

CHETTINAD COLLEGE OF ENGINEERING & TECHNOLOGY, KARUR
Department of Electrical and Electronics Engineering

Ref.: EEE/PAEC/2024-25/02

Date: 04.04.2025

Circular

All Programme Assessment and Evaluation Committee (PAEC) members are requested to attend the meeting scheduled on 16.04.2025 (Wednesday) at 11.00 AM at G Block Seminar Hall. The meeting will be conducted to review and discuss the following agenda:

Agenda:

- Review of Previous Meeting
- Dissemination of Vision, Mission, PEOs, and PSOs
- Evaluation of Program Effectiveness
- Teaching and Learning Practices
- Impact Analysis of Internships/Industrial Visits
- Result Analysis for 2024-25 Odd Semester
- Analysis of PO and PSO Attainment for the Odd Semester of 2024-25 and Overall Attainment for Batch-14(2020-24)
- Research and Development, Faculty Participation
- Student Participations in Co-Curricular and Extra-Curricular Activities
- Proposed Changes or Revisions (if any)

All members are requested to be present and actively contribute to the discussions for the continuous improvement of the department.

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CHETTINAD COLLEGE OF ENGINEERING & TECHNOLOGY, KARUR

Department of Electrical and Electronics Engineering

Programme Assessment and Evaluation Committee (PAEC) Meeting-II

Ref.: EEE/PAEC/2024-25/02

Date: 16.04.2025

The Minutes of the meeting of the Programme Assessment and Evaluation (PAEC) Committee is presented below.

The Head of the Department conducted a meeting with Programme Assessment and Evaluation Committee Members on 16.04.2025 (Wednesday) at 11.00 AM in the G Block Seminar Hall and discussed the following points.

The Convener Mr.N.Vijayarathi, AP & Head / EEE welcomed the PAEC Members for the PAEC Meeting-II and reiterated the agenda of the meeting. The Members Present are:

S.No.	PAEC Members	Designation
1.	Mr.N.Vijayarathi (Convener)	Assistant Professor & Head, Department of EEE, Chettinad College of Engineering and Technology
2.	Dr.M.Senthil Kumar	Professor, Department of EEE, Chettinad College of Engineering and Technology
3.	Dr.P.Pounraj	Associate Professor, Department of EEE, Chettinad College of Engineering and Technology
4.	Mrs.A.Bhuvaneswari	Assistant Professor, Department of EEE, Chettinad College of Engineering and Technology
5.	Mr.P.Pandi	Assistant Professor, Department of EEE, Chettinad College of Engineering and Technology
6.	Mrs.S.Malarkodi	Assistant Professor, Department of EEE, Chettinad College of Engineering and Technology
7.	Dr.T. Gobinath	Associate Professor, Department of CSE, Chettinad College of Engineering and Technology
8.	Mr.M.Prabhakaran	Assistant Professor, Department of ECE, Chettinad College of Engineering and Technology

9.	Mrs. N.Prabha	Assistant Professor, Department of MBA, Chettinad College of Engineering and Technology
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The Meeting Agenda is as follows:

- Review of Previous Meeting
- Dissemination of Vision, Mission, PEOs, and PSOs
- Evaluation of Program Effectiveness
- Teaching and Learning Practices
- Impact Analysis of Internships/Industrial Visits
- Result Analysis for 2024-25 Odd Semester
- Analysis of PO and PSO Attainment for the Odd Semester of 2024-25 and Overall Attainment for Batch-14(2020-24)
- Research and Development, Faculty Participation
- Student Participations in Co-Curricular and Extra-Curricular Activities:
- Proposed Changes or Revisions (if any)

1. Review of Previous Meeting		(Mr.N.Vijayasarithi, AP & Head/EEE)
Points delivered by the PAEC Members	Suggestions given by the PAEC Members	Remarks with Target Date and Responsibility
<p>The Convener, Mr.N.Vijayasarithi, AP/EEE, presented the following key points during the meeting:</p> <ul style="list-style-type: none"> • As per the recommendations made during the PAEC Meeting-I (2024-25), he gave a comprehensive presentation on the implemented areas as follows: <ul style="list-style-type: none"> ❖ IEI student chapter was inaugurated with the Resource Person Dr. S. Dharmalingam, Former General Manager, BHEL-Trichy. ❖ Value added Course on on, “Power Supply Design – From Concept to Fabrication” conducted by external and internal resource persons (II EEE). 	<p>Convener suggested maintaining these achievements for all upcoming academic years</p>	<p>Remarks: All completed activity and department plans should be maintained clearly and periodically it should be updated in EEE webpages</p> <p>Target Date: Continuous</p> <p>Responsible Person: All Faculty Members</p>

