



Online Faculty Development Program (FDP) on Applied Data Science for Real-World Problem Solving

(18th to 28th August 2026)

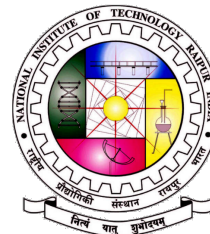
Organized by

Electronics and ICT Academy, NIT Warangal

In Association With

Department of CA, NIT Raipur, Raipur - 492010, Chhattisgarh

Sponsored by Ministry of Electronics and Information Technology (MeitY), GoI



Preamble:

Electronics and ICT Academy Phase II was set up at NIT Warangal with financial assistance from MeitY, GoI. This academy's role is to offer FDPs in standardized courses and emerging areas of electronics, information and communications technologies, training and consultancy services for industry, curriculum development for industry, CEP for working professionals, advice and support for technical incubation and entrepreneurial activities.

About the FDP:

The FDP titled “**Applied Data Science for Real-World Problem Solving**” aims to equip participants with practical knowledge of data-driven techniques and analytical tools to address complex real-life challenges. The program focuses on hands-on learning in areas such as data analysis, machine learning, and predictive modeling across diverse application domains. It provides an excellent platform for academicians and professionals to enhance their research and teaching capabilities in emerging data science technologies.

Major Course Content:

- Introduction to Data Science
- Outliers and Class Imbalance Issues, Feature Selection
- Regression, Nearest Neighbor-Based Classifier, Decision Tree
- Clustering Algorithms
- Dimensionality Reduction and its Applications
- Aspects of Security in Data Science Application
- Data Science using Open-Source Tools
- Natural Language Processing
- Recommendation Systems
- Large Language Models
- Case Studies

Experts/Speakers:

The program will be conducted by the faculty members from NIT Warangal. Academicians in the relevant field from IITs/NITs/IIITs are invited to deliver lectures during the program. Speakers from industries are also expected to deliver as part of the course.

Registration Fee Particulars:

Faculty, and Research Scholars	Rs. 500/-
Industry Participants	Rs. 2250/-

Participants need to pay the registration fee online using the following details.

Account Name: Electronics & ICT Academy NITW

Account No: 62423775910

IFSC: SBIN0020149

Bank and Branch: State Bank of India, NIT Campus, Warangal

How to Apply:

Participants are required to complete the online registration form by clicking the following link.

<https://forms.gle/69q3vtBZhC8ZrCER8>

Selection Criteria:

Selection will be done on a first-come, first-served basis to a minimum of 40 participants. Candidates will be issued an e-certificate upon successful completion of the course, within 15 days of the course, subject to 80% attendance and 60% marks on the MCQ-based exam on the last day of the course.

Important Dates:

Last Date for Registration	15.08.2026
Selection List by E-mail	16.08.2026
Duration	18.08.2026 to 28.08.2026
Timing	2 PM to 6 PM Daily

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 institute has established itself as a premier institution imparting technical education of the highest standard, leading to the B. Tech. degree, 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/were NBA-accredited.

About NIT Raipur:

National Institute of Technology, Raipur (NIT Raipur or NITRR) is a public technical and research university located in Raipur, the capital of Chhattisgarh. Founded in 1956 with two engineering disciplines, namely Mining Engineering and Metallurgical Engineering, the institute focuses exclusively on science, technology, engineering, and architecture. It is recognized as an Institute of National Importance and funded by the Government of India under the National Institutes of Technology Act, 2007. It is one of the oldest institutes established under the National Institutes of Technology act. NIT Raipur offers 5 Years, 4 Years and 2 Years degree programs. Admissions to the institute are through the Joint Entrance Examination and Graduate Aptitude Test in Engineering. It offers degrees such as: Four year Bachelor of Technology, five Year Bachelor of Architecture, three Year Master of Computer Application, 2 Year Master of Technology, and a few others. It also has a comprehensive graduate program offering doctoral degrees in Science, Technology, Engineering and Mathematics. It is currently undergoing accelerated growth through the World Bank-funded Technical Education Quality Improvement Program (TEQIP).

Coordinators:

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