CHETTINAD COLLEGE OF ENGINEERING & TECHNOLOGY, KARUR
Department Of Computer Science and Engineering

Circular No.: CSE/PAC/2024-2025/ 01   **Date: 01.05.2024**

<u>Circular</u>

The **Programme Advisory Committee (PAC) Meeting** for the Academic Year 2024-25 is scheduled to be held on 09.05.2024 (Thursday) at 10:30 AM in the B Block Conference Hall.

During the meeting, the committee will:

- Review the Compliance of Vision and Mission Statements of the department.
- Scrutinize the Programme Educational Objectives (PEOs).
- Assess the Attainment of Course Outcomes (COs) with Program Outcomes (POs) and Program-Specific Outcomes (PSOs) for the Academic Years 2022-23 and 2023-24.
- Discuss the academic activities for the forthcoming semester.

All concerned faculty members are requested to attend the meeting as per the schedule.

HOD/CSE

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CHETTINAD COLLEGE OF ENGINEERING & TECHNOLOGY, KARUR

Department Of Computer Science and Engineering

Programme Advisory Committee Meeting

AGENDA

Venue: B Block Conference Hall

Date: 09.05.2024

10.30 am - 10.35 am	: Welcome Address by HoD/CSE
10.35 am- 10.45 am	: Presidential Address by Principal
I0.45 am - 11.00 am	: Introduction of PAC members
11.00 am – 12.15 pm	: Presentation on Department Vision, Mission, PEO's, CO-PO, CO-PSO attainment, Program Exit Survey for the Academic years 2022-23, 2023-24, Comprehensive Departmental Review & Progress
12.15 pm – 12.45 pm	: Suggestions from Stakeholders on academic activities for the forthcoming academic year
12.45 pm - 12.50 pm	: Vote of Thanks by HoD/CSE

9/5/24

HOD/CSE

CHETTINAD COLLEGE OF ENGINEERING & TECHNOLOGY, KARUR

Department Of Computer Science and Engineering
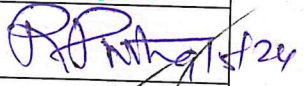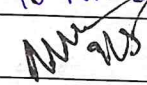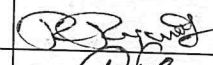
Programme Advisory Committee Meeting
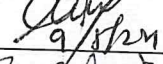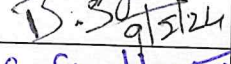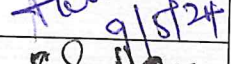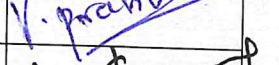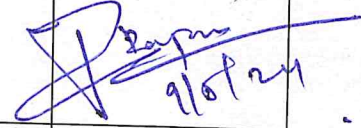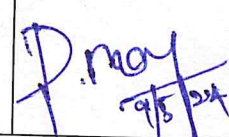
Minutes of meeting

Venue: B Block conference hall

Date: 09.05.2024

The Programme Advisory Committee Meeting was held on 09.05.2024.

Members Present:

S.No	Type of Stakeholders	Stakeholders	Name & Designation	Signature
1		Principal	**Dr. A. Punitha, Principal**	
2	Internal Stakeholders	HOD/CSE	**Dr. R. Punithavathi, HOD/CSE**	
		Faculty Members	Dr. T. Gobinath, ASP/CSE	
			Mr. R. Rajkumar, ASP/CSE	
			Mr. A. Sivaramakrishnan, AP/CSE	
			Mr. B. Sathiskumar, AP/CSE	
			Mrs. C. Sangeetha, AP/CSE	
			Mrs. A. Kanimozhi, AP/CSE	
			Mrs. R. Sudha, AP/CSE	
			Mrs. V. Prabha, AP/CSE	
3		T&P Head	**Mr. A. Sabarinathan** Placement officer	
4	External Stakeholders	Industry	**Mr. R. Rajkumar** Assistant Vice President, Wells Fargo International Pvt. Ltd., Bangalore - 560103	
5		Research Organization	**Mr. M. Prem Kumar** Senior Consultant - Technology Virtusa Consulting Services Pvt. Ltd., Bangalore - 560103	
6		Alumni	**Ms. P. Mahaalakshmi (Batch 12: 2018-2022)** Develop Engineer, Zoho Corporation, Chennai	

