



Department of
**Computer Science
and Engineering**

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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.

Department Activity

1. Workshop

The **Department of Computer Science and Engineering** organized a workshop on **"Prototyping Your Way into Web Design"** on **December 27, 2023**. The session was led by **Mr. Jayasurya Gnanavel**, Founder and CEO of **Cybernaut, Chennai**, who provided valuable insights into web design prototyping. Participants gained hands-on experience and practical knowledge to enhance their web design skills.



2. Short-Term Course

A **Short-Term Course on "Microsoft Essentials"** was conducted from **November 9, 2023, to December 21, 2023**, by **Dr. T. Anuprathibha, AP/CSE**. The course provided participants with essential skills and hands-on training in Microsoft tools to enhance their technical proficiency. It covered key applications such as Word, Excel, and PowerPoint, along with collaboration tools like OneDrive and Teams. The interactive sessions helped participants develop efficiency in document creation, data analysis, and presentations. The course concluded with assessments and practical exercises to reinforce learning outcomes.



3. Hands-on workshop

Hands-on workshop on "Virtual Lab – A Learner Perspective" in association with **Value Virtual Labs – Amrita Virtual Labs** on **November 6, 2023**. The session was conducted by **Mr. Saneesh P F, Project Manager & Technical Lead, Physical Sciences, Virtual Labs, Amrita Vishwa Vidyapeetham**. The workshop provided participants with practical insights into virtual lab applications, enhancing their learning experience through innovative digital tools

The event was coordinated by **Mr. B. Sathishkumar, Admin Head, ChettinadTech**, and **Mr. R. Rajkumar, HoD/CSE, ChettinadTech**. The session proved to be highly informative and interactive, equipping students with essential skills for virtual experimentation.



Industrial Visit

1. Industrial visits provide students with an insight into the real working environment, including workstations, plants, assembly lines, machines, and systems, and allow them to interact with highly trained and experienced personnel. On December 1, 2023, I - Year B.E.-CSE and BTech.-AI&DS students, accompanied by faculty of The Chettinad College of Engineering and Technology, visited the Chettinad Cement Corporation, Karikkali Unit.



Technical Activity

1. Deploy the Solution

A technical activity, was organized for first-year students on November 10, 2023. This engaging event focused on enhancing problem-solving skills by encouraging students to identify challenges and deploy effective solutions. The activity provided a platform for students to brainstorm, collaborate, and apply critical thinking in real-world scenarios. By participating, they gained practical knowledge and confidence in tackling technical problems. This initiative marked a significant step in fostering innovation and analytical skills among budding engineers.



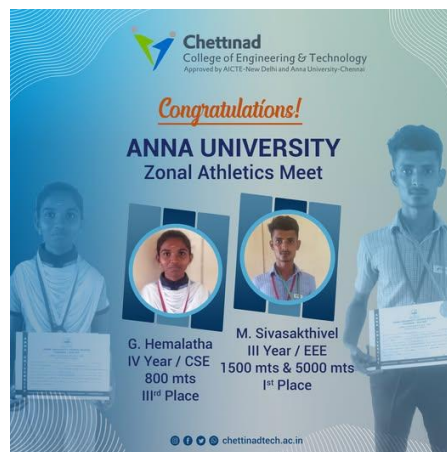
2. A poster design

competition was organized for the young engineers on the topic, **Engineering Marvels: Past, Present, and Future**, The Role of Technology in Building Smart Cities, The Impact of Engineering on Global Health and Well-being, Robotics and Automation: Redefining the Future of Industries, cyber security challenges in the Age of Digital Engineering, Sustainable energy in 2050. The event took place on 07.11.23 and students actively participated in it.



Students Achievements and Milestone

1. **Anna University Zonal Athletics Meet** ,The students of **computer science and engineering department** showcased their athletic excellence at the **Anna University Zonal Athletics Meet**, securing top positions in various events. **G. Hemalatha (IV Year, CSE)** secured **3rd place** in the **800m race**, showcasing her speed and perseverance. Their remarkable achievements highlight the college's commitment to both academic and extracurricular excellence. Congratulations to the winners for making the institution proud!



2. The Kalam Awards Competition

The Kalam Awards Competition named after the visionary, Dr. A. P. J. Abdul Kalam, celebrates innovation, scientific temperament, and excellence. Our students understood the importance of participating in this competition, given its significance in promoting the spirit of innovation and entrepreneurship among young minds. On September 31, 2023, three teams from the III - Year CSE department presented their ideas at the IFET Engineering College, Villupuram. These projects demonstrated their dedication to addressing important societal issues and making a positive impact on our community.



3. Wildlife Week Celebration

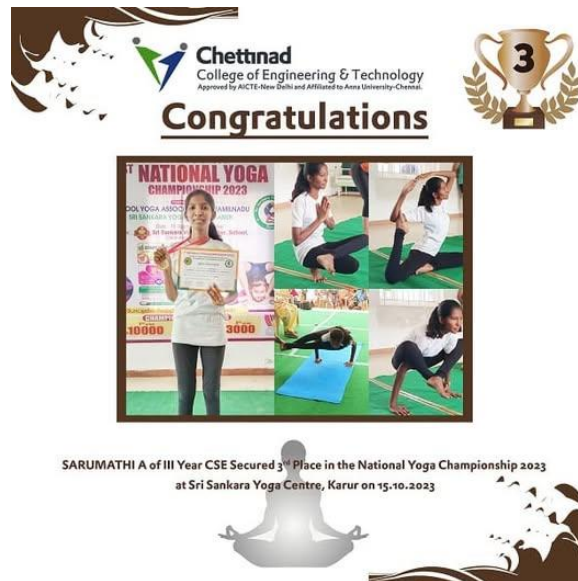
At the Wildlife Week Celebration organized by the Tamil Nadu Forest Department, Karur, 18 participants from Chettinad College of Engineering and Technology showcased their exceptional skills and passion for the environment at the competitions held on October 7, 2023, at the **Government Arts College, Karur.**

Photography: Third Place: IV - CSE - J. Ansari



4. Yoga Championship

We are proud to announce that **Sarumathi A**, a **III Year CSE** student, has secured **3rd place** in the **National Yoga Championship 2023** held at **Sri Sankara Yoga Centre, Karur, on October 15, 2023.** Her dedication, discipline, and passion for yoga have earned her this prestigious recognition. This achievement highlights the holistic development encouraged at our institution, fostering excellence in both academics and extracurricular activities. Congratulations to **Sarumathi A** on this remarkable accomplishment!



5. Paper Presentation

III Year secured the **Second Prize** in the **Paper Presentation** competition held at **Mahendra Engineering College, Namakkal**. Their paper, titled "**Loan Eligibility Prediction using Machine Learning**," showcased innovative techniques in financial technology, demonstrating their expertise in machine learning applications.



This achievement highlights the technical proficiency and research capabilities of our students. Congratulations to the winners for their remarkable accomplishment!

6. Placements

We proud to announce the successful placement of its students as **Junior Process Associates** at **KGIS**. Their achievement reflects the institution's commitment to providing quality education and career opportunities. Congratulations to all the students on this milestone, and best wishes for a successful professional journey!

Congratulations

We congratulate our students who got selected
as Junior Process Associate in



We proud to announce the successful placement of its student as **Junior Process Associates** at Technologic

Chettinad
College of Engineering & Technology
Approved by AICTE-New Delhi and Affiliated to Anna University-Chennai.

Congratulations!

We congratulate our students who got selected as
Trainee Application Engineer in

TECHNOLOGICS

Salary Package : 4 Lakhs per Annum

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