Department of
Computer Science and Engineering

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Editorial Board
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Students Members

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Jayasri B - III CSE
Sasinath D - III CSE
Jayasimma D - II CSE

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. **Value Added Course**

The department of CSE successfully conducted a "Three Day Value Added Course on "**PHP AND MYSQL**" from 24.07.2023 to 26.07.2023. The main objective of this course was to make students learn Database connectivity from front end to back end using MYSQL and PHP. All of our III - Year CSE students actively participated in the course and at the end of the course, they learnt to design a Website and created one on their own.
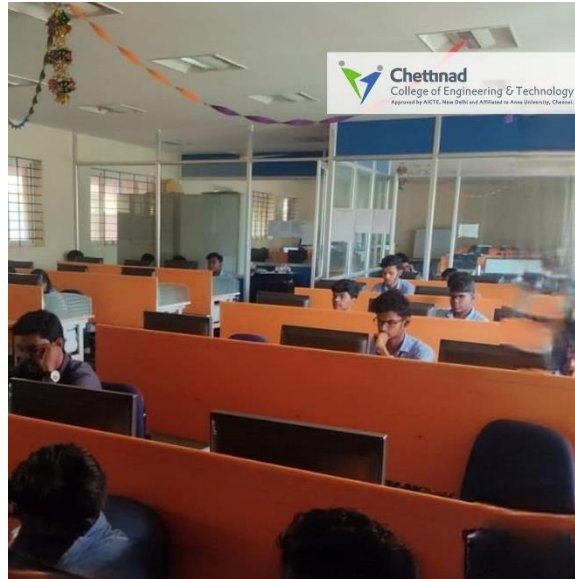
2. Workshop

Our III - Year CSE students attended a 5 - days National Workshop on "**Introduction to Computational Social Science with Python**" at, NIT Tiruchirappalli from 10th-14th July 2023
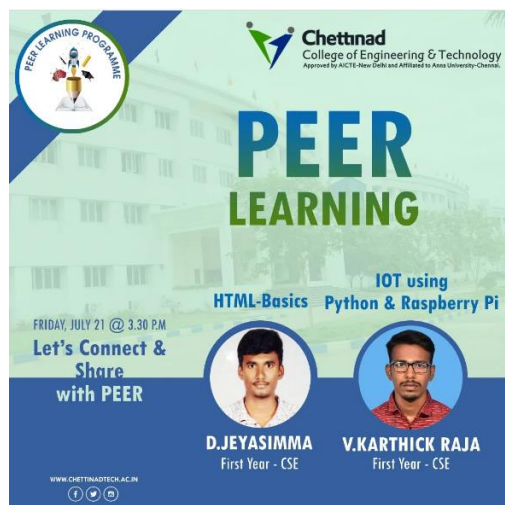

3. Guest lecture

The Department of CSE at Chettinad College of Engineering & Technology organized a guest lecture on **"Recent Trends in Software Development"** on August 21, 2023. The session was delivered by **Mr. Udayashangar Sadhasivam, AVP – Lead Test Designer, NatWest Group, Chennai.** He provided valuable insights into the latest advancements in software development, industry best practices, and emerging technologies. The lecture helped students gain a deeper understanding of real-world software trends and testing methodologies. The interactive session was well-received, fostering curiosity and learning among the attendees.

1. Peer Learning

The Department of CSE at Chettinad College of Engineering & Technology successfully conducted a Peer Learning session on July 21, 2023. First-year students, D. Jeyasimma and V. Karthick Raja, enthusiastically shared their knowledge on "HTML Basics" and "IoT using Python & Raspberry Pi." The session provided an excellent platform for students to engage in collaborative learning and enhance their technical skills. This initiative fosters a culture of peer-driven education, empowering students to learn from and support each other. The event witnessed active participation and was highly appreciated by both students and faculty.