

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 April 03rd, 2024

The second meeting of Board of Studies in the academic year 2023-24 for Electrical and Electronics (EE) was held on 03.04.2024 Wednesday in Software Laboratory with the following members.

Sl.No	Member	Designation
1	Dr.C.Pugazhendhi Sugumaran	Professor, Department of Electrical & Electronics Engineering,, CEG, Anna University, Chennai.
Representative from Industry		
2	Mr.P.S.Premkumar	Managing Director, Controlsoft Engineering India Pvt Limited,No.534 East coast Centre, 1st Floor, Anna Salai, Teynampet, Chennai 600018.
3	Dr.P.Somasundaram	Professor, Department of Electrical and Electronics Engineering, CEG, Anna University, Chennai.
4	Mr.S.Akash	CEO, MuPhile Labs, 83, Arunachalam St, Chintadripet, Chennai- 600 002.

Chairman-Board of Studies (EEE)		
5	Dr.KR.Santha	Professor and Head, Vice Principal, Department of Electrical and Electronics Engineering.
6	Dr.NK.Mohanty	Professor
7	Dr.Sudhakar.K.Bharatan	Professor and AHOD
8	Dr.R.Karthikeyan	Professor
9	Dr.S.G.Bharathidasan	Professor
10	Dr.C.Gopinath	Professor
11	Dr.S.Kumaravel	Associate Professor
12	Dr.S.S.Sethuraman	Associate Professor
13	Dr.T.Annamalai	Associate Professor
14	Dr.S.Arulmozhi	Associate Professor
15	Dr.N.Shanmugavadivu	Associate Professor
16	Dr.C.Venkatesan	Associate Professor
17	Dr.D.Amudhavalli	Associate Professor
18	Dr.M.Sankar	Associate Professor
19	Ms.M.Sasikala	Assistant Professor
20	Ms.K.Suganthi	Assistant Professor

21	Mr.S.Sudharsanam	Assistant Professor
22	Mr.M.Ranjithkumar	Assistant Professor
23	Mr.D.S.Purushothaman	Assistant Professor
24	Ms.S.Sinthamani	Assistant Professor
25	Mr.G.Vinothkumar	Assistant Professor
26	Dr.C.Kamal	Assistant Professor
27	Mr.S.Thamizmani	Assistant Professor
28	Dr.R.Kannadasan	Assistant Professor
29	Dr.E.Naveen Kumar	Assistant Professor
30	Ms.S.Akila	Assistant Professor
31	Mr.S.Bharadwaj	Assistant Professor
32	Dr.R.J.Venkatesh	Assistant Professor
33	Mr.V.Karthikeyan	Assistant Professor

~~Dr~~

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 R2022 (CBCS) B.E Electrical and Electronics Engineering curriculum, modified as per the recommendations of BoS committee meeting held on 19.09.2023.

Modifications:

- a. Analog Electronics Theory and Practices course separated into two courses such as “Analog Electronics”- Theory Course and “Analog Electronics Laboratory” – Laboratory Course.
- b. “Measurement and Instrumentation” Theory and Practices course separated into two courses such as “Measurement and Instrumentation”-

Theory Course and “Control Systems and Instrumentation Laboratory” – Laboratory Course.

- c. Two professional elective courses are moved to 8th semester.
 - d. “Digital Protection of Power System” – Profession Elective introduced in Vertical II – Power System Engineering.
 - e. “Power System Protection Laboratory” - Profession Elective Laboratory course introduced in Vertical II – Power System Engineering.
 - f. Courses are combined and rearranged as suggested.
2. Approval of Syllabus for the all courses (Professional core, Professional Electives, Open Electives and Value added courses) from Semester V to Semester VIII of B.E Electrical and Electronics Engineering.
 3. Approval of the following courses of B.E Marine Engineering programme under R2022 (CBCS).
 - Semester VI:
 - ✓ Electrical, Electronics and Micro-Controller Laboratory.
 - ✓ Marine Electronics
 - ✓ Electrical Technology for Marine Engineers (Professional Elective)
 - ✓ Marine Electrical Technology

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:**

- Dr.C. Pugazhendhi Sugumaran, Professor, AU, suggested to include Basic Electrical Engineering also as a part in CM22151 Basic Civil and Mechanical Engineering or conduct a ‘crash course’ on Basic Electrical

Engineering, in order to fulfill the pre-requisite of EE22111 Basic Electrical and Electronics Engineering Laboratory.

