CHETTINAD COLLEGE OF ENGINEERING & TECHNOLOGY, KARUR

Department of Electronics and Communication Engineering

Programme Assessment and Evaluation Committee (PAEC) Meeting-II

Ref.: ECE/PAEC/2023-24/02   Date: 29.04.2024

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 26.04.2024 (Monday) 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.	Name of the 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.	Ms.S.Suguna	Assistant Professor/Maths, Chettinad College of Engineering and Technology
5.	Mr.P.Selvan	Associate Professor, Department of ECE, Chettinad College of Engineering and Technology
6.	Mr.M.Prabhakaran	Assistant Professor, Department of ECE, Chettinad College of Engineering and Technology
7.	Ms.D.Ragavi	Assistant Professor, Department of ECE, Chettinad College of Engineering and Technology
8.	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 and Mission of the department
- Teaching and Learning Methods Practiced
- Discussion of Naan Mudhalvan Courses
- Impact Analysis of Internships/Industrial Visits
- Result Analysis for 2023-24(Odd Semester)
- Attainment COs, POs and PSOs with program effectiveness-2023-24(Odd Semester)
- Review of Faculty Contribution
- Student Participations in Co-Curricular and Extra-Curricular Activities, Mentoring
- Continuous Improvement-Department Progress
- Proposed Changes or Revisions (if any)

1. Review of Academic Year 2023-24 PAEC Meeting-I Minutes　　(Dr.M.Kumar, Prof. & Head/ECE)

Points discussed by the PAEC Members	Suggestions given by the PAEC Members	Remarks with Target Date and Responsibility
The Convener, Dr. M. Kumar, presented the following key points during the meeting: • The recommendations made by the PAEC members in the previous meeting were presented in detail, along with the outcomes of the implemented activities	-	The PAEC minutes should be circulated to all faculty members within 2 days **Target Date**: Continuous **Responsibility**: Mr.P.Selvan, ASP/ECE

2. Dissemination of Vision and Mission of the department　　(Dr.M.Kumar, Prof. & Head/ECE)

Points discussed by the PAEC Members	Suggestions given by the PAEC Members	Remarks with Target Date and Responsibility
• 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.Teaching and Learning Methods Practiced　　(Mr.P.Selvan, ASP/ECE)

Points discussed by the PAEC Members	Suggestions given by the PAEC Members	Remarks with Target Date and Responsibility
• **Curriculum Gap and Content Beyond Syllabus(CBS):** Suggested that, for Regulation-2021	Faculty members are advised to incorporate relevant topics where required.	**Remarks:** The subject in-charges were asked to submit a plan for conducting CBS topics and to

EC3354-Signals and Systems EC3551-Transmission Lines and RF Systems EC3501 - Wireless Communication EC3552- VLSI and Chip Design Subjects, additional content beyond the syllabus is necessary due to its significance in enhancing conceptual understanding and industry relevance.		include in Course Coordination Committee Meeting Minutes **Target Date**: Upcoming semester **Responsibility**: Concern subject incharges
• **Value Added Courses** Informed that as per the suggestion of PAC and PAEC members, the details of the completed Value Added Courses— ❖ IoT Systems using CISCO Packet Tracer (II-ECE) ❖ Digital Design with VERILOG HDL and XILINX VIVADO (II ECE) ❖ VLSI Design and Modules using Xilinx Vivado (III ECE) ❖ Circuit Simulator & PCB Design ❖ C Programming —conducted during the academic year 2023-24 (Odd semester) were shared	Mr. M. Rajkumar, ASP/CSE was commended for successfully conducting multiple Value Added Courses	**Target Date:** Continuous **Responsibility**: All Faculty Members

4. Discussion of Naan Mudhalvan Courses   (Mrs.A.Karthikeyani, AP/ECE)

Points discussed by the PAEC Members	Suggestions given by the PAEC Members	Remarks with Target Date and Responsibility
• Presented the Naan Mudhalvan Courses completed details as follow: ❖ Professional Readiness for Innovation, Employment & Entrepreneurship ❖ Machine Learning ❖ Microsoft Office Essentials	Convener Dr. M. Kumar recommended encouraging students to explore the Industrial Internet of Things & Industry 4.0 course offered by Naan Mudhalvan.	**Target Date**: July 2024 **Responsibility**: Course Instructor

5. Impact Analysis of Internships/Industrial Visits   (Mr.M.Prabhakaran, AP/ECE)

Points discussed by the PAEC Members	Suggestions given by the PAEC Members	Remarks with Target Date and Responsibility
• Presented the details of students'	Dr.M.Kumar recommended to	**Target Date**: Continuous

| 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 | Implement a structured feedback system to assess learning outcomes from internships and industrial visits | **Responsibility:** All Faculty Members |

