

CHETTINAD COLLEGE OF ENGINEERING & TECHNOLOGY, KARUR

Department of Electrical and Electronics Engineering

Programme Assessment and Evaluation Committee (PAEC) Meeting-I

Ref.: EEE/PAEC/2023-24/01

Date: 13.11.2023

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 13.11.2023 at 11.00 AM in the G Block Seminar Hall and discussed the following points.

The Convener Mr.N.Vijayarathi, AP & Head welcomed the PAEC Members for the PAEC Meeting-I 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.Bhuvanewari | 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. | Mrs. C. Sangeetha | Assistant Professor, Department of CSE, Chettinad College of Engineering and Technology |
| 8. | Mr.P.Selvan | Assistant Professor, Department of ECE, Chettinad College of Engineering and Technology |
| 9. | Mr.N.Murugesan | Assistant Professor, Department of MBA, Chettinad College of Engineering and Technology |

The Meeting Agenda is as follows:

- Review of Academic Year 2022-23 PAEC Meeting-II Minutes
- Dissemination of Vision and Mission of the department
- Teaching and Learning Methods Practiced
- Internships and In-plant training
- Result Analysis for 2022-23(Even Semester)
- Attainment COs, POs and PSOs with program effectiveness-2022-23(Even Semester)
- Research and Development , Faculty Participation
- Student Participations in Co-Curricular and Extra-Curricular Activities, Mentoring
- Continuous Improvements-Department Plan Execution Status
- Proposed Changes or Revisions (if any)

| 1. Review of Previous Meeting (Academic Year 2022-23 : PAEC-Meeting II) (Mr.N.Vijayasarathi, AP & Head/EEE) | | |
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| Points delivered by the PAEC Members | Suggestions given by the PAEC Members | Remarks with Target Date and Responsibility |
| <p>The Convener, Mr.N.Vijayasarathi, AP/EEE presented the following key points during the meeting:</p> <p>Discussed the suggestions and recommendations given by PAEC members in Academic Year 2022-23: PAEC-Meeting II and delivered a detailed presentation on the areas where these suggestions were implemented.</p> | - | - |
| 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 |
| <p>Faculty Members are asked to include Review of CO, PO, PSO, Vision and Mission of the department with subject orientation presentation within the lesson plan as per Principal's direction to help students understand the subject's effectiveness.</p> | <p>The Convener insisted that the Program Coordinator verify the lesson plans for all subjects.</p> | <p>Remarks: Must be strictly followed in upcoming academic years</p> <p>Target Date: Reopening Date</p> <p>Responsibility: Mrs.A.Bhuvaneswari, AP/EEE</p> |

| 3. Teaching and Learning | | |
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| (Dr.M.Senthilkumar, Prof/EEE) | | |
| Points delivered by the PAEC Members | Suggestions given by the PAEC Members | Remarks with Target Date and Responsibility |
| <p>Curriculum Gap and Content Beyond Syllabus(CBS): Suggested that, for Regulation-2021 EE3012- Electrical Drives EE3037- Power System Transients EE3009-Special Electrical Machines Regulation 2017 EE8010- Power Systems Transients OCS752- Introduction to C Programming and additional content beyond the syllabus is necessary due to its significance in enhancing conceptual understanding and industry relevance.</p> | <p>Faculty members are advised to incorporate relevant topics where required.</p> | <p>Remarks: The subject in-charges were asked to submit a plan for conducting CBS topics and to include in Course Coordination Committee Meeting Minutes Target Date: Upcoming semester Responsibility: Concern subject incharges</p> |
| <p>Value Added Courses Informed that as per the suggestion of PAC and PAEC members, the details of the completed Value Added Course— Design & Implementation of solar and wind energy systems (III-EEE) and Hands on Training on "Getting into MATLAB" —conducted during the academic year 2023-24 (Odd semester) were shared.</p> | <p>Mr.P.Selvan, AP/ECE, suggested to encourage the students to do the mini projects by applying the skills learned in the VAC.</p> | <p>Remarks: Value added Course Instructors asked to analyze the student feedback Target Date: Continuous Responsibility: Faculty Members</p> |
| <p>Value Added Experiments Listed the details of Value Added Experiments to enhance practical learning and provide students with hands-on experience beyond the regular curriculum</p> | <p>Mrs.C.Sangeetha, AP/CSE, shared that it will enhance hands-on learning and bridge the gap between theory and practice.</p> | <p>Target Date: Continuous Responsibility: Faculty Members</p> |
| 4. Internships and In-plant training | | |
| (Mr.P.Pandi, AP/EEE) | | |
| Points delivered by the PAEC Members | Suggestions given by the PAEC Members | Remarks with Target Date and Responsibility |

