

**CHETTINAD COLLEGE OF ENGINEERING & TECHNOLOGY,
KARUR**

Department of Electronics and Communication Engineering

Programme Advisory Committee Meeting-I

Minutes of meeting

Venue: B Block Conference Hall

Date: 22.04.2022

The Programme Advisory Committee Meeting is held on **22.04.2022**.

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. S. Anand Manivannan, Prof./ECE
				Dr.B.Deepa, ASP/ECE
				Mrs.S.N.Lalitha Parameswari, ASP/ECE
				Mr.P.Selvan, ASP/ECE
				Mr.M.Mohanraj, AP/ECE
				Mr.S.T.P.Senthil Kumar, AP/ECE
				Ms.D.Ragavi, AP/ECE
				Mr.M.Prabhakaran, AP/ECE
		Mrs. G. Priya, 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:

- Dr. M. Kumar, 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.
- Dr. M. Kumar briefed 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:
 - ❖ Discussion and Approval of Vision, Mission of the department
 - ❖ PEOs and PSOs of the department
 - ❖ Programme Curriculum and Syllabus (R2021 of Anna University)
 - ❖ Department Achievements
 - ❖ Effective Teaching Practices
 - ❖ Strategies for Academic Performance Improvement
 - ❖ Student Projects
 - ❖ Course Outcome (CO) and Program Outcome (PO) Attainment
 - ❖ Student Performance Analysis

The Vision and Mission statements of the department were drafted in alignment with the Vision and Mission of the institution and shared with various stakeholders, including faculty, alumni, employers, parents, and students. Based on the feedback and acknowledgments received, the final version of the Vision and Mission statements was presented to the committee. After thorough discussion, the committee approved the Vision and Mission statements and recommended their dissemination in various locations within the department.

Vision of the Department:

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.

The Program Educational Objectives (PEOs) and Program Specific Outcomes (PSOs) of the department were released by Anna University along with the curriculum in the year 2021. Feedback was collected from various stakeholders regarding the PEOs and PSOs and their alignment with the Vision and Mission of the institute and the department. The statements were discussed in the Program Advisory Committee (PAC) meeting, and it was decided to continue following the same in the department.

PEOs and PSOs of the department are as follows:

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 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. S. Palanivel Rajan** suggested the following points:
 - ❖ Enhance students' fundamental knowledge to build a strong foundation
 - ❖ Conduct short-term courses on PCB Design with Multisim and IoT, led by industry experts, to bridge the gap between theoretical knowledge and practical applications
 - ❖ Conduct an intra-departmental Hackathons on the IoT platform to foster creativity and develop innovative IoT-based solutions for real-world challenges
 - ❖ Increase participation in technical programs and contests in reputed institutions
- **Dr. H. Sameera Bharadwaja** 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 coding contests, code 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.Hari M Rajkumar** 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
- **Mr.V.Vijayanarayanan** suggested the following points:
 - ❖ 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. Balambigai Subramainan** 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 Mr.M.Thangapandi and Mr.N.Thiruvengadam** suggested on arranging more practice in communication skill 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 to 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.


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


Approved by: **Principal**

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