5. Result Analysis for 2023-24(Odd Semester)   (Dr.M.Kumar, Prof. & Head/ECE)

Points discussed by the PAEC Members	Suggestions given by the PAEC Members	Remarks with Target Date and Responsibility
• Reviewed overall student performance, highlighting pass percentages, subject-wise strengths, and areas of concern	Suggested to conduct additional classes on Low percentile subjects in the next academic year and incorporate any active learning methods	**Target Date:** Continuous **Responsibility:** Concern subject Incharge

6. Attainment COs, POs and PSOs with program effectiveness   (Dr.M.Kumar, Prof. & Head/ECE)

Points discussed by the PAEC Members	Suggestions given by the PAEC Members	Remarks with Target Date and Responsibility
• Presented the Attainment Level of POs and PSOs in 2023-24 (Odd) and action taken to improve attainment level in the academic year 2024-25 (Odd) • Discussed the corrective measures to take for attaining the POs and PSOs	Requested to identify the steps for improving the attainment and to add tutorial hours for subjects that did not meet the attainment levels	**Remarks:** Need to make plan for active learning methods **Target Date:** July 2023 **Responsibility:** All Faculty Members

7. Review of Faculty Contribution   (Dr.M.Kumar, Prof. & Head/ECE)

Points discussed by the PAEC Members	Suggestions given by the PAEC Members	Remarks with Target Date and Responsibility

• Presented:
  ❖ Details of Faculty Ph.D Completed and pursuing Ph.D, Books Published, Faculty Interaction with outside world
  ❖ Details of the sanctioned project from TNSCST and its implementation progress
  ❖ Information on funds applied for
	• Suggested to do research and register in upcoming academic year	**Target Date :** Continuous
		Responsibility: All Faculty Members

various research projects and grants
- ❖ Overview of publications by faculty members in reputed journals and conferences
- ❖ Faculty participation in research activities, workshops, and industry collaborations

8. Student Participations in Co-Curricular and Extra-Curricular Activities (Ms.D.Ragavi, AP/ECE)

Points discussed by the PAEC Members	Suggestions given by the PAEC Members	Remarks with Target Date and Responsibility
• 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, university-level and intercollegiate tournaments	Convener Dr.M.Kumar suggested to integrate NPTEL, Coursera, Udemy, AWS, AICTE internships certifications with regular coursework to improve employability.	**Target Date :** Continuous **Responsibility:** All Faculty Members and Students

9. Continuous Improvement-Department Progress   (Dr.M.Kumar, Prof. & Head/ECE)

Points discussed by the PAEC Members	Suggestions given by the PAEC Members	Remarks with Target Date and Responsibility
• Presented the details of smart class room implementation and virtual lab experiments details • Presented the details of Working models done by the students, Project submissions to the funding agencies • Technical events like debate quiz and debugging are conducted on engineer's day for effective communication on complex Engineering activities. • Students are provided with the access to NPTEL Videos • Technical refreshment hours are included in the regular time table	Senior faculty members are asked to recall and impartthe technical knowledge to the students.	**Target Date:** Continuous **Responsibility:** Mr.P.Selvan, ASP/ECE

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

- Dr. M. Kumar, Professor & Head of ECE, verified the Course End Survey for the 2023-24 Even Semester.
- Mr.M.Rajkumar, ASP/CSE, enquired about students pursuing higher studies and entrepreneurship.
- Mr. P. Selvan enquired about the effective utilization of innovative teaching practices.
- Dr. M. Kumar verified the proof of Value-Added Courses conducted and their updates on the website.
- Mr. M. Rajkumar, ASP/ECE, recommended updating details of events conducted, programs organized, student participation, placement activities, and faculty participation/publications on the department webpage weekly.
- Mr. M. Prabhakaran, AP/ECE, insisted that faculty members encourage students to undergo internships and in-plant training.
- Discussions were held regarding NBA criteria-wise documentation and program file preparations.

Prepared by:	Approved by:

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

        2. Department File

CHETTINAD COLLEGE OF ENGINEERING & TECHNOLOGY, KARUR

Department of Electronics and Communication Engineering

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

Date: 26.04.2024

S.No.	Name of the Members	Designation	Organization/Institute	Signature
1	M. KUMAR	HoD/ECE	CNCET	M. *(signed)* 26/04/24
2	R. Rajkumar	ASP/CSE	CNCET	*(signed)* 26/4/24
3	MURUGESAN. D	AP/MBA	CNCET	*(signed)* 26/4/2024
4	S. Suguna	AP/Math	CNCET	*(signed)* 26/4/24
5	P. SELVAN	ASP/ECE	CNCET	P. *(signed)* 26/4/24
6	M. PRABHAKARAN	AP/ECE	CNCET	M. *(signed)* 26/04/2024
7	D. Ragan	AP/ECE	CNCET	D. *(signed)* 26/4/24

(signed) 26/04/24

HoD/ECE