



Inside the issue

- About the department
- Department Activities
- Faculty Contribution

Editorial Board

Faculty Members

Ms.D.Ragavi, AP/ECE

Ms.J.Jenisha, AP/ECE

Students

R.Bubalakannan, IV ECE

R.Harish, IV ECE

S.P.Devasri, 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

VALUE ADDED COURSE

The Department of Electronics and Communication conducted a '**Six-Day VLSI Level-1 Certification Course**' exclusively for our III - Year ECE students from 12th August to 17th August. Mr. R. Venkatesh, Trainer, TARAS Systems and Solutions, Coimbatore, focused on fundamental concepts in digital design using Verilog and System Verilog with a blend of theoretical knowledge and practical skills essential for understanding and implementing digital circuits using the tool EDA.



HANDS ON TRAINING

The Department of Electronics and Communication Engineering successfully conducted a “**Three- Day Hands-on Training in Internet of Things and Industry 4.0**” exclusively for our second-year ECE students from 19.08.2024 to 21.08.2024. Our students acquired knowledge of working with various design software such as ISIS Proteus Professional, WOKWI, and Tinkercad and its practical knowledge by implementing various applications using these tools.



GUEST LECTURE

The **ECE Association Inauguration Function** for the academic year 2024 - 2025 was held on the 27th of August 2024. The Chief Guest, Mr. Hareesh Janakiraman, Director of Embedded-Guru LLC, Houston, Texas, USA, highlighted the event by his lecture titled “**Introduction to Microcontrollers**”, and also interacted with the students and faculty members.



FACULTY CONTRIBUTION

Dr. M. Kumar, Professor and Head of ECE, delivered a talk on **"IoT Edge Computing Connectivity for Industrial Applications"** in the **Expert Talk Series 2024** organized by JCT College of Engineering and Technology, Coimbatore.



INSTITUTION'S INNOVATION COUNCIL
(Ministry of HRD Initiative)



JCT
COLLEGE OF ENGINEERING AND TECHNOLOGY
AN AUTONOMOUS INSTITUTION



EXPERT TALK SERIES 2024

on **20th AUG -2024**
03.00 PM

10 DAY

VENUE : JCTCET SEMINAR HALL

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

EXPERT TALK SERIES ON

IoT-EDGE COMPUTING CONNECTIVITY FOR INDUSTRIAL APPLICATION

RESOURCE PERSON

Dr.M.Kumar
Professor/Head
Department of Electronics and Communication Engineering,
Chettinad College of Engineering and Technology,
Puliyur, Karur – 639 114.



<https://meet.google.com/qjb-zlr-zzh>

Coordinator : Dr.S.Sakthi Vinayagam - ASP/CSE
Convenor : Dr.Zulaikha Beevi Professor/Head

Founder : **Thiru.S.A.Subramanian**
Chairman : **Thiru.R.Arulselvan**
Vice Chairman : **Thiru.R.Gautaman**
Secretary : **Thiru.R.Durga Shankar**
Principal JCTCET : **Dr.S.Manoharan**



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