



ONLINE FACULTY DEVELOPMENT PROGRAMME (FDP)
ON
Advanced Machine Learning Techniques: From Concepts to Real-World Implementation
(03rd Feb – 12th Feb 2025)



Organized by
Electronics & ICT Academy, NIT Warangal
In Association With

Department of AIML, Chaitanya Bharathi Institute of Technology(A), Hyderabad
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 Program (FDP) is designed to provide researchers and educators with knowledge and practical skills in Advanced Machine Learning (ML). Covering essential topics like, Advanced ML Techniques, Reinforcement Learning, Semi-supervised Deep Learning and explainable AI etc., The FDP emphasizes real-world applications across sectors such as healthcare, finance, and Agriculture. Hands-on Python sessions will enable participants to tackle contemporary advanced ML challenges and develop impactful solutions. By the end of this FDP, attendees will be able to solve any real-world complex problems by using Advanced ML and DL Techniques.

Major Course Content:

- Introduction to Machine learning
- Advanced Machine Learning Concepts
- Reinforcement Learning and its applications
- Semi-supervised Deep Learning Techniques
- Explainable AI and its Applications
- Advanced NLP Models- Transformer Models
- Deep Learning for Computer Vision
- Real-World Case Studies and Applications
- Hand-on Sessions for real-world Case studies

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 and 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.

Registration Fee Particulars:

Faculty and Research Scholars	Rs.750/-
Industry Participants	Rs.2250/-

How to apply:

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

<https://forms.gle/pmWLZjfgZJhzCYHt8>

Selection Criteria:

Selection will be done based on first-come-first-serve basis to a maximum number of participants 100 (Hundred). Candidates will be issued satisfactory certificates on successful completion of the course.

Important Dates:

Last date (Application)	25.01.2025
Selection List by E- mail	28.01.2025
Duration	03.02.2025-12.02.2025

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 CBIT Hyderabad:

Chaitanya Bharathi Institute of Technology (CBIT) is one of the premier Engineering Colleges in the self-financing category in the state of Telangana established in the year 1979. The college offers 11 UG and 10 PG Programmes. The Institute has become Autonomous under UGC w.e.f. 2013-14. UG & PG Programmes are accredited by NBA. The Institute is accredited by NAAC with 'A++' grade in 2023 for five years. CBIT (A) ranked in the rank band 150-200 in Engineering Category under National Institutional Ranking Framework (NIRF), Govt. of India, MHR.

Coordinators

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