7		Parents	1. Mr. P. Dharmaraja F/o D. Jayasimma – III CSE, 3/254 Anna Nagar, Mahadhanapuram North, Mettu Mahadhanapuram, Karur – 639105.	
			2. Mr. M. Mudimalaiyandi F/o Mathan Raj M - IV CSE No 71, Puthuvasantham Nagar, Muthuladampatti, Thanthonimalai, Karur - 639005.	
8		Eminent Academician	Dr. K. Manivannan School of Computer Science & Engineering, Faculty of Engineering and Technology, JAIN University, Bangalore - 562112.	

The following points were discussed in the meeting:

- HoD greeted the members present and delivered the welcome address. He also briefed about the progress of the Department towards the achievement of Vision, Mission, PEOs, POs, PSOs.

- Principal delivered the presidential address to the stakeholders and publicized the Vision and Mission of the Institution.

- The Presentation covered the following topics
  - ❖ Vision, Mission, PEOs, PSOs
  - ❖ Programme Curriculum and Syllabus
  - ❖ Teaching Learning Process
  - ❖ Industry Interaction
  - ❖ Course Outcome and Program Outcome Attainment
  - ❖ Students Performance
  - ❖ Faculty Information and Contribution
  - ❖ Continuous Improvement
  - ❖ Department Achievements

- Convener Dr.R.Punithavathi introduced the Programme Advisory Committee (PAC) members of the CSE Program and presented the Vision, Mission, Program Educational

Objectives (PEOs), Program Outcomes (POs), and Program-Specific Outcomes (PSOs) of the department.

- HoD greeted the committee members and delivered the welcome address. She also briefed about the progress of the Department towards the achievement of Vision, Mission, PEOs, POs, PSOs.

- Program Coordinator (PC) Mr.R.Rajkumar, Associate Professor / CSE introduced the Committee Members of the Program Advisory Committee (PAC) of the CSE Program and reiterated the Vision, Mission of the department and PEOs, POs, PSOs of the CSE Program.

The Vision, Mission, PEOs and PSOs of the department were rewritten as follows:

Vision of the Department

1. To develop competent and responsible Engineers to meet the current challenges of modern computing industries.

Mission of the Department

1. To build competencies in advanced computing technologies through project based learning.
2. To collaborate with industry for research projects and consultancy.
3. To inculcate the spirit of teamwork, innovation and entrepreneurship among the students.

Program Educational Objectives (PEOs)

Graduates can,

PEO1: Apply their technical competence in computer science to solve real world problems, with technical and people leadership.

PEO2: Conduct cutting edge research and develop solutions on problems of social relevance.

PEO3: Work in a business environment, exhibiting team skills, work ethics, adaptability and lifelong learning.

Program Specific Outcome (PSOs)

PSO1: Exhibit design and programming skills to build and automate business solutions using cutting edge technologies.

PSO2: Strong theoretical foundation leading to excellence and excitement towards research, to provide elegant solutions to complex problems.

PSO3: Ability to work effectively with various engineering fields as a team to design, build and develop system applications.

- Program Coordinator (PC) projected the CO- PO and CO PSO attainment for 2019-2023 batch graduates of CSE to the PAC members and gathered the action taken for the improvement or CO- PO attainment for the forthcoming batch students.

The following views were congregated from the stake holders regarding the action be taken for the forthcoming batches to attain POs and PSOs through value additions.

