



Experts/Speakers-

From

- IITs
- NITs
- Industry
- Academia

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.

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 recent advancements of AI in image processing and pattern recognition. The training hour is 5-6 hours / each day.

Programme Modules:

Module 1: Fundamentals of EV Power Electronics and Wide Bandgap Devices

Module 2: Power Converter Topologies and High-Power-Density Design

Module 3: EV Charging Systems, Traction Drives and Wireless Power Transfer

Module 4: Advanced EV Converter Applications and Research Trends

Module 5: Design, Modeling and Control of EV Power Electronic Converters

Module 6: Advanced Wide Bandgap Power Devices and Converter Technologies

Module 7: Industrial Case Studies, Emerging Technologies and Future Directions

Principal/Joint-Principal Coordinators

Prof. Dipti Saxena, Joint Principal Coordinator	Mob.- 9549654476 fdp.academy@mnit.ac.in	MNIT Jaipur
Prof. Sanjeev Manhas, Principal Coordinator		IIT Roorkee
Dr. Apurv Kumar Yadav, Joint Principal Coordinator		IIT Roorkee

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

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.