FIVE DAY FACULTY DEVELOPMENT PROGRAM (FDP)
ON
AI Driven Cybersecurity and Threat Intelligence

13th – 17th July 2026

Organized by

CENTRE FOR TEACHING AND LEARNING, NIT Warangal

(Established under the PMMMNMTT Scheme, Ministry of Education, Govt. of India)

in association with

Department of Computer Science and Engineering, NIT Warangal

Preamble:

The Centre for Training and Learning (CTL) has been established at NIT Warangal with grants from the Ministry of Education, through its scheme *"Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNMTT)".* Under this Scheme, a separate building has been built exclusively for the CTL activities, with the state-of-art training facilities that include a studio for production and uploading of video and e-lectures on various subjects of higher education, training halls to train the faculty in various theme areas of Science and Technology, humanities and social sciences, linguistics and communication skills, pedagogy and cognition evaluation, etc. among others. One of the important objectives of the Centre is to conduct training programmes for the aspiring, newly inducted and in-service faculty in science, engineering, social sciences disciplines in higher education. Other activities of the CTL include preparation of print and e-learning materials, offering on-line courses, curriculum design, carrying out research in educational technology and pedagogy and integrating with ICT into teaching-learning process. The CTL has special programmes of training for the marginalized and women-faculty.

About FDP:

A Faculty Development Program (FDP) on **"AI-Driven Cybersecurity and Threat Intelligence"** is designed to equip educators and professionals with in-depth knowledge of how artificial intelligence is transforming modern cybersecurity practices. This program focuses on key areas such as machine learning-based threat detection, real-time cyber-attack analysis, network security, ethical hacking, and the use of AI tools for predictive threat intelligence. Participants gain hands-on experience with advanced cybersecurity frameworks, learn about emerging threats like ransomware and zero-day attacks, and explore how AI can automate incident response and improve security decision-making. The FDP also emphasizes practical applications, case studies, and research trends, enabling faculty members to integrate these cutting-edge concepts into their teaching and research, ultimately strengthening academic and industry readiness in the field of cybersecurity.

Major Course Contents:

Introduction to Cybersecurity and Threat Intelligence
Fundamentals of Artificial Intelligence and Machine Learning
AI Applications in Cybersecurity
Threat Landscape and Cyber Attack Vectors
Network Security and Intrusion Detection Systems
Anomaly Detection using Machine Learning
Predictive Threat Intelligence and Risk Analysis
Ethical Hacking and Vulnerability Assessment
Security Information and Event Management
Incident Response and Automated Security Systems
Data Privacy, Governance, and Compliance
Emerging Trends in AI-Driven Cyber Defense

Faculty conducting this programme:

The programme will be conducted by the faculty members from NIT Warangal and Academicians in the concerned field from IITs/NITs/IIITs have been invited to deliver lectures in the programme.

Registration Fee Particulars:

	For Five day FDP
Faculty	**Rs.1180/-**
Students / Research Scholars	**Rs. 590/-**
Industry Participants	**Rs.2360/-**

Registration fees includes GST. Participants need to pay the registration fees online using the following details:

Online Transfer Details

Account Name: **HEAD, CTL NITW**
Account No: **40376545007**
IFSC: **SBIN0020149**
Bank and Branch: **SBI, NIT (REC) Warangal**

How to apply:

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

https://forms.gle/FJwN3SixmWrt3EKr9

SCAN ME!

Selection Criteria:

Selection will be done based on first-come-first-serve to a minimum number of 50 (fifty) Faculty/industry participants. Additionally, students/PhD scholars are allowed to participate. The list of selected participants will be intimated through e-mail. In case the candidate is not selected, the registration amount will be refunded. Candidates will be issued certificates on successful completion of the course.

Important dates:

Last date (Application & DD)	8th July 2026
Selection List by E- mail	10th July 2026

About NIT Warangal:

National Institute of Technology Warangal, formerly known as Regional Engineering College was established in 1959. Over the years it has developed into a premier institute of higher learning and is ranked among the top technical education institutions in India. There are 14 Departments offering eight undergraduate and 31 post-graduate programs besides doctoral programmes. About 5000 students across the country and about 500 international students study on the campus. It is a fully residential campus sprawling over 250 acres with excellent infrastructure in the form of state of the art library, seminar halls, guest houses and research laboratories.

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1. Name :
2. Designation :
3. Institution :
4. Email :
5. Mobile No :
6. Payment Details
   Reference No:
   Amount:
   Bank :
   Date:
7. Address for Correspondence:
8. Educational Qualification:
9. Subjects taught so far:
10. No. of refresher courses/workshops attended:
11. Experience (in years):
12. Teaching: Research: Industry:

Declaration

The information provided is true to the best of my knowledge. If selected, I agree to abide by the rules and regulations of the FDP and shall attend the course for the entire duration. I also undertake the responsibility to inform the coordinator in case, I am unable to attend the course.

Date:
Place: **Signature of the Applicant**

SPONSORSHIP CERTIFICATE

Dr. /Mr. /Ms is an employee of our Institute/Organization and is hereby sponsored to participate in the FDP on **"AI Driven Cybersecurity and Threat Intelligence"**, sponsored by the Centre for Training and Learning (CTL) during **<Dates of the FDP>** at <Name of the Institute>.

Signature of Head of Institution (with seal)
Address for correspondence

It is requested to all the delegates that, after completion of application form, all the payment details, screenshot of the payment and scanned application form must be uploaded in the following online registration link.

https://forms.gle/FJwN3SixmWrt3EKr9

For more details about CTL of NIT Warangal, please visit:
https://nitw.ac.in/ctlcenter

For more enquiries please contact:

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