

# CHETTINAD COLLEGE OF ENGINEERING & TECHNOLOGY, KARUR

## Department of Electronics and Communication Engineering

### Programme Advisory Committee Meeting-IV

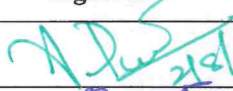
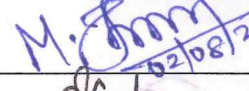
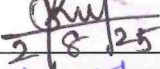
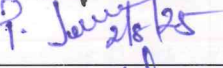
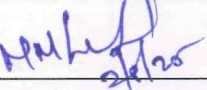

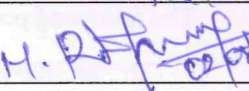
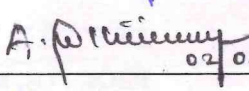
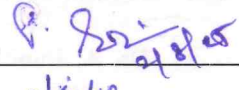
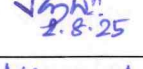
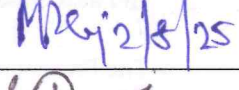
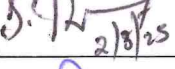

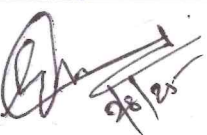
#### Minutes of meeting

Venue: C 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.Kumar, HoD/ECE  |    |
| 3    |                       | Faculty Members        | Dr.S.Kokila, ASP/ECE   |    |
| 4    |                       |                        | Mr.P.Selvan, ASP/ECE   |   |
| 5    |                       |                        | Mr.M.Mohanraj, AP/ECE  |  |
| 6    |                       |                        | Ms.D.Ragavi, AP/ECE  |  |
| 7    |                       |                        | Mr.M.Prabhakaran, AP/ECE   |  |
| 8    |                       |                        | Mrs.A.Karthikeyani, AP/ECE   |  |
| 9    |                       |                        | Mrs.P.Nagarani alias Sobana, AP/ECE  |  |
| 10   |                       |                        | Ms.J.Jenisha, AP/ECE   |  |
| 11   |                       |                        | Mr.M.Pradeep Raj, AP/ECE   |  |
| 12   |                       | T&P Head               | Mr.S.Raja,,<br>Placement officer   |  |
| 13   | External Stakeholders | Industry               | Dr.P.Senthil, Consultant,<br>Zepto logic Pvt Ltd, Coimbatore.  |  |
| 14   |                       | Research Organization  | Dr.Guru (Dr Prasad) Prasad AS,<br>Head of Technology Strategy,<br>CoE, IoT EDGE, Sensors & Connectivity, Bosch, India. |  |

|    |  |             |   |                               |
|----|--|-------------|---|-------------------------------|
| 15 |  | Alumni      | 1. Mr.V.Vijayanarayanan,<br>Senior Data Engineer, Cloud<br>Destinations, Coimbatore.  | V. Vijayanarayanan<br>21/8/25 |
| 16 |  |             | 2. Mr.K.Sunilprasad,<br>Developer(React),<br>Mallow Technologies, Karur.  | K. Sunilprasad.               |
| 17 |  | Parents     | 1. Mrs.B.Rajalakshmi,<br>P/O, S.Sabareesan-IV-ECE<br>64E K.A.Nagar 2nd Cross,<br>Kodhur Pirivu, Balaji Appartment<br>Via, Karur-639002                          | B. D. R.                      |
| 18 |  |             | 2. Mr.M.Anbuchelvan,<br>P/O, <del>M.</del> Deepak-III-ECE, M.A<br>27/C Indian oil backside,<br>Vadivel eswari kalyana Mahal near,<br>Reddypalayam, Karur-639002 | M. Anbuchelvan                |
| 19 |  | Academician | Dr.P.T.Kalaivaani,<br>Professor/ECE,<br>Vivekanandha College of Engineering<br>for<br>Women(Autonomous),<br>Namakkal.   | P. T. Kalaivaani              |

The following points were discussed in the meeting:

