



NATIONAL LEVEL FACULTY DEVELOPMENT PROGRAMME (FDP) APPLICATIONS OF MACHINE LEARNING IN R & D

Organized by
DEPARTMENT OF EMERGING TECHNOLOGIES, MGIT (AUTONOMOUS)

Joint Collaboration with

NIT Warangal & Ministry of Electronics and Information Technology (MeitY), Gol.
6th Jan – 11th Jan 2025



About CBES

CBES was established in 1979 by an erudite and eminent group of trail blazers. The primary objective of this Educational Society is to create temples of knowledge. The atmosphere is conducive for imparting essential technical & wide gamut of requisite skills that groom students into responsible global citizens, ready for success. The institution named after the father of the nation lays great emphasis on value-based education. The campus is bustling with activities, assiduously supported by the management.

About MGIT

Mahatma Gandhi Institute of Technology is one of the premier Engineering Colleges in the self-financing category in the state of Telangana. MGIT is affiliated to Jawaharlal Nehru Technological University, Hyderabad. The institute has recently received accreditation for 3 years for all 8 B Tech Programs from National Board of Accreditation, New Delhi. The institute is also accredited by NAAC with an 'A++' grade. Mahatma Gandhi Institute of Technology (MGIT) was established by the Chaitanya Bharathi Educational Society (CBES) in a serene and tranquil atmosphere at Gandipet, Hyderabad and has grown rapidly since its inception in 1997. The lush green campus of MGIT is spread over 30 acres of pleasant landscape with a constructed area of 2,50,787 sq ft. In a recent development, MGIT is honoured to be conferred with the autonomous status by University Grants Commission (UGC), New Delhi. The college offers courses in 11 Undergraduate Programs (Computer Science and Engineering, Information Technology, ECE, EEE, Mechatronics, Metallurgical & Materials Engineering, Civil Engineering and Mechanical Engineering, Computer Science and Business System, Computer Science and Engineering (Artificial Intelligence and Machine Learning) and Computer Science and Engineering (Data Science)). The college also offers courses in 5 Postgraduate Programs (Artificial Intelligence, Mechatronics, DECS, PEED, CASE) in respective departments.



About Department of Emerging Technologies

MGIT's Emerging Technologies department is a centre of scholarly excellence housing 22 dedicated faculty members at different stages of their research endeavour; with two focused branches – Computer Science and Engineering in Artificial Intelligence and Machine Learning, and Computer Science and Engineering in Data Science to prioritize cutting-edge education. Our commitment to staying at the forefront is evident in our B.Tech programs launched in 2020, each with an intake of 60 students. These programs offer a robust foundation in Computer Science and hands-on experiences, preparing students for real-world challenges in the dynamic fields of AI&ML, and Data Science.

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 13 Departments offering eight undergraduate and 32 post-graduate programmes. About 5000 students across the country and about 500 international students study in the campus. It is a fully residential campus sprawling over 250 acres with excellent infrastructure, guest house and laboratory.

About the FDP:

This FDP is devoted to addressing the need to enhance knowledge about the latest technologies pertaining to the real-world applications of machine learning. Machine Learning in Real-time Research & Development technologies in the Domains of Machine Learning is being conducted in online & offline (hybrid) mode at the Mahatma Gandhi Institute of Technology, Hyderabad. The whole course is handled by academicians and industry experts.

Major Course Contents:

- Fundamentals of Machine Learning with hands-on approach
- Supervised Learning Techniques with hands-on approach
- Unsupervised learning Techniques with hands-on approach
- Introduction to neural Networks & Deep Learning with Models with hands-on approach
- Advanced Topics & Research Trends in Machine Learning.
- Case studies

Resource Persons:

Academicians in the concerned fields from IITs / NITs / IIITs are invited to deliver lectures in the programme. Speakers from industries are also expected to programme.

How to Apply

Interested candidates can apply online by clicking below link

<https://forms.gle/jRB5X7KdXszFtyTf9>

Join in WhatsApp Group: [We will intimate you by an email](#)

Participants details need to be filled and payment details uploaded by using above link in Google Forms on or before 03th Jan 2025.

Who should attend?

The Programme is open to all Faculty / Research Scholars / Industry Professionals / MCA / MBA / Degree / Polytechnic and other eligible Research Scholars / Faculties can register the course.

Bank Account Details

ACCOUNT NAME:	Electronics & ICT Academy, NITW
BANK NAME:	State Bank of India, NIT(REC) Warangal
ACCOUNT NO:	62423775910
IFSC CODE :	SBIN0020149
BRANCH :	NIT WARANGAL

Registration Fee(Hybrid Mode):

- Faculty: 1000(One Thousand only).
- Industry Professionals: 3000(Three Thousand only).

Important Dates:

Last date (Application)	03.01.2025
Selection List by E-mail	04.01.2025
Duration	06.01.2025 to 11.01.2025

Confirmation mails will be sent two days before the Programme.

Once Paid/Registered your are confirmed

The interested individuals need to register on the FCFS basis the seats are limited to 40 only.

“With Best compliments from” – MGIT Management

Advisory Committee

Prof .G. ChandraMohan Reddy, **Principal, MGIT**

Dr. K. Sudhakar Reddy, **Vice-Principal, MGIT**

Dr. N. Eswara Prasad, **Director (R & D), MGIT**

Coordinators:

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Mr. Mallela Srikanth

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