

PROJECTS IN M TECH STREAMS

Student projects in VLSI: MTech students of VLSI and Embedded Systems stream do their projects in C-DAC's various groups like Hardware Design, Broadcast and Communications, Control & Instrumentation, Language Technology, Strategic Electronics, Power Electronics, Intelligent Transportation & Networking and Health Informatics. These laboratories are equipped with cutting edge industry standard tools of Cadence, Matlab, Xilinx, Mentor Graphics and Keil.

Student projects in Cyber Forensics: MTech students under Cyber Forensics & Information Security stream are guided by members of Cyber Security Group (CSG) and faculties from ER&DCI-IT. These Students are exposed to various Cyber Forensics tools which include CyberCheck, MobileCheck, Email Tracer, CDR Analyser, TrueBack etc.

FOR FURTHER INFORMATION CONTACT:

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ER&DCI Institute of Technology

CENTRE FOR DEVELOPMENT OF ADVANCED COMPUTING

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PLACEMENT BROCHURE

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About ER&DCI-IT

ER&DCI-Institute of Technology (ER&DCI-IT), Thiruvananthapuram is the academic wing of Centre for Development of Advanced Computing (C-DAC) Thiruvananthapuram. C-DAC is the premier research and development (R&D) organisation of the Department of Electronics and Information Technology (DeitY) under Ministry of Communications and Information Technology (MCTI), Govt. of India for carrying out R&D in Electronics, Information Technology and associated areas.



ER&DCI-IT, started in 2001, is approved by All India Council for Technical Education (AICTE) and affiliated to Cochin University of Science and Technology and APJ Abdul Kalam Technological University (2015 onwards).

Our Mission

To groom internationally competitive professionals with state-of-the-art skill sets in scientific technologies through a meticulous process of intensive world-class training and nurture through continuous industry - institute interaction.

Academic Programmes Overview

ER&DCI-IT conducts two postgraduate programmes in engineering namely; M.Tech in Computer Science with specialisation in Cyber Forensics and Information Security and M.Tech in Electronics with specialisation in VLSI and Embedded Systems.



M. Tech in Computer Science with specialization in Cyberforensics & Information Security

The department of Computer Science offers a two year full time M.Tech programme in Cyber Forensics and Information Security which equips students with the necessary knowledge and tools to fill the need for educated cyber security and cyber forensics practitioners, investigators and engineers. The course covers major areas which includes Cyber forensics, Information security, Network security, Cryptography, Ethical hacking, File system Forensics, Windows and Linux Forensics, Network Security, Operating Systems, Image and Video Forensics.

M. Tech in Electronics with specialization in VLSI & Embedded Systems

A two year programme offered by the department of Electronics and Communication leading to Masters in VLSI and Embedded Systems will cover the fundamentals and engineering aspect of designing and developing IC based systems. It focuses on modern embedded systems development with cutting edge tools and development platforms. Students obtain valuable skillsets in VLSI technology, Digital design, Reconfigurable computing, Embedded and Realtime systems, Research methodology, Analog integrated circuit design, DSP architectures, Microcontrollers and EDA Tools for VLSI.