Organized by
Electronics & ICT Academy

MNIT Jaipur & IIIT Kota (Spoke)
http://www.mnit.ac.in/eict

# Hybrid Programme
on
# Next-Generation Intelligent Computing and Secure Systems

**7th Dec – 16th Dec 2026**

An Initiative funded by

Ministry of Electronics and Information Technology
Government of India

meity.gov.in/content/schemes-projects

**Chairman, EICT Academy, Director MNIT Jaipur & Director IIIT Kota**
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**Co- Chief Investigators, EICT Academy**
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Dr. Ravi Kumar Maddila, ECE

**Experts/Speakers-**

| | |
|---|---|
| **Prof. Rajesh Kumar** | MNIT Jaipur |
| **Prof. Pilli E. Shubhakar** | MNIT Jaipur |
| **Dr. Ramesh Babu Battula** | MNIT Jaipur |
| **Dr. Amit Kumar** | IIIT Kota |
| **Dr. Gyan Singh Yadav** | IIIT Kota |
| **Dr. Ajay Nehra** | IIIT Kota |
| **Dr. Isha Pathak Tripathi** | IIIT Kota |
| **Dr. Shivang Tripathi** | IIIT Kota |

Consent awaited from many more Expert Speakers from IITs/NITs/IIITs/Industries.

**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 (10 days) Training Programme in hybrid mode is being organized at Indian Institute of Information Technology Kota (IIIT Kota) 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 **Next-Generation Intelligent Computing and Secure Systems.** The programme is scheduled from **9:00 AM to 11:00 AM** and **12:30 PM to 3:30 PM**, running from December 7th to December 16th.

**Programme Modules:**

1. Foundations of Next-Generation Computing Systems (Evolution of computing, intelligent and secure system requirements)
2. Artificial Intelligence for Intelligent Computing (Machine learning, deep learning, decision intelligence, applications)
3. Quantum Computing and Quantum-Aware Systems (Qubits, quantum algorithms, quantum advantage, security implications)
4. Blockchain and Distributed Trust Systems (Decentralization, consensus, smart contracts, trusted architectures)
5. Cyber Security and Privacy-Preserving Technologies (Cryptography, network security, threat models, privacy techniques)
6. Integration of Intelligent and Secure Systems (AI security, blockchain-AI integration, post-quantum security, use cases)

| Programme Coordinator | | |
|---|---|---|
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| Spoke Coordinator | | |
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| Dr. Gyan Singh Yadav | gyansingh.cse@iiitkota.ac.in | 8989892500 (M) |

**Registration:**
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/- |
| Classroom | Rs. 2500/- | Rs. 5000/- | -- |

(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.
- A detailed schedule will be shared after receiving the 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.