



FACULTY DEVELOPMENT PROGRAMME(FDP) on Intelligent techniques for cyber security issues

(20th January – 25th January 2025)

Organized by

E & ICT Academy, NIT Warangal

(Sponsored by Ministry of Electronics and Information Technology (MeitY), GOI)

In Association with

Department of Electronics and Communication Engineering

KLE Institute of Technology, Hubballi



Preamble:

“Electronics & ICT Academy” was set up at NIT Warangal with financial assistance from MeitY, GoI. The jurisdiction of this academy is Telangana, Andhra Pradesh, Karnataka, Goa, Puducherry, and Andaman & Nicobar Islands. This academy offers faculty development programs (FDPs) in standardized courses and emerging areas of Electronics, Information Communication Technologies, training and consultancy services for Industry, Curriculum development for Industry, CEP for working professionals, Advice and support for technical incubation, and entrepreneurial activities.

This FDP is devoted to addressing the need to enhance knowledge about the latest technologies in Advanced AI and ML Techniques for Cyber Security and Digital Forensics, which is being conducted online at the National Institute of Technology, Warangal, and the **KLE Institute of Technology, Hubballi**. Academicians and industry experts handle the whole course.

Major Course Contents:

- Introduce cutting-edge AI and ML methodologies applicable to cyber security.
- Explore machine learning models for intrusion detection and prevention.
- Demonstrate the use of AI in automating threat intelligence and response.
- Highlight advanced digital forensics techniques using machine learning.
- Discuss ethical considerations and challenges in AI-driven cyber security.
- Provide hands-on experience with AI tools for security and forensics analysis.
- Analyze case studies showcasing successful AI applications in cyber defense.
- Foster collaborative research opportunities in AI and cyber security.

Faculty conducting this program:

The program will be conducted by faculty members from NIT Warangal and KLE Institute of Technology, Hubballi; academicians in the concerned field from IITs/NITs/IITs/abroad are invited to deliver lectures. Speakers from industries are also expected to provide as part of the course.

Eligibility:

The program is open to the Faculty of Engineering Colleges, MCA Colleges, and other allied disciplines in India. Industry personnel working in the concerned /allied discipline can also attend.

Registration Fee Particulars:

Faculty and Research Scholars	Rs 2500/-
Industry Participants	Rs 7500/-

Participants need to pay the Registration Fee Online using the following details.

Online Transfer Details

Account Name: Electronics & ICT Academy NITW
Account No: 62423775910
IFSC: SBIN0020149

How to apply:

Participants are required to fill out the online registration by clicking on the following link:

Link to Apply:

<https://forms.gle/JZ1uNhcV76KH9EWW7>



Selection Criteria:

Selection will be made based on a first-come-first-serve basis to a maximum number of 40 (forty). The list of selected participants will be intimated through e-mail. The DD/online payment will be returned if a candidate is not selected. Candidates will be issued satisfactory certificates on successful completion of the course. Reservations are followed to select candidates as per GOI norms.

Important dates:

last date for submission of the Application	04-01-2025 (5.00pm)
Selection List by Email	09-01-2025
Duration	20-01-2025 to 25-01-2025

About NIT Warangal:

NIT Warangal, the pioneering RECs, offers top-notch technical education with B.Tech, M.Tech, and Ph.D. programs. All its B.Tech and M.Tech programs are NBA accredited. The Computer Science and Engineering department provides B.Tech in CSE, M.Tech in CSE and CSIS, and MCA. With experienced faculty, robust labs, and industry ties with Microsoft, IBM, Oracle, and others, it conducts sponsored programs regularly.

About KLE Institute of Technology, Hubballi:

K.L.E. Institute of Technology (KLEIT), Hubli, was established in 2008 under the esteemed K.L.E. Society, Belagavi. The K.L.E. Society is 105+ years old and runs 300+ institutions across the state and states of Maharashtra and Delhi. It also has a presence in Dubai and has grown over the years as a citadel of education. KLEIT offers five UG programs apart from MCA and MTech (CSE). The K.L.E. Institute of Technology has all UG programs NBA accredited, figured in 251-300 bands in NIRF Ranking 2021, ISO 21001:2018 certified, recognized under section 2(f) of the UGC Act, 1956, AICTE Recognized and affiliated to Visvesvaraya Technological University, Belagavi. It is one of the best developing engineering colleges in North Karnataka. The institute is constructed on a land of 11 acres, a green and clean campus.

Coordinators

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