



**ONLINE FACULTY DEVELOPMENT PROGRAMME (FDP) ON
Revolutionizing Education with Machine Learning & Generative AI**
(3rd February – 13th February 2025)



Organized by
Electronics & ICT Academy, NIT Warangal
in association with

Department of CSE (AI&ML, DS), Anil Neerukonda Institute of Technology & Sciences, AP
(Sponsored by Ministry of Electronics and Information Technology (MeitY), GOI)

About the FDP: This FDP is devoted to addressing the need to enhance knowledge about the latest technologies pertaining to Real-World Applications of Machine Learning and DL with Python for real-time and education-related applications. It is being conducted in online mode at the National Institute of Technology, Warangal, and the Anil Neerukonda Institute of Technology & Sciences, Visakhapatnam. The whole course is handled by academicians and industry experts.

Major Course Content

- Introduction to Artificial Intelligence, ML and Deep Learning, AI in Education and Present Challenges and Future Directions
- Research in Machine Learning, Deep Learning. Regression Models and Different Types
- Perceptron's, Multilayer Perceptron's, and Backpropagation
- Support Vector Machine Classification PCA
- CNN models and Different types
- Generative AI, Auto encoders and GenAI with applications to education
- Real-Time Applications, LSTM, Bi-LSTM, Attention
- Object Detection and Segmentation

Selection Criteria:

Selection will be based on a first-come, first-served basis, with a maximum of 50 (Fifty) candidates. Candidates will be issued satisfactory certificates upon successful completion of the course.

Registration Fee Particulars:

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

Faculty Co-coordinators

- Mrs. G.V.Gayathri
- Ms. Y. Sruthi

Important Dates:

- Last date (application): 1.2.2025
- Selection List by E-mail: 2.2.2025
- Duration: 3.2.2025 to 13.2.2025

TRANSACTION DETAILS

Faculty Account Name : Electronics & ICT Academy
NITW
Account No: 62423775910
IFSC : SBIN0020149
Bank and Branch: State Bank of India, NIT (REC)
Warangal and Research Scholars

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