



COIMBATORE INSTITUTE OF TECHNOLOGY

Coimbatore

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Organizes

TWO WEEKS

SUMMER INTERNSHIP PROGRAM-2026

ON

Next-Gen Smart Systems and Cutting-Edge Technologies

18.05.2026 to 29.05.2026

DEPARTMENT HIGHLIGHTS

The Department of Electronics and Communication Engineering was established in 1968 and offers undergraduate B.E. ECE and research Full time and Part-time programs.

The department has a team of vibrant and dedicated faculty members with expertise in diverse areas such as Signal Processing, Wireless Communication, Networking, Image Processing, VLSI Design, Embedded Systems and IoT. Over the years, the department has produced several doctorates and successfully executed funded projects from national agencies including AICTE, UGC, and DST.

The curriculum is continuously updated under the Choice-Based Credit System to align with emerging technologies and industry trends. Students benefit from hands-on training, modern laboratories, and industry-linked learning that foster innovation, problem-solving ability, and professional readiness. The department also maintains a strong alumni network and excellent placement record, reflecting its long-standing commitment to academic excellence and societal development.

OVERVIEW

The Summer Internship Program on "Next-Gen Smart Systems and Cutting-Edge Technologies" offers II and III year ECE students hands-on exposure to core and emerging domains. This intensive two weeks program bridges the gap between theory and real-world applications through practical sessions, technical demonstrations, and mini-projects.

Key areas include electronic devices, embedded systems, VLSI design, EDA Tools, communication systems and 5G, IoT, RF and antenna design, AI integration, full-stack development and PCB Fabrication & Prototyping. The program enables students to design and integrate intelligent systems, enhancing their technical skills, innovation capabilities, and readiness for industry and research in modern smart technologies.

MODULES

- 01 Electronic Devices & Integrated Circuits
- 02 Microcontrollers & Embedded Systems
- 03 VLSI, EDA Tools and Semiconductor Technologies
- 04 Wireless Communication Systems & 5G Technologies
- 05 Internet of Things (IoT) & Connectivity
- 06 RF and Antenna Design
- 07 AI Integration in Smart Systems
- 08 Full stack application development and data analytics
- 09 PCB Fabrication & Prototyping

Scan for registration

For details contact,

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📷 [Instagram link](#) [LinkedIn page](#)



PROGRAM DETAILS

Eligibility: B.E (ECE, EEE, CSE, IT)

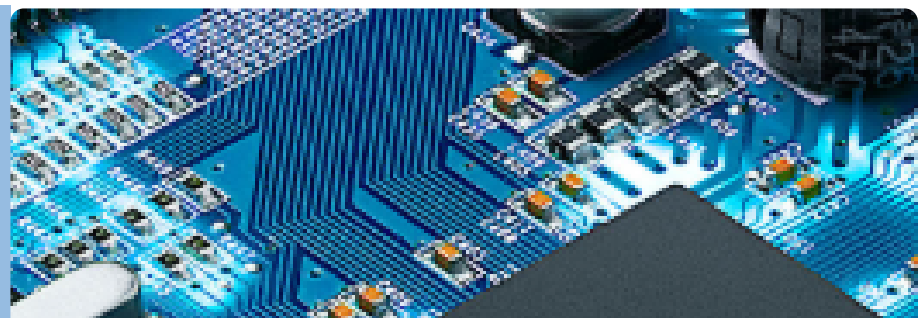
Venue: ECE Labs, CIT.

Registration fee:

For CIT Students: Rs.800

Other College Students: Rs. 944 (Rs. 800+18% GST)

No accommodation or refund provided



Inspiring Innovation in Next-Generation Electronics and Communication