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
1.	Internal Stakeholders	Principal	Dr.A.Punitha, Principal
2.		HoD	Mr.N.Vijayasarathi, HoD/EEE
		Faculty	Dr.M.Senthilkumar, Prof/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
			Mr.M.Vasanthprakash, 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.
8.		Eminent Academician	Dr.K.Navin Sam, Assistant Professor, National Institute of Technology, Puducherry - 609609

The following points were discussed in the meeting:

- Mr.M.Vijayasarathi, 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, directed the members on the department's progress and presented the drafted version of the Vision, Mission, PEOs, and PSOs. The presentation covered the following topics:
  - ❖ 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)
  - ❖ Department Achievements
  - ❖ Effective Teaching Practices
  - ❖ Strategies for Academic Performance Improvement
  - ❖ Student Projects
  - ❖ Attainment of Course Outcome (CO), Program Outcome (PO) and Program Specific Outcome(PSO)
  - ❖ Curriculum Gaps
  - ❖ 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 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 from the Head of the Department, expressing gratitude for the valuable suggestions provided by each member for the department's growth. He assured that the recommendations would be implemented in the upcoming academic year and thanked everyone for their participation in the PAC meeting. He also sought continued support for the ongoing development of the department.

20/4/22

Prepared by: Mr.N.Vijayasarathi

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Department of Electrical and Electronics Engineering,
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PULIYUR - 639 114.

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

20/4/22

Approved by: Principal

Dr. A.Punitha
PRINCIPAL
Chettinad College of Engineering & Technology
PULIYUR - CF, KARUR (Dt)-639 114.

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