- Chairman replied that the department will conduct a crash course on Basic Electrical Engineering from next academic year onwards.
- Mr. P.S.Premkumar, Managing Director, Controlsoft Engineering India Pvt Limited, suggested to include low voltage Protection concepts, D curve, types of Breaker (MCB, RCB, RCCB) and Fuse material.
- Chairman recorded that the above concepts are already covered in EE22111 Basic Electrical and Electronics Engineering Laboratory course.

• **Project work:**

- Prof. Dr.P.Somasundaram, suggested to change the nomenclature for Project work I as Mini project, and suggested to encourage students for constructing the hardware circuits of already taught concepts such as Four quadrant operation of Chopper, PCB design, Transformer winding design with the available resources in SVCE. This will make students to progress with confidence and develop skill-set particularly for the project in 8th semester.
- Dr KR Santha agreed to introduce Mini-Project instead of Project work I.
- Prof. Dr.C.Pugazhendhi Sugumaran, suggested to train the students on the software tool such as ETAP, PSCAD, and MATLAB.
- Prof. Dr S G Bharathidasan emphasized that students of EEE department are already learning these software in various laboratories/Project.

• **Power System Laboratory:**

- Prof. Dr.P.Somasundaram recommended to change the name of the laboratory course 'Power system simulation Laboratory' as 'Power System Laboratory' to cover non-simulation experiments also.
- The chairman and Power system Module coordinators agreed the point and accepted for the change.

• **Industry supported courses:**

- Mr. P.S.Premkumar, explained about the importance of Industry supported courses which provide adequate pre-requisite knowledge to get employed in industries by quoting Electric Vehicle industry as an example.
- BoS members asked to clarify the following regarding Industry supported course
 - The way of handling, whether students are going to industry or industry personnel are coming to SVCE.
 - If students are going to be taught in industries, whether all students will be permitted to attend.
- Dr.C.Pugazhendhi Sugumaran, insisted to allow all students to learn from industries and not to restrict based on CGPA.
- In this regard, Mr Akash suggested to introduce more Industry supported courses in Electronics domain which will cover more students and satisfy their employability requirements also.
- Mr. P.S.Premkumar said that this would provide the pathway for students who have interest in other domains.
- HoD/EEE informed that in addition to the industry partner “controlsoft engineering private limited” supporting at present for the course “Industrial Automation and Networking”, signing of MoU with other companies such as HL Mando Anand India Pvt. Ltd, Sundaram Fasteners Private Ltd. and Samsung India Electronics Private India Ltd. is under process.

• **Verticals:**

- Dr.C.Pugazhendhi Sugumaran, advised to remove repeated topics in the courses ‘Power System Management’ and ‘Electrical Safety’.

• **Student Performance:**

- Dr.C.Pugazhendhi Sugumaran asked about third semester Results for 2022-26 batch, Placement details and GATE qualifications for 2020-24 batch. It is informed by HoD, that 10 students from 2020-24 batch have qualified in GATE examination, till date placement is 62% and pass percentage is 71.9%.

- **Theory and Practices category:**

- Dr.C.Pugazhendhi Sugumaran pointed that the separate practical courses than theory & practices courses will help a lot for students applying for higher studies in abroad.
- Dr.C.Pugazhendhi Sugumaran insisted that any examination has to be conducted for 3 hours while discussing the pattern of Examination for Theory and Practices courses. He added that there should be 3 hours examination for Theory and 3 hours examination for Practical and then it can be converted in required ratios.
- HoD informed that the same will be informed to CoE office, SVCE.

- **Text books:**

- Dr.C.Pugazhendhi Sugumaran, asked to list the text books in Syllabus which covers 70% of the syllabus content.

- **Universal Human Values courses:**

- Dr.P.Somasundaram, asked to refer the AICTE guidelines about the importance of introducing Universal Human value courses.
- Prof. Dr KR Santha agreed to look into that.

- **General Discussions:**

- The chairman initiated a discussion on semester in abroad and semester in industry schemes which are to be introduced for students under R2022.
- The chairman explained the regulations to be followed for Honor /Minor degrees.
- She also added that department of EEE offers Minor degree for non-EEE students in two domains. (a) Electric Vehicle Technology (b) Semiconductor Technology.
- The chairman also informed that students under R2022 have to undergo 4 weeks internship (included for CGPA calculation) and earn 2 credits; also they should earn 4 credits through value added courses. (Not included for CGPA calculation).

