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

Newsletter Volume 4 Issue 6
November-December 2023

Inside the issue

- About the department
- Department Activities
- Student Achievements

Editorial Board

Faculty Members

Ms.D.Ragavi, AP/ECE

Mr.M.Prabhakaran, AP/ECE

Students

R.Sudhan, IV ECE

M.Anusiya, IV ECE

R.Bubalakannan, III ECE

The Department of Electronics and Communication Engineering was established in the year 2007.The department has an intake of 60 students in B.E. course. The department possesses the most advanced equipment in its laboratories. It also provides opportunities to grow and excel in the technical world by conducting regular workshops and programs in various fields. The department is highly active in research work in the fields of broadband communications, VLSI Design, image processing etc. The students are provided adequate training in the field of signal processing, image processing and digital communication. Students are highly motivated to attend in-plant training in some of the most prestigious organizations during their time with the institution.

Vision of the Department:

1. To provide the quality education in the field of Electronics and Communication Engineering which caters the needs of the society in line with the technological revolution.

Mission of the Department:

1. To upgrade the technical knowledge of the students continuously by providing industrial exposure and innovative projects.
2. To establish a creative learning environment for the students by active learning of the techniques in the electronics and communication engineering field.
3. To nurture career improvement by facilitating skill development and training in the recent technologies.

PROGRAM EDUCATIONAL OBJECTIVES (PEOs)

PEO1: To provide the students with a strong foundation in the required sciences in order to pursue studies in Electronics and Communication Engineering.

PEO2: To gain adequate knowledge to become good professional in electronic and communication engineering associated industries, higher education and research.

PEO3: To develop attitude in lifelong learning, applying and adapting new ideas and technologies as their field evolves.

PEO4: To prepare students to critically analyze existing literature in an area of specialization and ethically develop innovative and research oriented methodologies to solve the problems identified.

PEO5: To inculcate in the students a professional and ethical attitude and an ability to visualize the engineering issues in a broader social context.

PROGRAM SPECIFIC OUTCOMES (PSOs)

PSO1: Design, develop and analyze electronic systems through application of relevant electronics, mathematics and engineering principles

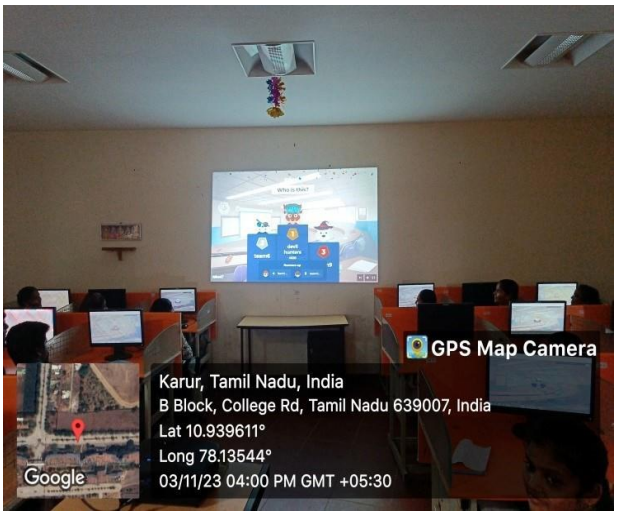
PSO2: Design, develop and analyze communication systems through application of fundamentals from communication principles, signal processing, and RF System Design & Electromagnetism.

PSO3: Adapt to emerging electronics and communication technologies and develop innovative solutions for existing and newer problems.

DEPARTMENT ACTIVITIES

TECHNOPHILIA 2K23

The ECE Department organized "TECHNOPHILIA 2K23," a technical contest for first-year students on November 3, 2023. The event provided a platform for students to showcase their technical skills and creativity. With great enthusiasm, students actively participated in the contest, demonstrating their hidden talents and innovative ideas.



ELECTRONIZ 2K23

The ECE Department organized "Electroniz 2K23," a technical contest for ECE students on November 7, 2023. The event provided a platform for students to demonstrate their technical skills and problem-solving abilities. All participating teams displayed great enthusiasm, showcasing their creativity, innovation, and critical thinking skills throughout the contest.

GUEST LECTURE

On November 27, 2023, Dr. N. Sampath Kumar, Principal, SSM College of Arts and Science, Dindigul, delivered an insightful talk on "Role of Basic Sciences in Engineering." He emphasized the significance of Physics, Mathematics, and Chemistry in various engineering disciplines, illustrating their applications with real-world examples. The session provided first-year students with a deeper understanding of the fundamental sciences that form the foundation of engineering.

TECHNICAL ACTIVITY

The ECE Department conducted a technical activity titled "Making of an Electromagnet" for first-year students on November 22, 2023. Through this hands-on session, students learned the process of constructing an electromagnet while enhancing their problem-solving skills, critical thinking, and analytical abilities.

STUDENT ACHIEVEMENTS

As part of the Wildlife Week Celebration organized by the Tamil Nadu Forest Department, Karur, 18 students 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 Government Arts College, Karur.

Our students secured prizes in various categories:

- M. Arsath Ansari (II ECE) – Photography
- N. Thanveer Ahamed (II ECE) – Essay Writing
- M. Megarnisha Begum (II ECE) – Drawing Competition

Their achievements reflect their talent and dedication, bringing pride to the institution.

Sabareesan S. and Pravin Kumar S., II-year ECE students, won First Prize in the event "Waste to Wow" at the National-Level Technical Symposium "GENIO 2K23" held at Anna University Regional Campus, Coimbatore, on October 31, 2023. Their innovative approach and creativity in upcycling waste materials were highly appreciated, bringing pride to the department.

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

NH-67, Karur-Trichy Highway, Puliyur CF, Karur, Tamil Nadu – 639114.

93450 02630, 93607 02630

principalccet@chettinadtech.ac.in

www.chettinadtech.ac.in