

# CHETTINAD COLLEGE OF ENGINEERING & TECHNOLOGY, KARUR

## Department of Electronics and Communication Engineering

### Programme Advisory Committee Meeting-III

#### Minutes of meeting

Venue: B Block conference hall

Date: 07.05.2024

The Programme Advisory Committee Meeting was held on 07.05.2024.

#### Members Present:

S.No	Type of Stakeholder	Stakeholder	Name & Designation	
1.	Internal Stakeholders	Principal	Dr.A.Punitha, Principal	
2.		Head of the Department	Dr.M.Kumar, HoD/ECE	
3.		Faculty Members		Dr.M.Prithiviraj, ASP/ECE
				Mr.P.Selvan, ASP/ECE
				Mr.M.Mohanraj, ASP/ECE
				Ms.D.Ragavi, AP/ECE
				Mr.M.Prabhakaran, AP/ECE
				Mrs.A.Karthikeyani, AP/ECE
		Mrs.P.Nagarani alias Sobana, AP/ECE		
		Ms.J.Jenisha, AP/ECE		
4.		T&P Head	Mr.A.Sabarinathan, Placement officer	
5.	External Stakeholders	Industry	Mr.S.Palanivel Rajan, Sub-Divisional Engineer, BSNL, Virudhunagar.	
6.		Research Organization	Dr. H. Sameera Bharadwaja, Associate Director, Samsung Semiconductor India Research, Bangalore.	
7.		Alumni	1. Mr.Hari M Rajkumar, Senior Product Specialist – Tech, Conizant Technology Solutions Pvt Ltd, Coimbatore 2. Mr.V.Vijayanarayanan, Senior Data Engineer,	

			Cloud Destinations, Coimbatore.
8.		Parents	1. Mr.M.Thangapandi, P/O T.Sabarianandan IV ECE, 11/4,Kamarajar Nagar, Pasupathipalayam, Karur – 639004. 2. Mr.N.Thiruvengadam, P/O T.Gayathri III ECE, 6/243, Vedachandur, Landhakottai, Dindigul – 624620.
9.		Academician	Dr.Balambigai Subramanian, Associate Professor/ECE, Kongu Engineering College, Perundurai, Erode.

The following points were discussed in the meeting:

- HoD greeted the members present and delivered the welcome address. He also briefed about the progress of the Department towards the achievement of Vision, Mission, PEOs, POs, PSOs.
- Principal delivered the presidential address to the stakeholders and publicized the Vision and Mission of the Institution.
- 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. Kumar introduced the Programme Advisory Committee (PAC) members of the ECE 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:**

1. To provide the quality education in the field of Electronics and Communication Engineering which caters the needs of the society in line with the technological revolution.

**Mission of the Department:**

1. To upgrade the technical knowledge of the students continuously by providing industrial exposure and innovative projects.
2. To establish a creative learning environment for the students by active learning of the techniques in the electronics and communication engineering field.
3. To nurture career improvement by facilitating skill development and training in the recent technologies.

**Program Educational Objectives (PEOs)**

1. To provide the students with a strong foundation in the required sciences in order to pursue studies in Electronics and Communication Engineering.
2. To gain adequate knowledge to become good professional in electronic and communication engineering associated industries, higher education and research.
3. To develop attitude in lifelong learning, applying and adapting new ideas and technologies as their field evolves.
4. To prepare students to critically analyze existing literature in an area of specialization and ethically develop innovative and research oriented methodologies to solve the problems identified.
5. To inculcate in the students a professional and ethical attitude and an ability to visualize the engineering issues in a broader social context.

**Program Specific Outcome (PSOs)**

PSO1: Design, develop and analyze electronic systems through application of relevant electronics, mathematics and engineering principles

PSO2: Design, develop and analyze communication systems through application of fundamentals from communication principles, signal processing, and RF System Design & Electromagnetics.

PSO3: Adapt to emerging electronics and communication technologies and develop innovative solutions for existing and newer problems

- The Convener presented the CO-PO and CO-PSO attainment for the Academic Years 2022-23 and 2023-24 of the ECE 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.S.Palanivel Rajan** suggested the following points:
  - ❖ Value-added training should be provided to improve the attainment levels of POs and PSOs and enhance students' skills.
  - ❖ All students must complete a Mini Project each year to enhance their practical exposure.
  - ❖ It is highly recommended to conduct short-term courses in VLSI, Industrial IoT, and Networking, led by industry experts, to bridge the gap between theoretical knowledge and practical applications.
  - ❖ Entrepreneurship skills should be developed through proper guidance and mentoring.
  - ❖ Students should be identified starting from their second year and given awareness about various Central Government schemes and start-up opportunities.
- **Dr. H. Sameera Bharadwaja** suggested the following points:
  - ❖ Provided inputs on research activities and emphasized their importance.
  - ❖ Highlighted the need for a Research Committee and advised categorizing faculty based on their expertise to guide students in undertaking projects and research in specific domains.
  - ❖ Recommended submitting funding proposals to various funding agencies and suggested establishing a Centre of Excellence laboratory in collaboration with industries.

- ❖ Encouraged students to present and publish their projects in international conferences and journals.
- ❖ Advised students and faculty members to utilize online course materials offered by NPTEL/NITTTR to supplement their studies.
- ❖ Suggested highlighting statistics on internships leading to job placements.
- ❖ Recommended organizing design contests and coding competitions, such as Hackathons, to enhance students' technical and problem-solving skills.
- **Mr.Hari M Rajkumar** suggested the following points:
  - ❖ Recommended arranging internships for students to create awareness about industry expectations.
  - ❖ Commended the institution's growth and advised conducting value-added programs on VLSI, Networking, IoT, and related domains, led by industry trainers, to enhance students' employability in both core and software industries.
  - ❖ Suggested creating an alumni portal to provide mutual benefits for both the institution and its alumni.
- **Mr.V.Vijayanarayanan** suggested the following points:
  - ❖ Recommended expanding the Training and Placement syllabus to include more technical topics.
  - ❖ Emphasized the need to prepare students by aligning their skills with industry expectations and enhancing their career readiness.
  - ❖ Encouraged increasing student participation in technical programs and competitions hosted by reputed institutions.
- **Dr. Balambigai Subramainan** suggested the following points:
  - ❖ Shared insights on the effective conduct of laboratory sessions and assessment methods used in leading universities. She recommended implementing similar practices, such as the use of virtual labs, to enhance students' practical understanding and improve CO-PO and CO-PSO attainment.
  - ❖ Advised the use of ICT tools in classrooms to enhance student engagement and learning and provided an overview of various innovative learning methods.
  - ❖ Recommended the procurement of reference books authored by foreign experts and other standard textbooks for all courses.
  - ❖ Engaged in detailed discussions on incorporating Content Beyond the Syllabus for selected subjects to enrich students' knowledge beyond the curriculum.

- **Parents Mr.M.Thangapandi and Mr.N.Thiruvengadam** suggested on arranging more on campus interviews to enhance the students career.
- The meeting concluded with a vote of thanks extended by the Head of the Department 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.

M. Thangapandi  
02/05/24

**Prepared by: Dr.M.Kumar**

N. D. S.  
Principal

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