

CHETTINAD COLLEGE OF ENGINEERING & TECHNOLOGY, KARUR

Department of Electrical and Electronics Engineering

Programme Advisory Committee Meeting-IV

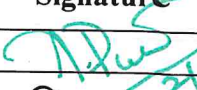
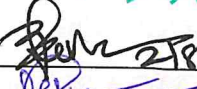

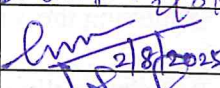

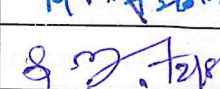
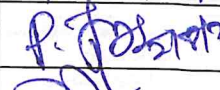
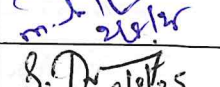
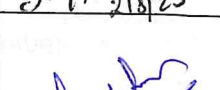
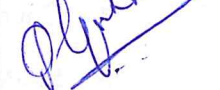
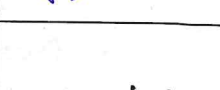

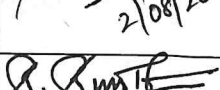
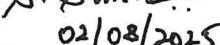
Minutes of meeting

Venue: G Block conference hall

Date: 02.08.2025

The Programme Advisory Committee Meeting was held on 02.08.2025.

Members Present:

S.No	Type of Stakeholder	Stakeholder	Name & Designation	Signature
1	Internal Stakeholders	Principal	Dr.A.Punitha, Principal	
2		Head of the Department	Dr.M.Senthilkumar, Prof/EEE	
3		Faculty Members	Mrs.A.Bhuvaneswari, AP/EEE	
			Dr.R.Boopathi, AP/EEE	
			Mrs.S.Malarkodi, AP/EEE	
			Mr.P.Pandi, AP/EEE	
			Mr.M.Dineshkumar, AP/EEE	
			Mr.S.Ragul, AP/EEE	
			Mrs.P.Thenmozhi, AP/EEE	
			Mr.M.Vasanthprakash, AP/EEE	
4		T&P Head	Mr.S.Raja, Placement officer	
5	External Stakeholders	Industry	Mr.P.Ganesan, Deputy General Manager, Chettinad Cement Corporation Ltd., Puliur.	
6		Research Organization	Mr.R.Nandha Santhanam, Senior Engineer, Advanced Electronics and Infotronics Connected Solutions, Mahindra Research Valley, Chennai, India.	
7		Alumni	Mr.S.Srinath, Director, Schaeffer Energy, Karur-639001.	

8		Parents	1. Mr.M.Palanisamy F/o P.Nageshwari - IV EEE , 102, Aalampalayam, Punnam (PO), Pugalur(TK), Karur-639136. 2. Mr.K. Santhana Durairaj, F/o S.Bharkavi - III EEE, 39/3 Arisana Street, Puliur, Karur - 639114.	M. Palanisamy 02/08/2025 K. Santhana Durairaj 02/08/2025
9		Academician	Dr.K.Navin Sam, Assistant Professor, National Institute of Technology, Puducherry - 609609	Dr. K. Navin Sam 2/8/25

The following points were discussed in the meeting:

- Mrs.A.Bhuvaneswari, AP/EEE greeted the members present and delivered the welcome address. She presented an overview of departmental activities and progress towards achieving the Vision, Mission, PEOs, POs, and PSOs.
- Principal delivered the presidential address to the stakeholders and publicized the Vision and Mission of the Institution. Also, emphasized the role of industry collaboration, innovation, and academic rigor in departmental advancement.
- The Presentation covered the following topics
 - Vision, Mission, PEOs, PSOs
 - Programme Curriculum and Syllabus
 - Teaching Learning Process
 - Industry Interaction
 - Course Outcome and Program Outcome Attainment
 - Students Performance
 - Faculty Information and Contribution
 - Continuous Improvement
 - Department Achievements

- Convener Dr.M.SenthilKumar, Prof/EEE introduced the Programme Advisory Committee (PAC) members of the EEE Program and presented the Vision, Mission, Program Educational Objectives (PEOs), Program Outcomes (POs), and Program-Specific Outcomes (PSOs) of the department.

The Vision, Mission, PEOs and PSOs of the department are as follows:

Vision of the Department:

To create a thriving community where enduring student relationships flourish, fostering a culture of innovative idea development, socially responsible and ethically-driven engineers in the electrical industry.

Mission of the Department:

1. To nurture students, enabling them to effectively confront professional challenges and emerge as outstanding engineers and technocrats.
2. To provide a holistic and comprehensive education that ensures total quality, encompassing broad exposure, value additions.
3. To engage in research within the realm of Electrical and Electronics Engineering, addressing the needs of the industry, scientific community and society at large.

Program Educational Objectives (PEOs)

PEO #1. Find employment in Core Electrical and Electronics Engineering and service sectors.

PEO #2. Get elevated to technical lead position and lead the organization competitively.

PEO #3. Enter into higher studies leading to post-graduate and research degrees. Become consultant and provide solutions to the practical problems of core organization.

