



# ERODE SENGUNTHAR

## ENGINEERING COLLEGE

(An Autonomous Institution)

Approved by AICTE, New Delhi, Permanently Affiliated to Anna University- Chennai,  
Accredited by National Board of Accreditation (NBA), New Delhi &  
National Assessment and Accreditation Council (NAAC), Bangalore with 'A' Grade

**PERUNDURAI -638 057, TAMILNADU, INDIA.**



### DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Ref : ESEC / ECE / PAC / 1- 2022 - 23

27.07.2022

### PROGRAMME ASSESSMENT COMMITTEE (PAC)

The following members have been identified as Program Assessment Committee (PAC) members for the academic year to improve the quality of the academic activities of the department. This committee provides suggestions, knowledge contributions and academic activities.

| Members                   | Designation                    | Status in PAC   |
|---------------------------|--------------------------------|-----------------|
| Dr. R. Kalavani           | Professor                      | Member          |
| Dr. S. Poorani            | Professor                      | Member          |
| Dr. M. Sundaram           | Professor                      | Member          |
| Dr. S. Karthick           | Professor                      | Member          |
| Dr. S. Bharathidasan      | Associate<br>Professor HoD/ECE | Convener        |
| Mr. V. Thamizharasan      | Assistant Professor            | Member          |
| Mr. M. Karthikkumar       | Assistant Professor            | Member          |
| Mrs. S. Divya             | Assistant Professor            | Member          |
| Ms. M. A. Asuvanti        | Assistant Professor            | Member          |
| Ms. C. Mekala             | Assistant Professor            | Member          |
| Mr. M. Balamurugan        | Assistant Professor            | Member          |
| Mrs. K. R. Priyadharshini | Assistant Professor            | Member          |
| Mrs. E. L. Dhivyapriya    | Assistant Professor            | Member          |
| Mr. S. Gladson            | Assistant Professor            | PAC Coordinator |
| Ms. R. Savitha            | Assistant Professor            | Member          |
| Ms. N. R. Raghapriya      | Assistant Professor            | Member          |
| Mrs. N. Gomathi           | Assistant Professor            | Member          |
| Ms. J. Jasmin Shifa       | Assistant Professor            | Member          |

**Coordinator**

**HOD/ECE**

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### DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

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Ref : ESEC / ECE/ PAC / AGENDA - 1- 2022 - 23

27.07.2022

### PROGRAMME ASSESSMENT COMMITTEE (PAC)

### DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

#### CIRCULAR

The Department of Electronics and Communication Engineering have planned to conduct a Program Assessment Committee meeting on 05.08.2022 in the ECE Smart Class Room at 11.00 a.m. All the faculty members are requested to attend the meeting and also provide your valuable suggestions.

#### Agenda for the Meeting:

|      |                                                                                  |
|------|----------------------------------------------------------------------------------|
| A.1  | Welcome Address                                                                  |
| A.2  | Action Taken Report on Previous Meeting Decisions                                |
| A.3  | CO-PO-PSO Attainment Level for AY 2020-2021                                      |
| A.4  | CO-PO-PSO Mapping for 2021-2022 (Even Semester)                                  |
| A.5  | CO-PO-PSO Attainment for 2022-2023 (Even Semester)                               |
| A.6  | CO-PO-PSO Attainment for 2023-2024 (Odd Semester)                                |
| A.7  | CO-PO-PSO Mapping for Current Semester (Including Labs and Mini/Design Projects) |
| A.8  | Vision and Mission Statement Review                                              |
| A.9  | Discussion on Curriculum Formation and Gap identification                        |
| A.10 | Any Other Matters                                                                |
| A.11 | Decisions & Action Points                                                        |



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### DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING Programme Assessment Committee Members:

| Members                   | Designation                    | Status in PAC   |
|---------------------------|--------------------------------|-----------------|
| Dr. R. Kalavani           | Professor                      | Member          |
| Dr. S. Poorani            | Professor                      | Member          |
| Dr. M. Sundaram           | Professor                      | Member          |
| Dr. S. Karthick           | Professor                      | Member          |
| Dr. S. Bharathidasan      | Associate<br>Professor HoD/ECE | Convener        |
| Mr. V. Thamizharasan      | Assistant Professor            | Member          |
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### DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Ref : ESEC / ECE/ PAC / MOM - 1- 2022 - 23

