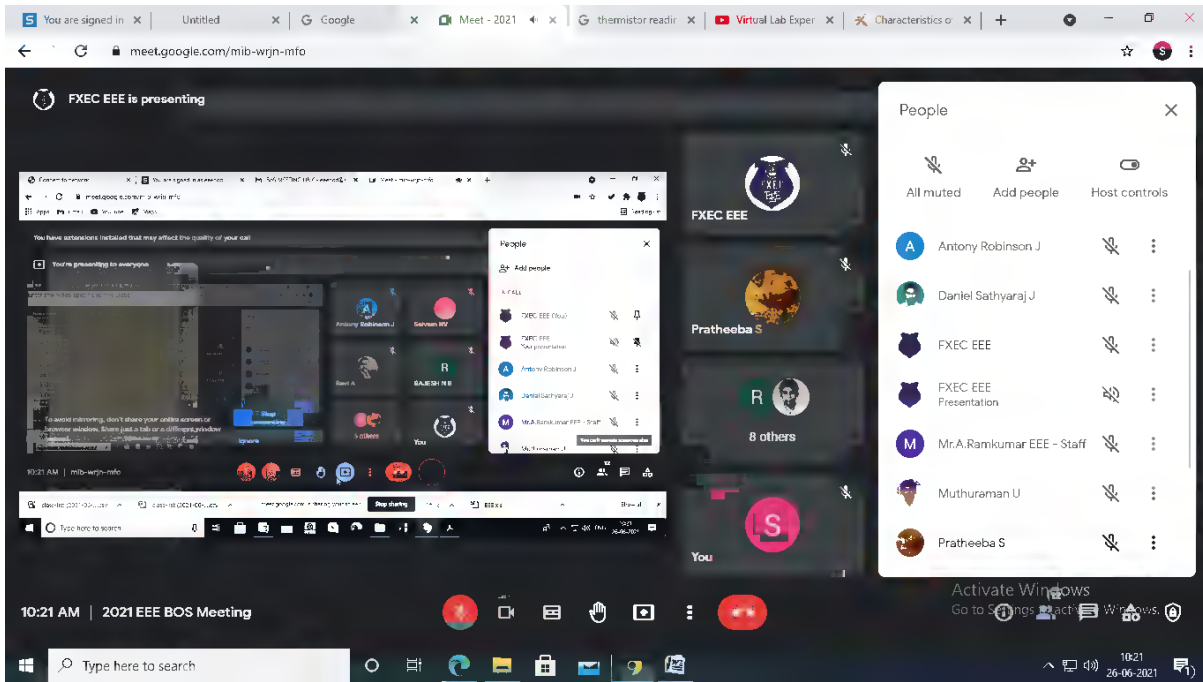
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Department of EEE Engineering on 26th June 2021.

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REC FXEC EEE is presenting

10:35 AM | 2021 EEE BOS Meeting

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REC FXEC EEE is presenting

Course Code	Course Name	Duration	Start Date	Professional Elective
noc21-ee102	Signal Processing for mm Wave communication for 5G and beyond	12 Weeks	26/07/21	<ul style="list-style-type: none"> Design of Electrical Apparatus Digital Signal Processing and Processor
noc21-ee90	Enclosure design of electronics equipment	12 Weeks	26/07/21	<ul style="list-style-type: none"> High Voltage Engineering Communication Engineering
noc21-ee84	Computer Aided Power System Analysis	12 Weeks	26/07/21	<ul style="list-style-type: none"> Power Plant Instrumentation and control Electrical Substation Engineering

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REC FXEC EEE is presenting

SEMESTER - IV							
Course Code	Course Name	Category	L	T	P	C	B
THEORY COURSES							
21EE2M01	Environmental and Sustainable Engineering	MC	2	0	0	0	2
21EE4601	Signals and Systems	PC	3	0	0	3	3
21EE4602	Digital Electronics	PC	3	0	0	3	3
21EE4603	Control Theory	PC	3	1	0	4	4
21EE4604	Synchronous and Induction Machines	PC	3	0	0	3	3
THEORY CUM PRACTICAL COURSES							
21EE4605	Modern Electronics Measuring Instruments	PC	2	0	2	3	4
PRACTICAL COURSES							
21EE4611	Control Theory Laboratory	PC	0	0	4	2	4
21EE4612	Synchronous and Induction Machines Laboratory	PC	0	0	4	2	4
21XXXXXX	Aptitude & Cognitive Skills - Part 2	EEC	0	0	2	1	2
TOTAL			16	1	12	21	29

11:16 AM | 2021 EEE BOS Meeting

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