



ONLINE FACULTY DEVELOPMENT PROGRAMME (FDP)

on

AI/ML: Foundations, Real-World Applications and Sustainable Development

(2nd April 2025 to 11th April 2025)

Organized by

E&ICT Academy, NIT Warangal

In Association with

Hirasugar Institute of Technology, Nidasoshi, Karnataka

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 this FDP:

This FDP is devoted to addressing the need to enhance knowledge about Problem-solving techniques with the latest technologies in Advanced AI and ML Techniques, which is being conducted in online mode as a joint venture of **E&ICT Academy, National Institute of Technology, Warangal**, and the **Hirasugar Institute of Technology, Nidasoshi, Karnataka**. Academicians and industry experts from IITs, NITs and Premier Organizations will handle the whole course.

Major Course Contents:

- AI and ML: Fundamentals and Applications
- AI/ML Tools & Frameworks
- AI-Based Problem-Solving Techniques
- Real world Applications of AI/ML
- Soft Computing Applications
- Deep Learning for Problem Solving
- Impact of AI and ML on Sustainable Development
- Quantum AI & Next Gen Computing
- Case Studies

Faculty conducting this program:

The program will be conducted by faculty members from NIT Warangal and the Hirasugar Institute of Technology, Nidasoshi; academicians in the concerned field from IITs/NITs/IIITs/abroad are invited to deliver lectures. Speakers from industries are also expected to provide as part of the course.

Registration Fee Particulars:

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

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

How to apply:

Participants must register online by clicking the link below. If the link does not open, copy it and paste it into a browser, then press enter.

Link to Apply:

<https://forms.gle/1n4xiv9Sqh9jMEN39>

Selection Criteria:

Selection will be made based on a first-come-first-serve basis to a maximum number of 40 (forty). The list of selected participants will be intimated through e-mail. The DD/online payment will be returned if a candidate is not selected. Candidates will be issued satisfactory certificates (both Hard and Soft copy) on successful completion of the course.

Important dates:

Last date for submission of the Application	30.03.2025
Selection List by Email	31.03.2025
Duration	02.04.2025 to 11.04.2025
Session Time (Online Mode)	3 PM to 7 PM

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 and 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 Hirasugar Institute of Technology, Nidasoshi:

Hirasugar Institute of Technology, Nidasoshi is established in the year 1996 with the sole purpose of providing quality technical education in four disciplines of engineering. Since then the growth of the institute has been guided by the proactive response to the fast changing world of technology. The Institute is approved by AICTE, New Delhi and is affiliated to VTU, Belagavi. The Institute is Accredited by NAAC at A+ and NBA Accredited across two disciplines. The Institute Recognized under 2(f) & 12B of UGC Act, 1956. The Institute's main objective is to provide effective technical education and make the students to become better citizens and accomplished technocrats of our nation.

Coordinators

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