

CHETTINAD COLLEGE OF ENGINEERING & TECHNOLOGY, KARUR

Department of Electronics and Communication Engineering

Programme Assessment and Evaluation Committee (PAEC) Meeting-II

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

Date: 09.04.2025

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

The Head of the Department conducted a meeting with Programme Assessment and Evaluation Committee Members on 09.04.2025 (Wednesday) at 11.00 AM in the C Block Seminar Hall and discussed the following points.

The Convener Dr.M.Kumar 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.	Dr.M.Kumar	Professor & Head, Department of ECE, Chettinad College of Engineering and Technology
2.	Mr. R.Rajkumar	Associate Professor, Department of CSE, Chettinad College of Engineering and Technology
3.	Mr.N.Murugesan	Assistant Professor, Department of MBA, Chettinad College of Engineering and Technology
4.	Mrs.S.Suguna	Assistant Professor/Maths, Chettinad College of Engineering and Technology
5.	Dr.M.Mahesh	Associate Professor, Department of ECE, Chettinad College of Engineering and Technology
6.	Mr.P.Selvan	Associate Professor, Department of ECE, Chettinad College of Engineering and Technology
7.	Mr.M.Prabhakaran	Assistant Professor, Department of ECE, Chettinad College of Engineering and Technology
8.	Ms.D.Ragavi	Assistant Professor, Department of ECE, Chettinad College of Engineering and Technology
9.	Mrs.A.Karthikeyani	Assistant Professor, Department of ECE, Chettinad College of Engineering and Technology

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
- 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
- Encouragement of Projects, Working Models, and Research Initiatives:
 - Paper Publications and Presentations
- Proposed Changes or Revisions (if any)

1. Review of Previous Meeting		(Dr.M.Kumar, Prof. & Head/ECE)
Points delivered by the PAEC Members	Suggestions given by the PAEC Members	Remarks with Target Date and Responsibility
<p>The Convener, Dr. M. Kumar, 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"> ❖ IEl student chapter was inaugurated with the Resource person Dr. S. Dharmalingam, Former General Manager, BHEL-Trichy ❖ A Three Day hands-on training program on, “System Verilog for Functional Verification: Concepts to Practice” conducted by external and internal resource persons (III ECE). ❖ A Three Day hands-on training program on “IoT Systems using CISCO Packet Tracer hands-on training” (II ECE). ❖ Entrepreneurship Awareness Programme was conducted by the Entrepreneurship Development Cell (IV ECE). ❖ Examination of curriculum gaps and appropriate measures taken to address 	<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 ECE webpages</p> <p>Target Date: Continuous</p> <p>Responsible Person: All Faculty Members</p>

<p>them.</p> <ul style="list-style-type: none"> ❖ Increased student participation in inter-college events. ❖ Growth in SCI/UGC CARE/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 (Dr.M.Kumar, Prof. & Head/ECE)		
Points delivered by the PAEC Members	Suggestions given by the PAEC Members	Remarks with Target Date and Responsibility
<ul style="list-style-type: none"> • Emphasized on aligning academic and research activities with the department's vision and mission. 	<p>Convener suggested the faculty members to encourage students to take up projects in thrust areas mentioned in the department vision/mission.</p>	<p>Remarks: Convener stressed the importance of guiding students to work on innovative projects that reflect the department's vision and mission</p> <p>Target Date: Continuous</p> <p>Responsible Person: Class Incharges and all faculty members</p>
3. Evaluation of Program Effectiveness (Dr. M. Mahesh, ASP/ECE)		
<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 	<p>Dr. M. Mahesh suggested adding more hours for project work and recommended implementing regular mock interviews and technical assessments for placement readiness.</p>	<p>Remarks: Convener emphasized the need to allocate extra hours for project discussions and instructed that the status of the work be updated by the end of the designated project day.</p> <p>Target Date: Continuous</p> <p>Responsible Person: Mr.P.Selvan and all class incharges</p>

