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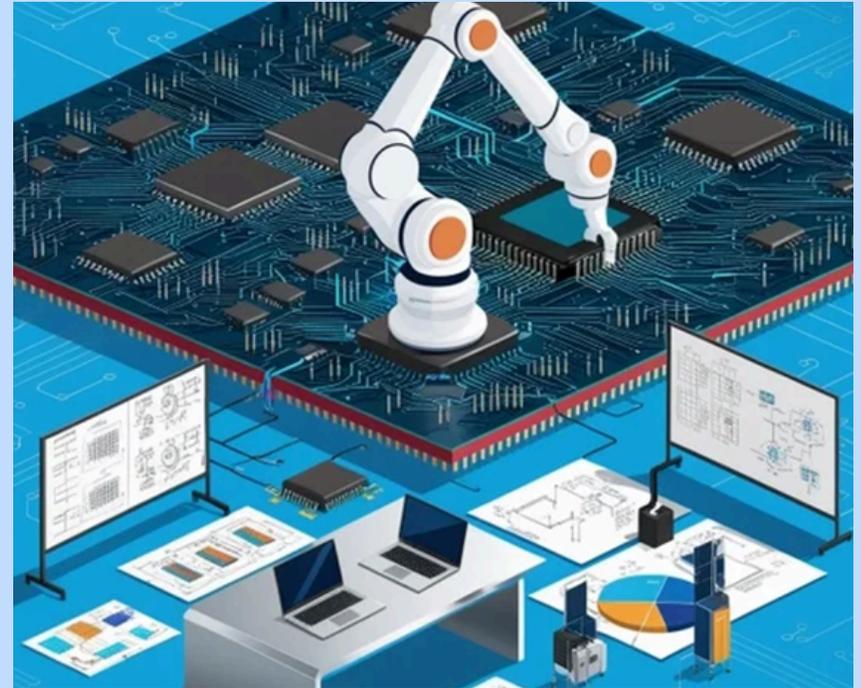
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*Be part of the next industrial revolution—
driven by innovations in IoT, VLSI design,
and sustainable EV technologies.*



COIMBATORE INSTITUTE OF TECHNOLOGY

**Department of Electronics and Communication
Engineering**



Online International Workshop 2025

Industrial Intelligence and Next- Gen Electronics



20.08 2025



LIBCH



9.00 am-5.15 pm

OVERVIEW

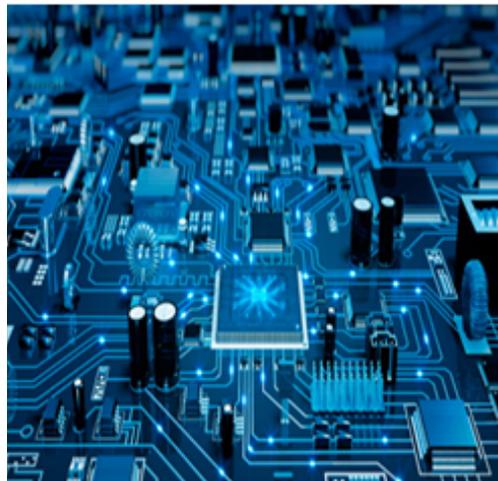
EVENT SCHEDULE

About CIT

The V. Rangasamy Naidu Educational Trust devoted to the cause of promoting technical and scientific literacy, established Coimbatore Institute of Technology (CIT) in Coimbatore, Tamil Nadu, South India in 1956. CIT is one of the most reputed and prestigious educational institutions in India. The Institute backed by World Class research and development over the years attained autonomous status in 1987.

About the Department

The Department of ECE was started in the year 1968. The department offers UG– B.E Electronics and Communication Engineering, and research (Full Time and Part Time) programmes. The department has dynamic and vibrant faculty specialized in various fields of Electronics and Communication Engineering with proven research experience in niche areas. The department has produced 29 doctorates in the area of Signal processing, Wireless Communication, Networking, Wireless sensor Networks, Image processing, VLSI Design and Embedded systems.



About the workshop

This workshop aims to highlight emerging innovations in key areas such as industrial automation, semiconductor devices, embedded systems, IoT, and electric mobility. It focuses on the design and integration of high-performance, miniaturized, and energy-efficient systems that support real-time data exchange. Through expert sessions, discussions, and knowledge-sharing platforms, the workshop will promote the adoption of smart and sustainable solutions that are transforming modern industry and driving the future of intelligent electronic systems.



Mr. Arifmohamed Malkan

System Architect, Volkswagen Group Company, Germany
“Future of Mobility: Understanding ADAS”.
09:30-10.45 AM



Dr. Hadi Nabipour Afrouz

Senior Lecturer, Birmingham City University, UK
“Advancing Eco Innovations for Sustainable Growth: Addressing Engineering Barriers”
11:00-12:00 PM



Mr. Vairavan Palaniappan

Graduate Implementation Engineer, ARM San Jose, California, US
“Recent advancements in Semiconductor Industry”
12:00-1:00 PM



Mr. Samuel Tensingh

Doctoral Researcher, Digital Backend Engineer, University of Sydney & Australia
“AI - Driven Innovations in VLSI circuits: A Glimpse into the Future”
2:00-3:00 PM



Mr. Melvin Francis

Technical Marketing Manager, BE Services GmbH, Germany
“IT/OT Convergence with OPC UA FX”
3:10-4:10 PM



Mr. Patric Scholz

Managing Director Sales & Finance, FLECS Technologies GmbH, Germany
“Digital value creation: How to efficiently bring and sell software to machines and the global market”
4:10-5:15 PM