- Dr. M. Kumar, HoD/ECE greeted the members present and delivered the welcome address. He presented an overview of departmental activities and progress towards achieving the Vision, Mission, PEOs, POs, and PSOs.
- Dr. A. Punitha, 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
  - Course Outcome and Program Outcome Attainment for 2021-25 Batch
  - Students Performance



- Research and Development, Faculty Contributions and Participations
  - Lab Facilities and Utilization
  - Alumni Association Interactions
- 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:**

- 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

- All faculty members of the ECE department presented the activities carried out under the agenda items, covering academic, co-curricular, and OBE-related initiatives for the Academic Years 2023–24 and 2024–25. The PAC members were invited to share their feedback and suggestions for improvement, with the objective of enhancing the overall implementation and effectiveness of Outcome Based Education (OBE) in the department for the forthcoming batch of students.

The following suggestions were received from the stakeholders to strengthen the attainment of Program Outcomes (POs) and Program Specific Outcomes (PSOs) for the forthcoming batches through appropriate value-added activities and academic enhancements.

❖ **Dr.P.Senthil** suggested the following points:

- Suggested to provide hands-on training in the fields of Embedded Systems, Python, and C Programming by inviting external resource persons. Internal technical training sessions were also recommended.
- Suggested use of industry-standard tools such as MATLAB, LabVIEW, Xilinx, Cadence, and Python-based platforms.
- Suggested to include content beyond the syllabus, focusing on topics relevant to current industry trends.
- Recommended to procure Xilinx FPGA and Intel Spartan 3E, as they are considered high end options aligned with current industry requirements.
- Advised to form mixed-year student teams to exhibit their mini-project ideas collaboratively.
- 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 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.

❖ **Dr.Guru (Dr Prasad) Prasad AS** suggested the following points:

- Recommended to assign more challenging assignments that are aligned with the pattern and requirements of competitive exams.
- Recommended conducting seminars and paper presentations in collaboration with the IEI Student Chapter to enhance student involvement in research communication.



- Proposed organizing AI skill-oriented courses for second- and third-year students to build future-ready competencies.
- Encouraged promotion of interdisciplinary and external collaborations with academic institutions, R&D laboratories, and industry for joint publications, workshops, and technology transfer initiatives.
- Emphasized the importance of forming a Department Research Committee and suggested categorizing faculty members based on their areas of expertise, to guide students in projects and domain-specific research activities.
- Advised faculty members to publish research papers in reputed (SCI/SCOPUS) journals during the current academic year.
- Recommended motivating students to enroll in domain-specific online courses, and to complete at least one NPTEL course per semester for continual learning and certification.
- Suggested to participation in national and international hackathons and innovation challenges by both faculty and students to apply classroom learning in real-world contexts.
- Emphasized to Guide final-year students to convert their projects into publications or patents, with proper documentation and mentoring.

❖ **Mr.V.Vijayanarayanan** suggested the following points:

- Suggested that students remain actively engaged in the alumni network.
- Recommended to offer interdisciplinary courses such as AI and Machine Learning for Signal and Image Processing, IoT and Cloud Integration and others.
- Suggested to provide more training in aptitude and soft skills, as it will significantly aid students in clearing the initial stages of any placement process.
- Suggested to encourage students to participate in more project contests and hackathons conducted by other institutions, as it will help build their confidence in solving real-world problems.
- Advised facilitating guest lectures by faculty from other departments or alumni working in cross-functional roles.

❖ **Mr.K.Sunilprasad** suggested the following points:

- Recommended that students should practice logical thinking and problem-solving skills regularly.
- Requested to encourage students to undertake hands-on projects and be able to clearly explain their implementation and outcomes.
- 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.P.T.Kalaivaani** 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 ECE domain and broaden their knowledge base.

❖ **Parents Mrs.B.Rajalakshmi and Mr.M.Anbuchelvan** 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 Mr. P. Selvan 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.

  
02/08/21

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

  
21/8/21

**Approved by: Principal**

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