

Sri Venkateswara College of Engineering
(Autonomous Institution, Affiliated to Anna University Chennai)

Pennalur, Sriperumbudur Tk - 602 117

Minutes of Meeting of Board of Studies for Faculty of Electrical and Electronics Engineering held on September 19th, 2023

The first meeting of Board of Studies in the academic year 2023-24 for Electrical and Electronics (EE) was held on 19.09.2023 Tuesday in Software Laboratory with the following members.

Sl.No	Member	Designation
Expert nominated by the Vice-chancellor		
1	Dr.C.Pugazhendhi Sugumaran	Associate Professor, Department of Electrical & Electronics Engineering,, CEG, Anna University, Chennai.
Representative from Industry		
2	Mr.K. Sendil Vel	CEO, Malar Electronics, Anna Nagar West, Chennai – 600 040.
Experts in the Subject from outside the College		
3	Dr.P.Somasundaram	Professor, Department of Electrical and Electronics Engineering, CEG, Anna University, Chennai.
4	Dr.P.K.Jawahar	Professor, Department of Electronics and Communication Engineering, B.S.Abdur Rahman University, Chennai.

Meritorious Alumni		
5	Mr.Vineeth Vijayaraghavan	Director - Research and Outreach, Solarillion Foundation, Chennai
6	Dr.Arun Janarathanan	Sr. Staff, QUALCOMM, TVH Agnito Tech Park, Thaazhambur,Chennai.
Chairman-Board of Studies (EEE)		
7	Dr.KR.Santha	Professor and Head, Vice Principal, Department of Electrical and Electronics Engineering.
8	Dr.NK.Mohanty	Professor
9	Dr.Sudhakar.K.Bharatan	Professor and AHOD
10	Dr.R.Karthikeyan	Associate Professor
11	Dr.S.G.Bharathidasan	Associate Professor
12	Dr.C.Gopinath	Associate Professor
13	Dr.S.Kumaravel	Associate Professor
14	Dr.S.S.Sethuraman	Associate Professor
15	Dr.T.Annamalai	Associate Professor
16	Dr.S.Arulmozhi	Assistant Professor
17	Ms.M.Sasikala	Assistant Professor
18	Dr.N.Shanmugavadiyu	Assistant Professor
19	Dr.C.Venkatesan	Assistant Professor
20	Ms.K.Suganthi	Assistant Professor
21	Mr.S.Sudharsanam	Assistant Professor
22	Dr.D.Amudhavalli	Assistant Professor

23	Mr.M.Ranjithkumar	Assistant Professor
24	Mr.D.S.Purushothaman	Assistant Professor
25	Ms.S.Sinthamani	Assistant Professor
26	Mr.G.Vinoth kumar	Assistant Professor
27	Dr.M.Sankar	Assistant Professor
28	Dr.C.Kamal	Assistant Professor
29	Mr.Thamizmani	Assistant Professor
30	Dr.R.Kannadasan	Assistant Professor
31	Mr.I Arun Abhishek	Assistant Professor
32	Dr.E.Naveen Kumar	Assistant Professor
33	Ms.S.Akila	Assistant Professor
34	Mr.S.Bharadwaj	Assistant Professor
35	Dr.R.J.Venkatesh	Assistant Professor
36	Mr.V.Karthikeyan	Assistant Professor

Dr KR.Santha Chairman-Board of Studies welcomed the BoS members for the meeting and mentioned the Agenda as follows.

1. Consideration and approval of curriculum for the UG & PG programmes under R2022 (CBCS).
2. Consideration and approval of Syllabus for the courses in Semester IV of B.E Electrical and Electronics Engineering curriculum under R2022 (CBCS).

The following points were suggested by the members of Board of Studies for the Department of Electrical and Electronics Engineering:

- HOD/EEE delivered a presentation on B.E. (Electrical and Electronics Engineering) curriculum under R2022 (CBCS).

- First year courses:

- The members asked to pass amendment in the next meeting to add Basic Electrical and Electronics Engineering (Theory Subject) or remove EE22111 Basic Electrical and Electronics Engineering Laboratory for the programme B.E., (Electrical and Electronics Engineering).
- The members felt that in first year programme, the majority courses are offered by Science and Humanities, and instructed the board chairman, to look into the possibility of reduction, so that more core courses can be introduced.
- The members asked to offer Engineering drawing related to Electrical Engineering. HoD/EEE replied that some contents were added in Engineering Drawing related to Electrical Engineering.