<ul style="list-style-type: none"> ❖ Value added Course on on “Design and Implementation of 1.5KW ON/OFF Grid for Solar Energy System” (III EEE) ❖ Examination of curriculum gaps and appropriate measures taken to address them. ❖ Increased student participation in inter-college events. ❖ Growth in SCI/SCOPUS/peer-reviewed journal publications. ❖ Higher faculty participation in FDPs and workshops. ❖ More number of Technical contests was conducted for all years. ❖ Highlighted that a significant increase in NPTEL exam registrations was observed among students. 		
2. Dissemination of Vision and Mission of the department (Mr.N.Vijayasarathi, AP & Head/EEE)		
Points delivered by the PAEC Members	Suggestions given by the PAEC Members	Remarks with Target Date and Responsibility
<ul style="list-style-type: none"> Explained the department Vision, Mission, Program Educational Objectives (PEOs), Program Specific Outcomes(PSOs) and its dissemination details and also presented consistency of PEOs with Mission of the department. 	-	-
3. Evaluation of Program Effectiveness (Mrs. A.Bhuvaneswari, AP/EEE)		
Points delivered by the PAEC Members	Suggestions given by the PAEC Members	Remarks with Target Date and Responsibility
<ul style="list-style-type: none"> Highlighted strategies to improve the quality of projects by translating theoretical concepts into practical applications, and shared valuable insights regarding placement drives 	Dr. T.Gobinath, ASP/CSE suggested adding more hours for project work and recommended implementing regular mock interviews and	Remarks: Convener emphasized the need to allocate extra hours for project discussions and instructed that the status of the work be updated by the

	technical assessments for placement readiness.	end of the designated project day. Target Date: Continuous Responsible Person: Mr.P.Pandi and all class incharges
4. Teaching and Learning Practices (Dr.M.Senthilkumar, Prof/EEE)		
Points delivered by the PAEC Members	Suggestions given by the PAEC Members	Remarks with Target Date and Responsibility
<ul style="list-style-type: none"> Curriculum Gap and Content Beyond Syllabus(CBS): Curricular gap identified areas: Regulation-2021 <ul style="list-style-type: none"> Software / Simulation Tools Programming Skills Electric Vehicle Technology Sustainable Energy Aptitude Training, Soft skills Training 	Faculty members are advised to include content beyond the syllabus in the lesson plan, ensuring it is related to practical exercises, projects, or industry-relevant topics.	Remarks: The concerned subject in-charges were instructed to submit the lesson plan and course committee meeting minutes, including the content beyond the syllabus, at the start of the semester Target Date: August 1 st week, 2025 Responsible person: Concern subject incharges Concern subject incharges
<ul style="list-style-type: none"> Value Added Courses Informed that as per the suggestion of PAC and PAEC members, the details of the completed Value Added Courses — Fundamentals of Matlab –II EEE and Hands on Training on "Design and Fabrication of Regulated Power Supply" for - III EEE during the academic year 2024-25 (Odd semester) were shared 	Dr.T.Gobinath, ASP/CSE suggested to encourage the students to do the mini projects by applying the skills learned in the VAC.	Target Date: Continuous Responsibility: All Faculty Members
Presented the Naan Mudhalvan Courses completed details as follow: <ul style="list-style-type: none"> Electric & Hybrid Vehicles Professional Development 	Mr.N.Vijayasarithi, AP/EEE recommended encouraging students to "PCB design using	Target Date: July 2025 Responsibility: Course Instructor

<ul style="list-style-type: none"> IBM (IoT) 	fusion" course offered by Naan Mudhalvan.	
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5. Impact Analysis of Internships/Industrial Visits (Mr.P.Pandi, AP/EEE)

<ul style="list-style-type: none"> Presented the details of students' Internships, In-Plant Training, and Industrial Visits, along with information about the Summer Internship included in the Regulation 2021 Curriculum and its impacts Impact: Provided exposure to corporate culture, work ethics, and time management and also fostered creativity and innovation by exposing students to cutting-edge technologies 	Mr.M.Prabhakaran, AP/ECE recommended to implement a structured feedback system to assess learning outcomes from internships and industrial visits.	Target Date: Continuous Responsibility: All Faculty Members
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6. Result Analysis for 2024-25 (Odd Semester) (Mrs.S.Malarkodi, AP/EEE)