PEO #4. Become an entrepreneur and be part of Electrical and Electronics product and service industries.

Program Specific Outcome (PSOs)

PSO1: Foundation of Electrical Engineering: Ability to understand the principles and working of electrical components, circuits, systems and control that are forming a part of power generation,

transmission, distribution, utilization, conservation and energy saving. Students can assess the power management, auditing, crisis and energy saving aspects.

PSO2: Foundation of Mathematical Concepts: Ability to apply mathematical methodologies to solve problems related with electrical engineering using appropriate engineering tools and algorithms.

PSO3: Computing and Research Ability: Ability to use knowledge in various domains to identify research gaps and hence to provide solution which leads to new ideas and innovations.

- The Convener presented the CO-PO and PO and PSO attainment for batch B13(2020-24) and B14 (2021-25) of the EEE Program to the PAC members and gathered feedback on the actions taken for improvement to enhance CO-PO attainment for the forthcoming batch of students.

The following views were congregated from the stake holders regarding the action be taken for the forthcoming batches to attain POs and PSOs through value additions.

❖ **Mr.P.Ganesan** suggested the following points:

- Suggested to provide hands-on training in the fields of design and fabrication of regulated power supply, PLC, Embedded System and sustainable management system by inviting external resource persons. Internal technical training sessions were also recommended.
- Suggested use of industry-standard tools such as MATLAB, ETAP, MATPOWER, PVSyst and PSpice-based platforms
- Students from all years combined together to form teams and collaboratively work on mini-project ideas.
- Sessions on communication, teamwork, time management, and professional ethics were recommended to enhance students' professional skills.
- Asked to encourage the III and IV year students to apply for internships at reputed institutions such as IITs and NITs.
- Faculty members are encouraged to guide students about industry-provided mentorship opportunities related to project development and career planning.

- Suggested to motivate students to pursue entrepreneurship by highlighting its importance and informing them about various funding agencies such as DST, MSME, Startup India, and others that support student ventures.

❖ **Mr.R.Nandha Santhanam** suggested the following points:

- Recommended conducting seminars and paper presentations in collaboration with the IET Student Chapter to enhance student involvement in research communication.
- Proposed to organize skill-oriented courses such as Basics of Electronics, Microcontrollers, and Power Electronics using MATLAB for second- and third-year students to build future-ready competencies.
- Recommended conducting practical sessions on home appliances to develop students' hands-on skills.
- Faculty members guided the students in their projects and conference presentations based on their areas of expertise.
- Advised introducing students to recent technologies in Machine Design, Vehicle Networking, and Modern Motor Controllers to keep them updated with current industry trends.
- Recommended motivating students to enroll in domain-specific online courses and complete at least one NPTEL course per semester for continual learning and certification.
- Suggested active participation of both faculty and students in national and international hackathons and innovation challenges to apply classroom learning in real-world contexts.

❖ **Mr.S.Srinath** suggested the following points:

- Suggested that students remain actively engaged in the alumni network.
- Recommended to offer interdisciplinary courses such as Sustainable Energy, Power Converters, Smart Grid Technologies, Fuel cells, Industrial Automation and others.
- Advised facilitating guest lectures by faculty from other departments or alumni working in cross-functional roles.
- Proposed to organize industrial visits, technical talks by working professionals, and online mentorship sessions.
- Recommended aptitude training, coding skills workshops, mock interviews, and resume building sessions starting from the 2nd year.

- Emphasized to motivate students to prepare for GATE, GRE, TOEFL, IELTS, etc.
- Recommended to create a department-specific alumni WhatsApp/LinkedIn group for ongoing communication.

❖ **Dr.K.Navin Sam**, suggested the following points:

- Recommended showcasing department achievements on professional platforms and academic portals to improve visibility and rankings.
- Advised faculty members to actively participate in Faculty Development Programs (FDPs) and technical seminars, and encouraged experienced faculty to serve as resource persons in other institutions.
- Highlighted the need to regularly map and monitor CO and PO attainment levels. Suggested using data analytics to identify gaps and implement corrective actions.
- Emphasized the use of simulation tools and open-source platforms for hands-on learning.
- Suggested offering open electives that are interdisciplinary in nature, enabling students to explore courses outside the core EEE domain and broaden their knowledge base.

❖ **Parents Mr.M.Palanisamy and Mr.K.Santhana Durairaj** suggested the following points:

- Suggested to give more structured placement training programs, including communication skill development and interview readiness.
- Appreciated the efforts in maintaining discipline and academic rigor.
- Recommended to organize stress management, yoga or motivational workshops to support students during exam seasons and placement phases.

The meeting concluded with a vote of thanks extended by the Programme Coordinator for the valuable suggestions shared by each member towards the progress of the department. He assured that the suggestions would be implemented in the upcoming academic year. Finally, he thanked all the members for attending the PAC meeting and requested their long-term support for the sustained development of the department.


Prepared by: Dr.M.Senthilkumar

Copy to : 1. All Faculty Members for needful action
2. Dept. file


Approved by: Principal

