



Department of
**Computer Science
and Engineering**

Inside the issue

- About the department
- National Engineer's Day
- Department Activities
- Technical Activity
- Students Achievements and Milestone

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ABOUT THE DEPARTMENT

The Department of Computer Science and Engineering (CSE) blossomed in the year 2007 with an intake of 60 students. The department is equipped with a team of well qualified and experienced faculty to improve and enrich the knowledge of the student community. The department has excellent computing facilities which includes Intel® Core™ i9 processor with 16 GB RAM, scanners, high end servers, laser printers etc. with round the clock internet connectivity at the speed of 150 mbps. The theoretical knowledge of students is augmented with hands on training that enable them to assemble computers, interface with peripheral devices and troubleshoot. The department is committed to developing quality computer engineers and strives for excellence. The department has signed MOUs with companies such as Oracle, IBM and Cisco. The objective of these MOUs is to bridge the gap between academia and industry. Every year the industry recognizes the departments outstanding students by giving the "Best Student" and "Best Project" awards.

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 industries for research projects and consultancy.
3. To inculcate the spirit of teamwork, innovation, and entrepreneurship among the students.

PROGRAM EDUCATIONAL OBJECTIVES (PEOs)

- 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 OUTCOMES (PSOs) PROGRAM

- 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.

National Engineer's Day Celebrations 2022

Chettinad College of Engineering & Technology proudly celebrated **National Engineer's Day 2022** with a special event on "**Cutting Edge Technologies in Defence**" on **15th September 2022**. The session was exclusively organized for ChettinadTech students by the **Enrichment Committee of ChettinadTech**.

The event featured **Dr. S. Krishnakumar**, a distinguished expert from **DRDO, Chennai**, as the **Chief Guest**. In his insightful address, he highlighted the latest advancements in defence technology and the crucial role engineers play in national security and innovation. His session provided students with valuable knowledge about emerging trends, career opportunities, and the significance of research in the defence sector.

The event was a great success, inspiring young minds to explore technological innovations and contribute to the nation's progress.



Department Activity

1. Webinar

A webinar on "**Deep Learning**" was conducted by Dr. Sikha O K, M.Tech., Ph.D., on 13.09.21. The session provided an in-depth overview of deep learning concepts and their real-world applications. Dr. Sikha introduced tools like TensorFlow and Keras, guiding students through

practical examples using datasets. The webinar included a case study to demonstrate how deep learning techniques can be applied effectively. This hands-on training enhanced students' understanding of artificial intelligence and machine learning, equipping them with valuable skills to pursue further studies or careers in the field. Students appreciated the interactive format and practical insights shared during the session.



2. Guest Lecture on “In-Demand Programming Languages in the IT Sector 2022”

The Department organized an insightful guest lecture on **17th September 2022**, featuring **Mr. P. Dhamotharan**, Senior Developer at **Mallow Technologies, Karur**. The session focused on the most sought-after programming languages in the IT industry, highlighting their relevance, applications, and career opportunities. Mr. Dhamotharan shared valuable industry insights, guiding students on the importance of staying updated with emerging technologies. The session was interactive and engaging, equipping participants with knowledge to enhance their programming skills and career prospects in the evolving tech landscape.

Technical Activity

1. Mr. & Ms. CSE

The Department of Computer Science Engineering organized an event on 26.10.22 to elect "Mr. & Ms. CSE" through a series of technical and non-technical competitions. The technical event, "Blind Coding," tested coding skills under time pressure, while the non-technical event, "Spectacle Yourself," allowed participants to showcase their creativity. A panel of juries evaluated the participants' performances, awarding marks based on their skills, creativity, and

overall presentation. The best performers from each category were selected as "Mr. & Ms. CSE," celebrating their achievements in both technical and non-technical aspects.



Students Achievements and Milestone

1. Victorious contestants from different institutions

Our students have showcased their talents and brought laurels to the institution through their remarkable performances in various competitions:

- **Sanjay R** and **Sabareeswaran R** secured the **II Prize** in the **Paper Presentation** competition held at **Erode Sengunthar Engineering College** on **20th & 21st October 2022**.
- **Sarumathi A** won the **II Prize** in the **State Level Yoga Championship 2022** held on **16th October 2022**.
- **Vijaya Sarathi G** and **Thejesh Bagavathi G** emerged victorious, winning the **I Prize** in **Shooting in Silence** at **Vellammal College of Engineering** on **14th October 2022**.

2. Placement

We are thrilled to announce that our talented students from the **Batch of 2023** have secured prestigious placements in leading IT companies!

- **Gowtham (IV CSE), Dharsana M (IV CSE), and Sunil Prasad K (IV ECE)** have been placed as **Software Developers at Mallow Technologies** with an impressive salary package of **Rs. 4.2 LPA**.
- **Niranjana M (IV CSE)** has been placed as a **Software Developer at Datazoic**, securing a remarkable **Rs. 5 LPA** package.

Their hard work, dedication, and technical expertise have paid off, making us incredibly proud. Congratulations to all for this well-deserved success! We wish them a bright future in the tech industry.



Chettinad

College of Engineering & Technology

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