Points delivered by the PAEC Members	Suggestions given by the PAEC Members	Remarks with Target Date and Responsibility																				
<div><div><div>● Reviewed overall student performance, highlighting pass percentages, subject-wise strengths, and areas of concern.</div></div><div><div>Nov/Dec 2024</div><table><thead><tr><th>Year /Sem</th><th>Total Number of Students</th><th>All Pass</th><th>All Pass %</th></tr></thead><tbody><tr><td>I Year / I Sem</td><td>31</td><td>25</td><td>80.65</td></tr><tr><td>II Year / III Sem</td><td>35</td><td>17</td><td>48.57</td></tr><tr><td>III Year / IV Sem</td><td>40</td><td>25</td><td>62.5</td></tr><tr><td>IV Year / VII Sem</td><td>26</td><td>22</td><td>84.6</td></tr></tbody></table><div><div>Anna University Nov/ Dec - 2024</div><div><div><div><div><div>% Pass</div><div>100</div><div>80</div><div>60</div><div>40</div><div>20</div><div>0</div></div><div><div>I</div><div>II</div><div>III</div><div>IV</div></div><div><div>80.65</div><div>48.57</div><div>62.5</div><div>84.6</div></div></div><div><div>Year</div></div></div></div></div></div></div>	Year /Sem	Total Number of Students	All Pass	All Pass %	I Year / I Sem	31	25	80.65	II Year / III Sem	35	17	48.57	III Year / IV Sem	40	25	62.5	IV Year / VII Sem	26	22	84.6	<div><div>Suggested to conduct additional classes on Low percentile subjects in the next academic year and incorporate any active learning methods</div></div>	<div><div>Target Date: Continuous</div><div>Responsibility: Concern subject Incharge</div></div>
Year /Sem	Total Number of Students	All Pass	All Pass %																			
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7. Analysis of PO and PSO Attainment for the Odd Semester of 2024-25 and Overall Attainment for Batch-14(2020-24) (Dr.P.Pounraj, ASP /EEE)

Batch	Duration	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
OVERALL PO & PSO ATTAINMENT- Batch 14	2021-2025	2.11	1.42	1.52	1.62	1.68	1.72	1.43	1.71	1.81	2.01	2.62	1.73	2.01	1.89	1.67

Points delivered by the PAEC Members	Suggestions given by the PAEC Members	Remarks with Target Date and Responsibility
<ul style="list-style-type: none"> Reviewed the attainment levels of POs and PSOs for the academic year 2024-25 (Odd) Semester, Overall attainment for Batch-14 and discussed the measures to implement for enhancing low-scoring areas 	<ul style="list-style-type: none"> Convener advised all EEE faculty members to incorporate more real-world examples and case studies aligned with the specific PO/PSO. Convener emphasized the need for faculty members to focus more on the weaker PO/PSO areas to improve attainment levels. 	<p>Remarks: Review of progress will be conducted in the mid of the semester</p> <p>Target Date: September 2025</p> <p>Responsible Person: All Faculty Members</p>

8. Research and Development , Faculty Participation

(Mr.P.Pandi, AP /EEE)

Points delivered by the PAEC Members	Suggestions given by the PAEC Members	Remarks with Target Date and Responsibility
<ul style="list-style-type: none"> Discussed faculty participation in Faculty Development Programs (FDPs), Training Activities, Short-Term Training Programs (STTPs), and research contributions, including publications in indexed journals. 	<ul style="list-style-type: none"> Suggested applying for more grants from funding agencies to support research and development activities, and also recommended filing patents for the projects that receive funding 	<p>Remarks: Each faculty member must publish at least one paper in an IEEE conference, Scopus-indexed journal, or SCI journal</p> <p>Target Date : Continuous</p> <p>Responsible Person: All Faculty Members</p>

9. Student Participations in Co-Curricular and Extra-Curricular Activities

(Dr.P.Pounraj, ASP /EEE)

Points delivered by the PAEC Members	Suggestions given by the PAEC Members	Remarks with Target Date and Responsibility
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<ul style="list-style-type: none"> Presented the details of students' involvement in technical events, paper presentations, hackathons, coding competitions, and project expos at institutional, national, and international levels Shared the details of students participation in sports, cultural events, NSS, and social outreach programs. 	<p>Mrs. N.Prabha, AP/MBA suggested to integrate NPTEL, Coursera, Udemy, AWS, AICTE internships certifications with regular coursework to improve employability.</p>	<p>Target Date : Continuous Responsibility: All Faculty Members and Students</p>
<p>10. Proposed Changes or Revisions (if any) provided by the PAEC Members:</p> <ul style="list-style-type: none"> Mr.N.Vijayasarithi, AP & Head of EEE, verified the Course End Survey for the 2024-25 ODD Semester. Dr.M.Senthilkumar, Prof/EEE, enquired about students pursuing higher studies and entrepreneurship. Mrs.A.Bhuvaneswari, AP/EEE enquired about the effective utilization of innovative teaching practices. Dr.T.Gobinath, ASP/CSE verified the proof of Value-Added Courses conducted and their updates on the website. Mr.M.Prabhakaran, AP/ECE, recommended updating details of events conducted, programs organized, student participation, placement activities, and faculty participation/publications on the department webpage weekly. Discussions were held regarding NBA criteria-wise documentation and program file preparations. 		
<p>Prepared by:</p> <p><i>N. Vignesh</i> 21/4/2025 HEAD, Department of Electrical and Electronics Engineering, Chettinad College of Engineering & Technology, NH 67, Trichy Main Road, PULIYUR - 639 114. KARUR - DT.</p>	<p>Approved by:</p> <p><i>A. Punitha</i> 21/4/25 Dr. A.Punitha PRINCIPAL Chettinad College of Engineering & Technology PULIYUR - CF, KARUR (Dt)-639 114.</p>	

Copy to: 1. Circulate among all members for needful action

2. Department File

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