Board of studies members expressed their satisfaction and hope to the chairman and faculty members that the better implementation of this curriculum assures the bright future for students of SVCE.

K.R. Paul
5-4-24

Chairman (EE Engineering Board)

Chairman





Board of Studies

**Faculty of Electrical & Electronics Engineering
Sri Venkateswara College of Engineering
Pennalur, Sriperumbudur (Tk) - 602 117**

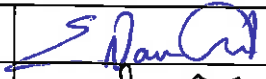




Sri Venkateswara College of Engineering
(Autonomous Institution, Affiliated to Anna University Chennai)
Pennalur, Sriperumbudur Tk - 602 117

Minutes of Meeting of Board of Studies for Faculty of Electrical and Electronics Engineering held on April 03rd, 2024

The second meeting of Board of Studies in the academic year 2023-24 for Electrical and Electronics (EE) was held on 03.04.2024 Wednesday in Software Laboratory with the following members.

Sl.No	Member	Designation	Signature
Expert nominated by the Vice-chancellor			
1	Dr.C.Pugazhendhi Sugumaran	Professor, Department of Electrical & Electronics Engineering,, CEG, Anna University, Chennai.	
Representative from Industry			
2	Mr. P.S.Premkumar	Managing Director, Control soft Engineering India Pvt Limited, No.534 East coast Centre, 1st Floor, Anna Salai, Teynampet, Chennai 600018.	
Experts in the Subject from outside the College			
3	Dr.P.Somasundaram	Professor, Department of Electrical and Electronics Engineering, CEG, Anna University, Chennai.	
Meritorious Alumni			
4	Mr S.Akash	CEO, MuPhile Labs, 83, Arunachalam St, Chintadripet, Chennai- 600 002.	

Chairman-Board of Studies (EEE)			
5	Dr.KR.Santha	Professor and Head, Vice Principal, Department of Electrical and Electronics Engineering.	KR Santha
Faculty Members			
6	Dr.NK.Mohanty	Professor	NK Mohanty
7	Dr.Sudhakar.K.Bharatan	Professor and AHOD	K.S. Bharatan
8	Dr.R.Karthikeyan	Professor	R. Karthikeyan
9	Dr.S.G.Bharathidasan	Professor	S.G. Bharathidasan
10	Dr.C.Gopinath	Professor	C. Gopinath 3/4/24
11	Dr.S.Kumaravel	Associate Professor	S. Kumaravel
12	Dr.S.S.Sethuraman	Associate Professor	S.S. Sethuraman 2/28/2024
13	Dr.T.Annamalai	Associate Professor	T. Annamalai 3/4/24
14	Dr.S.Arulmozhi	Associate Professor	S. Arulmozhi 3/4/24
15	Dr.N.Shanmugavadivu	Associate Professor	N. Shanmugavadivu 3/4/24
16	Dr.C.Venkatesan	Associate Professor	C. Venkatesan
17	Dr.D.Amudhavalli	Associate Professor	D. Amudhavalli
18	Dr.M.Sankar	Associate Professor	M. Sankar
19	Ms.M.Sasikala	Assistant Professor	M. Sasikala
20	Ms.K.Suganthi	Assistant Professor	K. Suganthi
21	Mr.S.Sudharsanam	Assistant Professor	S. Sudharsanam
22	Mr.M.Ranjithkumar	Assistant Professor	M. Ranjithkumar ON LEAVE
23	Mr.D.S.Purushothaman	Assistant Professor	D. S. Purushothaman
24	Ms.S.Sinthamani	Assistant Professor	S. Sinthamani
25	Mr.G.Vinoth kumar	Assistant Professor	G. Vinoth Kumar 3/4/24
26	Dr.C.Kamal	Assistant Professor	C. Kamal 3/4/24
27	Mr.S.Thamizmani	Assistant Professor	S. Thamizmani 3/4/24
28	Dr.R.Kannadasan	Assistant Professor	R. Kannadasan

29	Dr.E.Naveen Kumar	Assistant Professor	
30	Ms.S.Akila	Assistant Professor	
31	Mr.S.Bharadwaj	Assistant Professor	
32	Dr.R.J.Venkatesh	Assistant Professor	
33	Mr.V.Karthikeyan	Assistant Professor	


5-4-24

Chairman-Board of Studies (EEE)

Chairman

Board of Studies

**Faculty of Electrical & Electronics Engineering
Sri Venkateswara College of Engineering
Pennalur, Sriperumbudur (Tk) - 602 117**