- **Mr. R. Rajkumar** suggested the following points:
  - ❖ Value-added training should be provided to improve the attainment levels of POs and PSOs and enhance students' skills.
  - ❖ All students must complete a Mini Project each year to enhance their practical exposure.
  - ❖ It is highly recommended to conduct short-term courses in Robotic Process Automation and High Performance Computing, led by industry experts, to bridge the gap between theoretical knowledge and practical applications.
  - ❖ Entrepreneurship skills should be developed through proper guidance and mentoring.
  - ❖ Students should be identified starting from their second year and given awareness about various Central Government schemes and start-up opportunities.

- **Mr. M. Prem Kumar** suggested the following points:
  - ❖ Provided inputs on research activities and emphasized their importance.
  - ❖ Highlighted the need for a Research Committee and advised categorizing faculty based on their expertise to guide students in undertaking projects and research in specific domains.
  - ❖ Recommended submitting funding proposals to various funding agencies and suggested establishing a Centre of Excellence laboratory in collaboration with industries.
  - ❖ Encouraged students to present and publish their projects in international conferences and journals.
  - ❖ Advised students and faculty members to utilize online course materials offered by NPTEL to supplement their studies.
  - ❖ Suggested highlighting statistics on internships leading to job placements.
  - ❖ Recommended organizing design contests and coding competitions, such as Hackathons, to enhance students' technical and problem-solving skills.

- **Ms. P. Mahaalakshmi** suggested the following points:
  - ❖ Recommended arranging internships for students to create awareness about industry expectations.
  - ❖ Commended the institution's growth and advised conducting value-added programs on Angular JS, Data Visualization, No SQL Databases, Low Code No Code, led by industry trainers, to enhance students' employability in both core and software industries.
  - ❖ Suggested creating an alumni portal to provide mutual benefits for both the institution and its alumni.
  - ❖ Recommended expanding the Training and Placement syllabus to include more technical topics.
  - ❖ Emphasized the need to prepare students by aligning their skills with industry expectations and enhancing their career readiness.
  - ❖ Encouraged increasing student participation in technical programs and competitions hosted by reputed institutions.

- **Dr. K. Manivannan** suggested the following points:
  - ❖ Shared insights on the effective conduct of laboratory sessions and assessment methods used in leading universities. He recommended implementing similar practices, such as the use of virtual labs, to enhance students' practical understanding and improve CO-PO and CO-PSO attainment.
  - ❖ Advised the use of ICT tools in classrooms to enhance student engagement and learning and provided an overview of various innovative learning methods.
  - ❖ Recommended the procurement of reference books authored by foreign experts and other standard textbooks for all courses.
  - ❖ Engaged in detailed discussions on incorporating Content Beyond the Syllabus for selected subjects to enrich students' knowledge beyond the curriculum.

- **Parents Mr. P. Dharmaraja and Mr. M. Mudimalaiyandi** suggested on arranging more on campus interviews to enhance the students career.

Also the members of PAC suggested and approved to take any of the following measures to strengthen the CO - PO and CO – PSO attainment for the forthcoming batches of CSE Program:

- Syllabus for Training and Placement classes be expanded to include more technical topics
- Detailed discussions were held on incorporating Content beyond the syllabus for selective subject
- Innovative teaching methodologies might be included into the regular classes for enhancing learning experience.
- Mini Project Expo for each year might be conducted to develop the student's practical exposure
- Students might be encouraged to present and publish their projects at International Conferences and journals.
- Reputed companies should be identified and officials from those companies may be brought to the department to facilitate knowledge exchange.

- Increase student active participations in technical programs and contests in reputed institutions

- Suggested to prepare the students, emphasizing industry expectations and readiness for their future careers.

- Highly recommended that the Short term course in the field of Data Visualization, Low Code No Code and Machine Learning might be conducted by Industry experts which will help to blend theoretical knowledge with practical applications.

Prepared by: Dr. R. Punithavathi.

Approved by: Principal

Copy to : 1. All Faculty Members for needful action

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