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| 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. | Mr.N.Vijayasarithi, AP/EEE recommended to encourage the students to undergo Internships/In-Plant Training in reputed industries and mentor the students on how to apply for internships, build resumes and approach companies. | Target Date:- Responsibility: All Faculty Members |
| 5. Result Analysis for 2022-23(Even Semester) (Mr.N.Vijayasarithi, AP & Head/EEE) | | |
| Points delivered 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 with particular emphasis on for 4 Credit subject | Target Date: Continuous Responsibility: Concern subject Incharges. |
| 6. Attainment COs, POs and PSOs with program effectiveness (Dr.P.Pounraj, ASP /EEE) | | |
| Points delivered 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 2022-23 (Even) and action taken to improve attainment level in the academic year 2023-24 (Even) and also presented the Course End Survey for the academic year 2022-23(Even) 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. Research and Development , Faculty Participation (Dr.M.Senthilkumar,Prof/EEE) | | |
| Points delivered by the PAEC Members | Suggestions given by the PAEC Members | Remarks with Target Date and Responsibility |

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| <p>Presented: Details of the sanctioned project from TNSCST and its implementation progress Information on funds applied for 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</p> | <p>Suggested to focus on publishing research in high-impact factor journals and indexed conferences</p> | <p>Target Date : Continuous Responsibility: All Faculty Members</p> |
| <p>8. Student Participations in Co-Curricular and Extra-Curricular Activities (Mrs. S.Malarkodi, AP/EEE)</p> | | |
| <p>Points delivered by the PAEC Members</p> | <p>Suggestions given by the PAEC Members</p> | <p>Remarks with Target Date and Responsibility</p> |
| <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, YRC, Rotaract, and social outreach programs, university-level and intercollegiate tournaments • Overview of the mentor-mentee system, ensuring regular interaction between faculty mentors and students | <p>Mr.N.Vijayarathi, AP/EEE 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>9. Review of Department Plan Execution Status (Mr.N.Vijayarathi, AP & Head/EEE)</p> | | |
| <p>Points delivered by the PAEC Members</p> | <p>Suggestions given by the PAEC Members</p> | <p>Remarks with Target Date and Responsibility</p> |
| <p>Presented the Department Plan Execution Status and highlighted its outcome</p> | <p>-</p> | <p>Target Date: December 2023 Responsibility: Academic Coordinator</p> |
| <p>10. Proposed Changes or Revisions (if any) provided by the PAEC Members:</p> <p>Mr.N.Vijayarathi, AP & Head/EEE verified the Course End Survey of 2022-23 Even semester Dr.M.Senthilkumar Prof/EEE suggested to generate project outcomes in terms of journal publication/patents Mr.P.Selvan, AP/ECE enquired about the effective utilization of Innovative teaching practices</p> | | |

Mrs. C. Sangeetha, AP/CSE verified the proof of Value Added Courses conducted

Mr.M.Murugesan, AP/MBA insisted the faculty members to encourage the students to undergo Internships/In-plant trainings

Faculty participation consolidation needs to be presented on NBA perspective.

Number of patents applied should be improved and target date for applying patents should be followed

Prepared by:

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13/11/23

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13/11/23

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

2. Department File