- Theory and Practice courses:

- Mr K Sendil vel suggested to add in the proposed curriculum more values to Analog Electronics by separating the proposed 'Theory and Practices' course into one Theory and one Laboratory course.
- To compensate the number of credits, any other separate Theory and Practical courses can be moved into the category of 'Theory and Practices'.

- Industry supported courses:

- Dr C Pugazhendi Sugumaran suggested that under R2018A, the syllabus of the course 'EE18712 Advanced Electrical Engineering Laboratory' can be modified for the forthcoming 7th semester to include Power System Protection in Group 2. Faculty members could refer the Protection and Switchgear courses conducted by industries to check the possibility of inclusion of Protection & Switchgear and SCADA concepts.

- Adding Pre-requisite for laboratory courses:

- Dr P K Jawahar said that for laboratory courses under various verticals, pre-requisite can be listed out, so that students can select the course appropriately.

- For Honor and Minor degree:

- Dr P Somasundaram suggested to find the possibility of framing separate objectives and syllabus for the courses in the category of Honor and Minor degree for the benefit of students who wish to pursue minor degree.

- Interactive Teaching tool:

- Dr Arun Janarthanan recommended using online interactive simulator such as "Physics Education Technology (PhET)" for Hands on session.

- Reference Curriculum:

- The university nominee instructed to refer AICTE model curriculum while framing curriculum and credit distribution. He also added that course outcome need to be fixed before framing syllabus.

- New courses:

- Mr K Sendil vel recommended in introducing the Auditing course in seventh or eighth semester as main paper or as Elective course, which especially support particularly girl students to write documentation about the design of a circuit executed by Technical team. This domain is in boom, which provides good opportunity.

- Employability courses:

- They asked the methodology of Project courses being followed, like number of industrial projects, attendance monitoring, area of projects, and outcome.
- The students have to be trained to act as a trainer in Industry which is highly demanded in industry nowadays.
- The members shared their Experience in Industry recruitment process, and added to check the skill set of students, by adopting Top to bottom approach. They supported to say/teach the Technical terms in equivalent regional languages, which may aid the students in better understanding.

• Verticals:

- Under Vertical-I
 - Include Digital Protection and Switchgear or its lab component
 - Instead of Design of Substation Laboratory/Mini-project, can fit Advance Electrical Engineering Laboratory if not possible to add as a Core course.
- Under Vertical-III
 - A separate vertical may not require for Electric Vehicle Technology.
 - Equivalent course or modification required in Modeling and simulation of Electric Vehicle Laboratory.
- Under Vertical-IV
 - To outline Clear difference between the courses Power system Management - Energy management and Auditing.
- Under Vertical-V
 - Instead of the title Nanotechnology for vertical V, insisted to change title as Semiconductor Technology as related courses listed out are more application oriented.
 - More Laboratory oriented courses like Embedded system, VLSI can be introduced.

KR. Sarl
29.9.23

Chairman (EE Engineering Board)
Chairman





Board of Studies
Faculty of Electrical & Electronics Engineering
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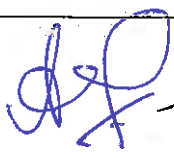

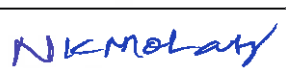

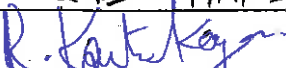



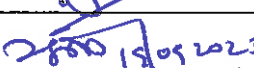
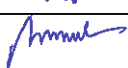
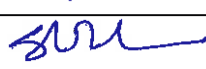
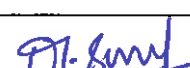
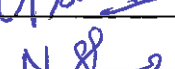
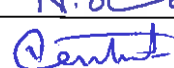
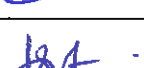
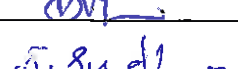
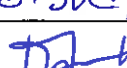
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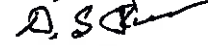
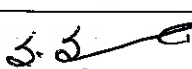


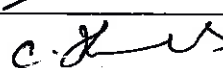
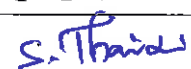


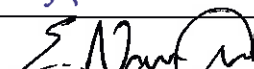



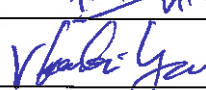
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