



NATIONAL INSTITUTE OF TECHNOLOGY WARANGAL

An Institute of National Importance

MALAVIYA MISSION TEACHER TRAINING CENTRE

Established under the Scheme of MMTP, University Grants Commission (UGC), Ministry of Education,
Government of India

One-Week Offline Short Term Programme on AI/IoT-Driven Cybersecurity, Blockchain and its Applications

18 - 24 June 2025

This program explores AI-driven cybersecurity, IoT security, blockchain technology, and digital forensics, equipping participants with cutting-edge knowledge and practical skills to tackle modern cyber threats. It covers AI-based intrusion detection, IoT security frameworks, blockchain applications in digital forensics, and AI-powered forensic investigations. The program also delves into cyber threat intelligence, malware analysis, privacy regulations, and real-time threat mitigation, making it ideal for academicians, researchers, industry professionals, law enforcement, and cybersecurity experts. This interdisciplinary program bridges cybersecurity, AI, blockchain, and forensic science to build resilient and secure digital ecosystems

Thrust areas to be covered in the course:

- The Role of AI in Enhancing Cyber Security
- Blockchain as a Security Enabler
- AI and Machine Learning for Threat Detection and Prevention
- AI-Powered Anomaly Detection
- Cyber Security in Critical Infrastructures: AI and IoT Perspectives
- Biometric Authentication
- Secure IoT Device Authentication and Access Control
- Security Considerations in Cloud-Based IoT Environments
- Case Studies: Recent Cyber Security Breaches, Digital forensics



Scan the QR code
to Register



NO REGISTRATION FEE

Last date for Registration: 15-06-2025

Prof. T. Kishore Kumar
Coordinator, MMTC
NIT Warangal

About MMTTC of NIT Warangal:

The Malaviya Mission Teacher Training Centre (MMTTC) was established at NIT Warangal in the year 2015 under the scheme "Malaviya Mission on Teacher Training Program (MMTTP)" sponsored by the University Grants Commission (UGC), Ministry of Education, Government of India. Since its inception, the Centre has successfully organized various programmes in the form of NEP Orientation programs, Short-term programs, Refresher Courses, FDP programmes and one-month duration Faculty Induction Programme (FIP) for Higher Education Faculty in various theme areas of Science and Technology, Humanities and Social Sciences from which more than 7600 participants have benefitted. Other activities of the MMTTC include offering online courses, curriculum design, carrying out research in educational technology and pedagogy and integrating ICT into the Teaching-Learning process. The MMTTC NIT Warangal has been conducting various programs, online and offline following MMTTP Guidelines and UGC Regulations.

Course plan:

- There will be approximately 36 hours of engagement including live sessions, Hands-on sessions, assignments etc.
- Interaction and discussion

Certification criteria:

The participants must maintain full Attendance, need to submit Assignments in time, and qualify in the final exam with 60% of marks.

Resource Persons for this program:

Eminent faculty members from NIT Warangal, and Academicians from IITs/NITs/IIITs and Industry experts in the concerned field will deliver the expert lectures in the programme.

Who can apply? :

This program is open for faculty having experience in this area and from ECE, CSE & EEE departments. Preference will be given to the faculty & research scholars from Centrally funded institutions and affiliated Engineering Colleges. Registrations will be up to 60 only. Shortlisted participants will receive confirmation through email.

Accommodation:

Accommodation will be provided on payment basis in the Institute Guest House/ Visitors' Block as per the Institute norms (Rs.1000/- per day for Single occupancy and Rs.625/- per day for Double occupancy). The working lunch will be provided.

How to Apply? :

Interested participants are required to register by using the online form, link provided below, on or before Last Date. There is **NO REGISTRATION FEE**. It is mandatory to submit the **Nomination Form** from your organization to consider your application.

Registration link: <https://forms.gle/9nu13XtXoRGJFgTm9>

Important Dates:

Last Date of Application: 15th June 2025

Intimation of Selection: 16th June 2025

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NIT Warangal

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