4. Teaching and Learning Practices (Mr.P.Selvan, ASP/ECE)		
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"> ❖ Networking Tools ❖ IoT Platform and its Applications ❖ VLSI Design Tools ❖ PCB Designing and Simulation ❖ Microcontroller and its Applications ❖ MATLAB, C Programming Skills ❖ Aptitude Training and Soft Skills Training ❖ Project based Learning ❖ Applications of ML in image processing 	<p>Mr. P. Selvan asked all faculty members to include content beyond the syllabus in the lesson plan, ensuring it is related to practical exercises, projects, or industry-relevant topics.</p>	<p>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</p> <p>Target Date: August 1st week, 2025</p> <p>Responsible person: Concern subject incharges</p>
<ul style="list-style-type: none"> Value Added Courses and Naan Mudhalvan Courses: <ul style="list-style-type: none"> ❖ Presented the details of Value Added Courses conducted and the Naan Mudhalvan course electives chosen by the students 	<ul style="list-style-type: none"> Mr.M.Prabhakaran Suggested to organize a Value Added Course (VAC) on PIC microcontrollers or other embedded/AI-related topics through external resource persons, and to conduct technical training for final-year students internally. Upon completion of the VAC, an analysis of the impact of the conducted courses should be carried out Naan Mudhalvan faculty mentor should analyse the course electives and discuss them with the students prior to their selection 	<p>Remarks: The concerned in-charge should submit the impact report, ensuring that student reflections are documented, and submit the same within two days of course completion</p> <p>Target Date: Two days after course completion</p> <p>Responsible Person: Faculty Members</p>
5. Result Analysis for 2024-25(Odd Semester) (Dr.M.Kumar, Prof. & Head/ECE)		
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 overall student performance, highlighting pass percentages, subject-wise 	<p>Ms.D.Ragavi suggested to take utmost care for slow learners and</p>	<p>Target Date: Continuous</p> <p>Responsible Person:</p>

strengths, and areas of concern, and appreciated for securing 80% results in the AU End Semester Examination	asked faculty members to encourage bright students helping weaker peers through study circles	Concern subject Incharge
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Nov Dec 2024			
Year / Sem	Total No. of Students	All Pass	All Pass %
IV Year / VII Sem	43	39	90.7
III Year / V Sem	59	43	72.88
II Year / III Sem	58	41	70.69
I Year / I Sem	49	46	93.88
Total	209	169	80.86

Result Comparison of Last 3 Semesters

The bar chart displays the All Pass Percentage for three consecutive semesters. The Y-axis represents the All Pass Percentage from 0 to 100. The X-axis represents the Year / Sem. The data points are: Nov Dec 2023 (58.22%), Apr May 2024 (78.4%), and Nov Dec 2024 (80.86%).

Year / Sem	All Pass Percentage
Nov Dec 2023	58.22
Apr May 2024	78.4
Nov Dec 2024	80.86

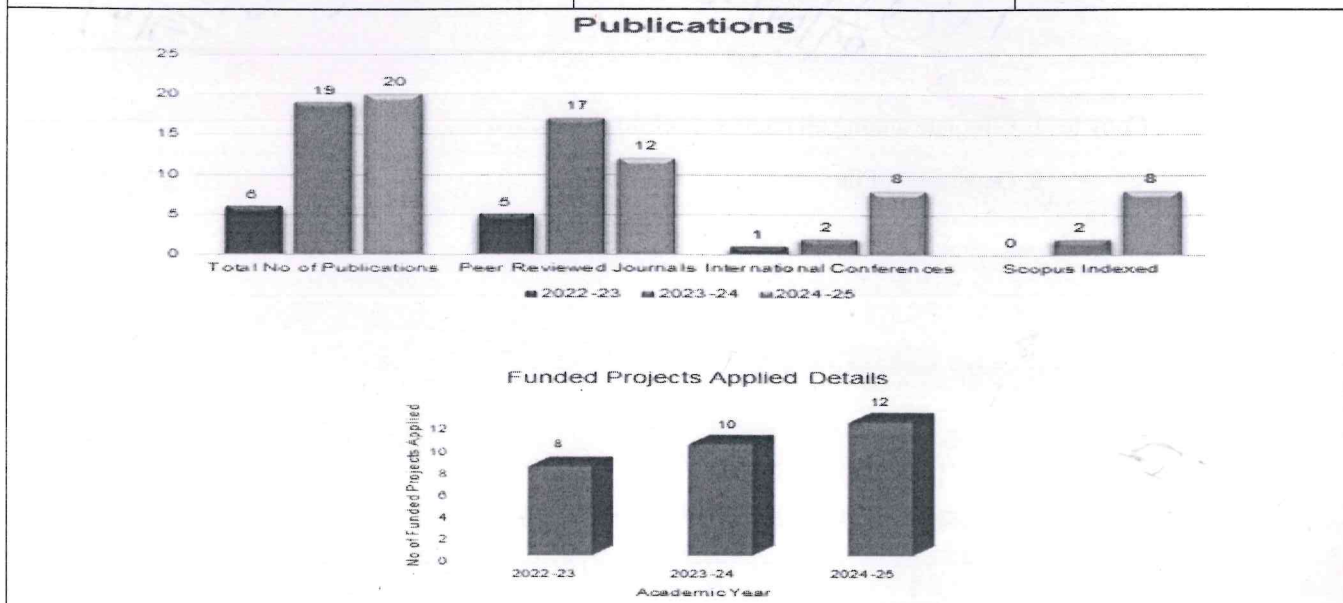
6. Analysis of PO and PSO Attainment for the Odd Semester of 2024-25 and Overall Attainment for Batch-14(2020-24) **(Dr.M.Kumar, Prof. & Head/ECE)**

