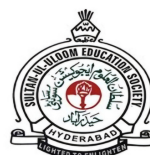




ONLINE FACULTY DEVELOPMENT PROGRAMME(FDP)

ON

Emerging Technologies for Engineering Education: Quantum Computing, AI-Driven Cyber Security and Machine Learning



(11- 22 AUGUST 2026)

Organized by

Electronics & ICT Academy, NIT Warangal

In Association With

Department of CSE, Muffakham Jah College of Engineering and Technology, Hyd

Sponsored by

Ministry of Electronics and Information Technology(MeitY),GoI

Preamble:

"Electronics & ICT Academy – Phase II" was set up at NIT Warangal with financial assistance from MeitY, GoI. This academy's role is to offer Faculty Development Programmes in standardized courses and emerging areas of Electronics, Information Communication Technologies, training & consultancy services for Industry, Curriculum development for Industry, CEP for working professionals, Advice and support for technical incubation and entrepreneurial activities.

About the FDP:

This Faculty Development Programme focuses on the latest advancements in Quantum Computing, AI-Driven Cyber Security, and Machine Learning. It provides participants with both theoretical concepts and practical exposure to modern computing techniques, intelligent security solutions, and AI-based applications. The programme will enable faculty members, researchers, and industry professionals to develop innovative teaching methodologies and research capabilities aligned with current technological trends.

Major Course Content:

- Fundamentals of Quantum Computing and Quantum Algorithms.
- Artificial Intelligence and Machine Learning Techniques.
- Deep Learning and Neural Network Architectures.
- AI-Driven Cyber Security and Threat Intelligence.
- Generative AI, Large Language Models, and AI Applications.
- Hands-on Sessions using Python, TensorFlow, Scikit Learning and IBM Quantum
- Ethics, Responsible AI, Privacy, and Emerging Research Trends.

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
Bank & Branch	: State Bank of India, NIT(REC), WARANGAL

Faculty conducting this programme :

The programme will be conducted by the faculty members from NIT Warangal, Academicians in the concerned field from IITs/NITs/IIITs are invited to deliver lectures in the programme. Speakers from industries are also expected to deliver as part of the course.

Faculty and Research Scholars	Rs. 500/-
Industry Participants	Rs. 2250/-

How to apply:

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

[Click here for registration](#)

Selection Criteria:

Selection will be done based on first-come-first-serve basis to a maximum number of 40 participants. Candidates will be issued satisfactory certificates on successful completion of the course.

Important Dates:

Last date(Application)	04.08.2026
Selection List by E-mail	07.08.2026
Duration	11.08.2026 - 22.08.2026

About NIT Warangal:

National Institute of Technology, Warangal, is the first among 17 RECs set up as a joint venture of the Government of India and the state government. Over the years, the college has established itself as a premier Institute imparting technical education of a very high standard, leading to B.Tech degrees in various branches of engineering, M.Tech., and Ph.D. programmes in various specializations. All B.Tech and M.Tech programmes of NIT Warangal are NBA accredited.

About MJCET, Banjara Hills, Hyderabad:

Established in the year 1980 under Sultan-ul-Uloom Education Society (SUES), Muffakham Jah College of Engineering and Technology is a Minority Autonomous Educational Institution affiliated to Osmania University, Hyderabad and approved by AICTE, New Delhi along with four UG programs Civil Engineering, Computer Science and Engineering, Electronics and Communication Engineering and Mechanical Engineering accredited by NBA for a period of 3 years from 2024-25 to 2026-27 up to 30-6-2027 and accredited by the NAAC with Grade A+ in the year 2024

Coordinators:

Prof. Syed Shabbeer Ahmad Professor & Head-CSED, MJCET, Hyderabad-34 Email: shabbeer.ahmad@mjcollege.ac.in Contact: 8247598301	Prof. Ilaiah Kavati Department of CSE, NIT Warangal, Telangana-506 004 Email: ilaiahkavati@nitw.ac.in Contact: 9848916272
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