

CHETTINAD COLLEGE OF ENGINEERING & TECHNOLOGY, KARUR

Department of Electrical and Electronics Engineering

Programme Advisory Committee Meeting

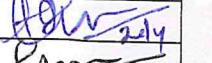
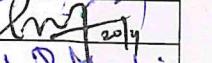
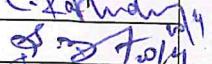
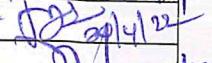
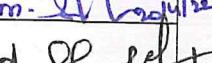
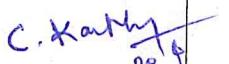
Minutes of meeting

Venue: B Block Conference Hall

Date: 20.04.2022

The Programme Advisory Committee Meeting is held on 20.04.2022.

Members Present:

S.No	Type of Stakeholders	Stakeholders	Name & Designation	Signature
1.	Internal Stakeholders	Principal	Dr.A.Punitha, Principal	
		Head of the Department	Mr.N.Vijayasarathi, HoD/EEE	
			Mrs.A.Bhuvaneswari, AP/EEE	
			Mrs.S.Malarkodi, AP/EEE	
			Mr.P.Pandi, AP/EEE	
			Mrs.D.Pushpalatha, AP/EEE	
			Mrs.L.Rathidevi, AP/EEE	
			Mr.S.Ragul, AP/EEE	
			Mrs.P.Thenmozhi, AP/EEE	
3.		T&P Head	Mr.A.Sabarinathan, Placement officer	
4.	External Stakeholders	Industry	Mr.P.Ganesan, Deputy General Manager, Chettinad Cement Corporation Ltd., Puliyur-639114..	
5.		Research Organization	Mr.R.Nandha Santhanam, Senior Engineer, Advanced Electronics and Infotronics Connected Solutions, Mahindra Research Valley, Chennai, India.	
6.		Alumni	Mr.C.Karthi, Manager, BIM Modeller Consulting Services, Karur-639001.	

7.		Parents	1. Ms.B.Gomathi P/O B.Menaga, III EEE, 126/A,Kamarajar Nagar, South Street, Pasupathipalayam, Karur – 639004. 2. Mr.P. Selvam, F/O S.Kayalvizhi, II EEE, 71/3, Mariyamman Kovil Street, Veerarakkiyam,Karur – 639114.	B.Gomathi P.Selvam
8.		Eminent Academician	Dr.K.Navin Sam, Assistant Professor, National Institute of Technology, Puducherry - 609609	Dr.Navin Sam

The following points were discussed in the meeting:

- Mr.M.Vijayasarathi, Head of the Department and Convener, welcomed the members present and delivered the welcome address.
- The Principal delivered the presidential address to the stakeholders and presented the Vision and Mission of the Institution.
- Mr.M.Vijayasarathi, Head of the Department and Convener, directed the members on the department's progress and presented the Vision, Mission, PEOs, and PSOs.
- The presentation covered the following topics:
 - ❖ Dissemination of Vision, Mission of the department
 - ❖ PEOs and PSOs released by Anna University for the B.E (EEE) Program
 - ❖ Program Curriculum and Syllabus (R2021 of Anna University)
 - ❖ Strategies for Academic Performance Improvement
 - ❖ Student Projects
 - ❖ Attainment of Course Outcome (CO), Program Outcome (PO) and Program Specific Outcome(PSO)
 - ❖ Student Performance Analysis
 - ❖ Placement Training

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:

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

PEOs and PSOs of the department are as follows:

Program Educational Objectives (PEOs)

- Find employment in Core Electrical and Electronics Engineering and service sectors.
- Get elevated to technical lead position and lead the organization competitively.
- Enter into higher studies leading to post-graduate and research degrees. Become consultant and provide solutions to the practical problems of core organization.
- 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 PAC members noted that the PEOs and PSOs prescribed by Anna University are common to all affiliated institutions and agreed that the department may continue to follow them. However, the committee recommended that the department plan and implement additional academic activities beyond the curriculum to enhance students' skills and further support the attainment of the PEOs and PSOs.

Discussion of CO, PO, PSO attainment for the Academic Year 2020-21 and 2021-22 of EEE Department:

- Mr.M.Vijayasarathi, Head of the Department and Convener presented the CO-PO attainment levels calculated for the academic years 2019–20, and 2020–21 (Odd) for the 2019–23 EEE batch before the Committee members.
- The Committee reviewed the CO-PO attainment levels for the courses and they gave suggestions and recommendations to improve the Attainment levels.

The following views were gathered from the stakeholders regarding the action plan to be implemented for the forthcoming academic year to enhance POs and PSOs through value additions.

- **Mr.N. Vijayasarathi** suggested the following points:
 - ❖ Enhance students' fundamental knowledge to build a strong foundation.
 - ❖ Conduct Value Added Course on Sustainable Energy, led by industry experts, to bridge the gap between theoretical knowledge and practical applications.
 - ❖ Conduct an intra-departmental Hackathons to foster creativity and develop innovative project based solutions for real-world challenges.
 - ❖ Increase participation in technical programs and contests in reputed institutions.

- **Mr.R.Nandha Santhanam** suggested the following points:
 - ❖ Share the effectiveness of interdisciplinary subjects with students when ~~Selecting~~ open electives under Regulation 2017.
 - ❖ Arrange interactions between students and alumni to provide guidance on meeting industry requirements.
 - ❖ Encourage students to participate in circuit debugging, paper presentations and journal publications.
 - ❖ Organize an Entrepreneurship Awareness Programs to inspire students to establish business ideas and transform concepts into market-ready products.
- **Mr.C.Karthi** suggested the following points:
 - ❖ Sign MoUs with industries to offer more internships and real-world experiences to students.
 - ❖ Incorporate e-learning tools and online courses to help students learn new tools, languages, and technologies.
 - ❖ Conduct subject-related activities to enhance understanding of concepts with tool usage.
 - ❖ Organize a Personality Development Program to enhance students' communication, leadership, and interpersonal skills, preparing them for professional success.
 - ❖
- **Dr.K.Navin Sam** suggested the following points:
 - ❖ Implement outcome-based education to ensure that students achieve specific learning outcomes, enhancing their skills and employability.
 - ❖ Implement effective teaching and writing practices to improve Anna University results.
 - ❖ Incorporate content beyond the syllabus under Regulation 2021 for selected subjects to enrich students' knowledge beyond the curriculum.

- Parents Ms.B.Gomathi and Mr.P.Selvam suggested on arranging more practice in communication skills to enhance the students' career.

The meeting concluded with a vote of thanks by the Head of the Department, who expressed sincere gratitude to all members for their valuable suggestions towards the growth of the department. He assured that the recommendations would be implemented in the forthcoming academic year and thanked the members for their active participation in the PAC meeting. He also sought their continued support for the ongoing development of the department

N.V.J 20/4/22

Prepared by: Mr.N.Vijayasarathi

HEAD,
Department of Electrical and Electronics Engineering,
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Chettinad College of Engineering & Technology
Faculty Members for needful action
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Approved by: Principal

Dr. A.Punitha
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