



Experts/Speakers-

Speakers from IITs/NITs/IIITs 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
envisioned 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.

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 main theme of the training program will be oriented around exploring the
state-of-the-art methods for Functional Verification using Verilog.

Programme Modules:

Module 1: Fundamentals of Verilog & Functional Verification:

Verilog HDL Basics, Digital Design Modeling, Combinational and Sequential
Circuits, Verification Methodology, Simulation Environment Setup

Module 2: Testbench Design & Verification Techniques

Testbench Development, Stimulus Generation, Directed and Random Testing,
Tasks and Functions, Self-Checking Testbenches, Functional Coverage

Module 3: Advanced Verification using System Verilog

System Verilog for Verification, Assertions and Properties, Constrained Random
Verification, Coverage-Driven Verification, Scoreboards and Verification
Components

Module 4: Simulation, Debugging & Practical Verification

Functional Simulation, Waveform Analysis, Debugging Techniques, Testbench
Validation, Verification of RTL Designs, Case Studies and Practical
Applications

Principal/Joint-Principal Coordinators

Prof. Vineet Sahula, Jt-PC MNIT Jaipur Prof. Gaurav Trivedi-PC, IITG

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 (18% GST extra)		Rest of the world
	Academia (faculty/Students)	Others	
Online	Rs. 750/-	Rs. 1500/-	US \$ 60/-

- 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

EICT Academy MNIT Jaipur



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.