Points delivered by the PAEC Members					Suggestions given by the PAEC Members										Remarks with Target Date and Responsibility				
Batch	Duration	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3			
Overall PO & PSO Attainment – B14	2020-2024	2.39	1.99	1.87	1.71	1.47	1.39	2.27	1.86	2.52	2.56	1.64	1.68	2.05	1.85	1.53			
<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 ECE faculty members to incorporate more real-world examples and case studies aligned with the specific PO/PSOConvener 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>							

7. Research and Development , Faculty Participation **(Dr.M.Kumar, Prof. & Head/ECE)**

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 	<ul style="list-style-type: none"> Suggested applying for more grants from funding agencies to 	<p>Remarks: Each faculty member must publish at</p>

Activities, Short-Term Training Programs (STTPs), and research contributions, including publications in indexed journals.	support research and development activities, and also recommended filing patents for the projects that receive funding	least one paper in an IEEE conference, Scopus-indexed journal, or SCI journal Target Date : Continuous Responsible Person: All Faculty Members
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8. Encouragement of Projects, Working Models, and Research Initiatives

(Dr.M.Kumar, Prof. & Head/ECE)

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 three projects that received funding of Rs.10,000/- each from Niral Thiruvizha 2.0, and also shared the list of projects completed under society, research, and application-oriented categories. 	<p>Convener recommended that all faculty members should apply for grants for conducting FDP or any other Entrepreneurship awareness programmes .</p>	<p>Target Date : Continuous Responsible Person: All Faculty Members</p>

10. Proposed Changes or Revisions (if any) provided by the PAEC Members:

- Dr. M. Kumar, Professor & Head of ECE, verified the Course Coordination Committee meeting minutes, content beyond the syllabus, and lesson plans.
- Dr. M. Kumar, Professor & Head of ECE, informed that AICTE-Idea lab visit will be arranged for the students in the upcoming semester.
- Mr. P. Selvan, ASP/ECE, recommended increasing the number of technical events for all years.
- Mr.R.Rajkumar, ASP/CSE verified the subject activity file and course file of a 4 credit subject as well as Theory +Lab subject.
- Dr.M.Kumar, Professor & Head of ECE, verified all subject attainments along with the course files and informed about the corrections to be made.
- Mr.M.Prabhakaran,AP/ECE, informed that an inter-college Paper/Poster presentation, sponsored by IEI Local

chapter is planned to be conducted.

- Ms.D.Ragavi, AP/ECE verified the Faculty Contribution File and informed the necessary to the corrections to the concerned faculty incharge.
- Mr.R.Rajkumar, ASP/CSE, reviewed and verified the result analysis for the 2024-25 Odd semester.
- All PAEC members discussed about NBA criteria and program file preparation.

Prepared by:

M. Rajkumar
09/04/25

Approved by:

MS
9/4/25

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

2. Department File

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Attendance Program Assessment and Evaluation Committee (PAEC) Meeting-II

Date: 09.04.2025

S.No.	Name of the Members	Designation	Organization/Institute	Signature
01.	Dr. M. Kumar	HOD/ECE	CNCET	M. Kumar 9/4/25
02.	R. Rajkumar	ASP/CSE	CNCET	R. Rajkumar 9/4/25
03.	M. MURUGESAN	AP/MBA	CNCET	M. MURUGESAN 9/4/25
04.	S. Suguna	AP/Maths	CNCET	S. Suguna 9/4/25
05.	Dr. M. Mahesh	AP/ECE	CNCET	Dr. M. Mahesh 9/4/25
06.	P. SELVAN	ASP/ECE	CNCET	P. Selvan 9/4/25
07.	M. PRABHAKARAN	AP/ECE	CNCET	M. PRABHAKARAN 9/4/25
08.	D. Ragan	AP/ECE	CNCET	D. Ragan 9/4/25
09.	A. KARTHIREYANI	AP/ECE	CNCET	A. KARTHIREYANI 9/4/25

HoD/ECE

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02.	R. Rajkumar	ASP/ECE	CNCET	R. Rajkumar 9/4/25
03.	P. Murugesan	AP/MBA	CNCET	P. Murugesan 9/4/25
04.	S. Suguna	AP/Maths	CNCET	S. Suguna 9/4/25
05.	Dr. M. Mahesh	AP/ECE	CNCET	Dr. M. Mahesh 9/4/25
06.	P. Selvan	ASP/ECE	CNCET	P. Selvan 9/4/25
07.	M. Prabhakaran	AP/ECE	CNCET	M. Prabhakaran 09/04/2025
08.	D. Ragan	AP/ECE	CNCET	D. Ragan 9/4/25
09.	A. Karthikeyan	AP/ECE	CNCET	A. Karthikeyan 9/4/25

M. Kumar
09/04/25
HOD/ECE