

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 Electronics and Communication Engineering

The second meeting of the Board of Studies in the academic year 2023-24 for Electronics and Communication Engineering, was held on 08.04.2024 through offline mode with the following members.

Sl. No.	Name	Designation
Expert nominated by the Vice-Chancellor		
1.	Dr.G.Sumithra	Professor, Department of Electronic Engineering, Anna University, Chennai - 44
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.K.Jawahar	Professor, ECE, B.S.Abdur Rahman University , Chennai
Meritorious Alumnus		
4.	Dr.Arun Janarthanan	Technology Director and Engineering Practices Head, HCL Technologies Ltd., Chennai.
Chairman-Board of Studies		
5	Dr. G A Sathish Kumar	Professor and HoD
Faculty Members		
6.	Dr. P Jothilakshmi	Professor and AHoD
7.	Dr.N.Kumarathan	Professor
8.	Dr.S.R.Malathi	Professor
9.	Dr.R.Gayathri	Professor
10.	Dr.T.J.Jeyaprabha	Associate Professor
11.	Dr.D.Menaka	Associate Professor
12.	Dr.M.Athappan	Associate Professor
13.	Dr.Bindhu.M	Associate Professor
14.	Ms.Kousalya R	Assistant Professor
15.	Dr.R.Priyadharshini	Assistant Professor

- Dr G A Sathish Kumar, Chairman, Board of Studies welcomed all the members of BoS for the meeting and briefed the following points pertaining to R2022.
 - a) B.E Honors
 - b) B.E Honors (Specialization in the same discipline)
 - c) B.E Minor (Specialization in other discipline)
 - d) Verticals, Open elective, and Value-added courses introduced in B.E (ECE).
- HoD explained about the present evaluation and assessment scheme for low pass percentage subjects. Also asked suggestions from BoS members to improve the performance of the students.
- Dr.G.Sumithra, Expert nominated by the Vice-Chancellor suggested to prepare the list of courses in a distributed way and collect feedback from the students about the difficulty of the courses. Comparison between the activities of students in +2 and college. Identify the area of interest and counsel them. Conduct activity based learning like GD, Brain storming in technical content. This will help students to develop interest and excel in the placement.
- HoD explained about the steps taken for SIP, tie-ups action with industries M/s Mando, M/s Sundaram Fasteners.
- HoD briefed about industry supported courses, inviting industry experts to give insight knowledge about the subjects as per with industry standards.
- Few companies ST Microelectronics, HCL Technologies have been approached for support to handle the courses.
- Mr.K.Sendil Vel, Representative from Industry, has extended his support for Embedded and IoT courses.
- Dr.Arun Janarathanan, Meritorious Alumnus, extended his support in framing and handling of VLSI courses. He shared a simulator wokwi.com where students and faculty can use this platform to learn about the different courses and gain depth of knowledge in programming skills.
- HoD has shared the experience in regard with visit to M/s Micro Chip, Bangalore and 5G Test Bed-IITM, Chennai.
- Dr.P.K.Jawahar, Experts in the Subject from outside the College and Mr.K.Sendil Vel , Representative from Industry, expressed that Chemistry and Physics subjects can be removed in next regulations as students have very good depth of knowledge as it covered in Higher Secondary Boards. Namely few subjects like Wireless Networks, Wireless

Sensor Networks, EMI/EMC, RADAR Engineering, Satellite Communication System, Optical Communication Networks, ASIC and FPGA Design are been moved as Professional Electives. The situation is, students are missing these Professional Core courses which might help them to improve their knowledge and skills to cater either for Higher studies or Job opportunities.

- Hence more Professional Core courses can be included from First semester onwards. Thus few courses can be added and updated in relevant to Industry requirement which will help students to acquire skills.
- As Verticals are been designed with 54 new subjects. This in turn will pave path for learning more number of Professional Elective courses as required by Industry. Thus percentage of weightage can be increased for Professional Core courses and Professional Elective courses.
- Antenna and Microwave which is offered as Theory and Practical courses are separated as theory (4 credits) and Lab courses (2 credits) individually. Hence total credits of ECE course is 169 credits.
- BoS Members suggested the renaming of the Vertical “IoT Systems and its Applications” since more subjects under this vertical are related to Embedded systems.
- BoS Members asked to change Open Elective subject name from “Fundamentals of Sensing Techniques for IoT” to “IoT and Sensing”. Also suggested name change for the Professional Core “Computer Communication Networks” as “Communication Networks and Security”. Similarly “Computer Communication Networks Laboratory” is replaced as “Communication Networks Laboratory”.
- Discussion of verticals happened following few points were said as common to all subjects: Proper usage of verbs in RBT levels, Latest edition of Text book. Lab experiments to be limited to 10 to 12.
- Next meeting is proposed for September to discuss any change in Verticals.
- Thus, BoS members have accepted the new courses and syllabus under each vertical and recommended the same for the submission before Academic Council members.



Board Chairman Board of Studies (ECE)

Dr.G.A.SATHISH KUMAR

Professor & Head

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