



ONLINE FACULTY DEVELOPMENT PROGRAMME (FDP)

ON

AI & ML Applications for Next Generation Engineers

(19th May – 29th May 2025)

Organized by

Electronics & ICT Academy (Hub), NIT Warangal

in association with

E&ICT Academy (Spoke), IIITDM Kurnool, Andhra Pradesh

&

Rajalakshmi Engineering College, Chennai, NAAC A++

(Approved by A.I.C.T.E., New Delhi, Permanently Affiliated to Anna University Chennai)

Vellore - Chennai Rd, Rajalakshmi Nagar, Thandalam, Mevalurkuppam, Tamil Nadu 602105.

Sponsored by:

Ministry of Electronics and Information Technology (MeitY), GoI



About FDP

The Faculty Development Programme (FDP) on AI & ML Applications for Next-Generation Engineers equips educators and researchers with the expertise to integrate Artificial Intelligence (AI) and Machine Learning (ML) into engineering education and research. Covering key concepts like deep learning, neural networks, and predictive analytics. The FDP includes hands-on training with industry-standard tools such as Python, Tensor Flow, and Scikit-Learn. Participants will explore AI/ML applications in smart manufacturing, healthcare, automotive, robotics, and IoT, along with pedagogical strategies for effective teaching. Through expert sessions and interactive discussions, this FDP bridges academia and industry, fostering innovation, collaboration, and AI-driven advancements in engineering.

Major Course Content:

- Basics of AI & ML
- Deep Learning and Neural Networks
- AI applications in Industry 4.0, smart systems, and sustainable development.
- The Program will be conducted in Online Mode, daily for 04 hours.

Experts

The program will be conducted by the faculty members from IIITDM Kurnool, Rajalakshmi Engineering College, Academicians in the concerned field from IITs/NITs/IIITs/CFTIs/ reputed institutes are invited to deliver lectures in the program. Speakers from industries are also expected to deliver as part of the course.

Fee Particulars

Participants need to pay the Registration Fee Online using the following details

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

Online Transfer Details

Account Name : **Electronics & ICT Academy NITW**

Account No : **62423775910**

IFSC : **SBIN0020149**

Bank and Branch: **State Bank of India, NIT(REC) Warangal**

How to apply:

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

<https://forms.gle/sJ2PLVvQYEaFBCTu8>

Selection Criteria:

Selection will be done based on the first-come-first-serve basis to a preferable maximum number of 50 (fifty). Candidates will be issued satisfactory certificates on successful completion of the course.

Important Dates:

Last date (Application)	12.05.2025
Selection List by E- mail	15.05.2025
Duration	19.05.2025 to 29.05.2025

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. programs in various specializations. All B. Tech and M. Tech programs of NIT Warangal are NBA accredited.

About IIITDM Kurnool

Indian Institute of Information Technology Design & Manufacturing, Kurnool (IIITDMK) was announced in 2014 after receiving the assent of President of India to the Institutes of Information Technology Act, 2014. IIITDM Kurnool is fully funded by Ministry of Education. IIITDM Kurnool was accorded the status of Institute of National Importance. The campus was inaugurated by Hon'ble Prime Minister on 20th February 2024. The institute is offering B.Tech in CSE, AI&DS, ECE, ME, M.Tech in 6 specialization in Engineering and Ph.D. IIITDM Kurnool students bagged AIR 29 and 42 in GATE 2024.

About Rajalakshmi Engineering College

Rajalakshmi Engineering College, Chennai, an autonomous institution affiliated with Anna University, was established in 1997 under the Rajalakshmi Educational Trust. The college offers 19 UG and 9 PG programs with over 2000 annual intake. 10 departments are recognized as Anna University Research Centres. Accredited by NBA and NAAC (A++), REC ranked 86th in NIRF 2023. Recognized as a SIRO by DSIR, it houses 15 Centres of Excellence and an IDEA Factory for innovation.

Coordinators

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