Jointly Organized by
07 Electronics & ICT Academies

IITG, IIITDMJ, MNITJ, IITR, NITP, IITR, NITW & Spoke Academies

http://www.mnit.ac.in/eict

Online Programme
on
VLSI-04C VLSI System Architecture & Design

28 Nov – 11 Dec. 2026

An Initiative funded by

Ministry of Electronics and Information Technology
Government of India

meity.gov.in/content/schemes-projects

An intensive 40-Hour Training Programme in online mode is being organized for faculty, doctoral students of engineering and technological institutions. Working professionals from industry/organizations are also invited to attend. The training program is intended to provide a much-needed orientation towards VLSI architecture and Design. **The programme will be run during 4-7 PM on weekdays and 10 AM-5 PM on Saturday.**

Programme Modules:
Module 1: VLSI Design Fundamentals and System Architecture
Module 2: RTL Design and Functional Verification
Module 3: VLSI Optimization Techniques at Architectural Level
Module 4: Processor Architecture, Pipelining, and System-on-Chip (SoC)
Module 5: Low-Power VLSI Architecture & Design

Principal/Joint-Principal Coordinators
Dr. Amit M. Joshi, PC MNIT Jaipur

Spoke Coordinators		
NIT Calicut	Nirma University	L D Engineering College
Maharaja Surajmal Institute of Technology, New Delhi	The LNMIIT Jaipur	New Horizon College of Engineering, Bengaluru (NHCEB)
Thapar Institute of Engineering and Technology, Patiala		

Registration is open to faculty, working professionals, industry persons, doctoral, postgraduate, and graduate students from India and the rest of the world. Participants will be admitted on a first-come, first-served basis.

Registration Fee			
Mode of programme	India/SAARC/Africa		Rest of the world
	Academia (faculty/Students)	Others	
Online	Rs. 750/-	Rs. 1500/-	US $ 60/-

(18% GST extra)

- Fee once paid will not be refunded back; however, can be adjusted for a future programme.
- The fee covers online participation in the programme, tutorial, notes and examination, certification charges etc.
- The registration amount may be paid through online mode-NEFT/UPI/Cards/SWIFT, provided at the registration portal.
- Detailed schedule will be shared after receiving registration form

Register online at–http://online.mnit.ac.in/eict/

→ For queries, contact us at fdp.academy@mnit.ac.in

Experts/Speakers (consent awaited)-

Prof. Mrityunjoy Chakraborty,	IIT Kharagpur
Prof. Shubhajit Roy Chowdhury,	IIT Mandi
Prof Virendra Singh	IIT Bombay
Dr. Biinod Kumar	IIT Jodhpur
Dr. Indranil Hatai	Siemens EDA
Prof. Anand Darji	SVNIT Surat
Prof Kusum Iata	LNMIIT
Dr. Sandeep Saini	LMNIIT
Prof Lava Bhargava	MNIT Jaipur
Dr. Amit M. Joshi	MNIT Jaipur
Prof. Vineet Sahula	MNIT Jaipur
Speakers from IITs/NITs/IIITs/industries and eminent experts from other walks of life	

EICT Academy MNIT Jaipur

Chairman, EICT Academy & Director MNIT Jaipur **Prof. Narayana Prasad Padhy**
Chief Investigator: **Prof. Vineet Sahula**
Coordinator: **Dr. Satyasai Jagannath Nanda**
Co- Chief Investigators: **Prof. Lava Bhargava, Prof. Pilli Emmanuel Shubhakar, Dr. Ravi Kumar Maddila**

Objective (Electronics & ICT Academy-Phase II)

1)To conduct specialized FDPs for faculty/mentor training in line with the vision of MeitY in high-priority areas supporting the "Make in India" and the "Digital India" programs.
2) To promote synergy and collaboration with industry, academia, universities and other institutions of learning
3) To support the National Policy on Electronics 2019 (NPE 2019), which envisions positioning India as a global hub for ESDM sector, including MeitY Schemes/policies such as Programme for Semiconductors and Display Fab Ecosystem; India AI; National Programme on AI, Production Linked Incentive Scheme for IT Hardware & Large-Scale Electronics Manufacturing; EMC; SPECS; Chips to System (C2S); etc.
4) To promote standardization of FDPs through Joint Faculty Development Programmes.

MNIT Jaipur one of the oldest NITs, the institute has a rich heritage of sixty years producing world class engineers, managers, architects and scientists. Ranked 42nd nationally in the NIRF ranking-2025 (Engineering), the institute offers learning opportunities for undergraduate, postgraduate students, and researchers in various domains. Having a lush green campus of over 317 acres within the heart of the pink city, close to Jaipur International Airport, the campus offers a safe and lively environment. A world class teaching infrastructure, state-of-art laboratories welcome you at the campus. The institute has a vision to impart education of international standards and conduct research at the cutting edge of technology.