Dated: 05<sup>th</sup> August 2022

### PROGRAMME ASSESSMENT COMMITTEE (PAC)

### DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

#### MINUTES OF MEETING

**Date of Meeting: 05.08.2022      Time: 11.00 AM      Venue: ECE Smart Classroom**

The following members attended the PAC meeting

| Members                   | Designation                    | Status in PAC   | Signature |
|---------------------------|--------------------------------|-----------------|-----------|
| Dr. R. Kalavani           | Professor                      | Member          |           |
| Dr. S. Poorani            | Professor                      | Member          |           |
| Dr. M. Sundaram           | Professor                      | Member          |           |
| Dr. S. Karthick           | Professor                      | Member          |           |
| Dr. S. Bharathidasan      | Associate<br>Professor HoD/ECE | Convener        |           |
| Mr. V. Thamizharasan      | Assistant Professor            | Member          |           |
| Mr. M. Karthikkumar       | Assistant Professor            | Member          |           |
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| Ms. C. Mekala             | Assistant Professor            | Member          |           |
| Mr. M. Balamurugan        | Assistant Professor            | Member          |           |
| Mrs. K. R. Priyadharshini | Assistant Professor            | Member          |           |
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| Mr. S. Gladson            | Assistant Professor            | PAC Coordinator |           |
| Ms. R. Savitha            | Assistant Professor            | Member          |           |
| Ms. N. R. Raghapriya      | Assistant Professor            | Member          |           |
| Mrs. N. Gomathi           | Assistant Professor            | Member          |           |
| Ms. J. Jasmin Shifa       | Assistant Professor            | Member          |           |

With reference to the circular dated 27<sup>th</sup> July 2022, Program Assessment Committee members had assembled at ECE Smart Class Room.



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The following points were discussed during the meeting and the minutes were recorded as below

#### 1. Welcome Address

- The meeting began with a welcome address by the PAC Coordinator, who greeted all members and expressed appreciation for their participation. The Chairperson extended a warm welcome and highlighted the importance of the meeting for continuous quality improvement.
- Dr. S. Bharathidasan, HoD/ECE welcomed the new faculty members and briefed them about the NBA process and Outcome Based Education (OBE) to them.

#### 2. Action Taken Report on Previous Meeting Decisions

- The committee reviewed the decisions from the previous meeting and the status of action taken. Most action points were implemented successfully, and pending points were scheduled for completion in the current semester.

#### 3. CO-PO-PSO Attainment Level for AY 2020-2021

- Attainment levels for Course Outcomes (COs), Programme Outcomes (POs), and Programme Specific Outcomes (PSOs) for Academic Year 2020-2021 were presented. The committee noted improvement in certain POs and recommended continued focus on areas where attainment was marginally below target.

#### 4. CO-PO-PSO Mapping for 2021-2022 (Even Semester)

- The mapping for the Even Semester subjects was reviewed, and justifications for the mapping were discussed. The committee approved the mapping methodology and recommended maintaining detailed records for audit purposes.

#### 5. CO-PO-PSO Attainment for 2022-2023 (Even Semester)

- Attainment levels were discussed in detail. The committee observed overall progress compared to the previous year and suggested increasing industry-



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relevant case studies and project-based learning to improve higher-order thinking outcomes.

#### 6. CO-PO-PSO Attainment for 2023-2024 (Odd Semester)

- Preliminary attainment analysis for the current semester was presented. The committee recommended close monitoring of performance in core subjects and suggested conducting remedial sessions where required.

#### 7. CO-PO-PSO Mapping for Current Semester (Including Labs and Mini/Design Projects)

- Mapping for theory, lab, and mini/design projects was reviewed. Members suggested strengthening PO mapping for design-oriented courses and including interdisciplinary project opportunities.
- CO-PO mapping for the subject 19EC503 -MICROPROCESSOR, MICROCONTROLLER AND INTERFACING has been discussed Course Name : **19EC503-MICROPROCESSOR, MICROCONTROLLER AND INTERFACING**

#### 8. Vision and Mission Statement Review

- The Vision and Mission of the department, along with POs, PSOs, and PEOs, were reviewed. Minor refinements were proposed to better reflect current industry expectations and academic objectives. Final updates will be presented in the Governing Council meeting.
- The Vision, Mission statement of the department, POs, PSOs, and PEOs was presented by Ms. C. Mekala, AP/ECE and discussed

#### 9. Discussion on Curriculum Formation and Gap identification

- The PAC members discussed about the action to be carried out for identified Curriculum gaps for the regulation 2019 as follows:

□ Content beyond syllabus



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- Value added course
- Industrial Guest lectures
- Industrial visit / In-plant Training
- Internship
- Workshops/ Hands-on training
- Certification courses (placement)
- To address the regulatory gap identified in R19, the committee members suggested introducing integrated theory with lab components in the R23 curriculum to ensure comprehensive practical understanding and skill development.

#### 10. Any Other Matters

- Encouragement of students to participate in hackathons, technical fests, and national-level competitions.
- Proposal to integrate more NPTEL and MOOC courses into the curriculum plan.
- Emphasis on documentation of all academic and co-curricular activities for quality audits.

#### 11. Decisions & Action Points:

1. Discussion on Vision, Mission statement of the department, POs, PSOs, and PEOs.
2. Conduct remedial sessions for low-attainment courses.
3. Introduce value-added courses to address identified curriculum gaps.
4. Enhance project-based learning and industry collaboration.
5. Maintain detailed proof of all academic activities for compliance and accreditation purposes.

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## DEPARTMENT ACADEMIC ADVISORY COMMITTEE (PAC)

### SNAP SHOT