

## About Electronics & ICT Academy at



### PDPM IIITDM Jabalpur

The Ministry of Electronics and Information Technology (MeitY), Government of India has instituted Electronics and ICT Academies in the year 2015. In the second phase, the academy at PDPM IIITDM Jabalpur aims at scalable training programmes in niche areas of Electronics and ICT for the development of the required knowledge base, skills and tools to unleash the talent of the Indian population. The Academy is identified by the MeitY as a hub of activities for capacity building through training, internships, research, and consultancy programmes in fundamental and advanced topics in electronics, information and communication technologies, the Academy conducts customized academic programmes for students, corporate sectors and researchers.

### About Netaji Subhas University of Technology, Delhi

Netaji Subhas University of Technology (NSUT), formerly known as Netaji Subhas Institute of Technology (NSIT) is a seat of higher technical education to provide education and research in branches of engineering, technology, sciences, humanities, social sciences, and management and for the advancement of learning and dissemination of knowledge in such branches. It was established in the year 1983 as Delhi Institute of Technology to meet the growing demands of manpower in the emerging fields of engineering and technology with a close social and industrial interface.

## Faculty Development Programme

On

### Machine Learning for IoT Engineers: From Devices to Data

The main goal of this FDP is to provide faculty, researchers, and professionals with a holistic understanding of integrating Machine Learning (ML) principles and models within Internet of Things (IoT) systems. Participants will learn how to transition from basic device connectivity to developing intelligent, data-driven applications that span both the edge and the cloud.

#### Who can attend

Suitable for faculty from colleges, universities, and technical and professional institutes can attend. Students, fresh graduates, researchers, and industry personnel working in allied disciplines can also attend.

#### Important Dates

Last Date of Online Registration: **03/01/2026**

FDP Dates: **January 05-09, 2026**

#### Coordinators

**Dr. Ranjeet Kumar Ranjan**

(PDPM IIITDM, Jabalpur)

[ranjeet.kr@iiitdmj.ac.in](mailto:ranjeet.kr@iiitdmj.ac.in)

**Dr. Umer Ashraf** (NSUT Delhi)

[Umer.ashraf@nsut.ac.in](mailto:Umer.ashraf@nsut.ac.in)

#### Co-coordinators

**Dr. Naveen Jaglan** (NSUT Delhi)

**Dr. Ratneshwar Kumar** (NSUT Delhi)

**Dr. Sandeep Singh** (NSUT Delhi)

**Dr. Geetanjali** (NSUT Delhi)

#### Contact us

[academy@iiitdmj.ac.in](mailto:academy@iiitdmj.ac.in), [eict@iiitdmj.ac.in](mailto:eict@iiitdmj.ac.in)

**Mr. Durgesh Kushwaha** (Ph: 7898670354)

## Faculty Development Programme

On

### Machine Learning for IoT Engineers: From Devices to Data

Jointly Organized by

**Netaji Subhas University of Technology,**

**Delhi**



and

**Electronics and ICT Academy**

**PDPM IIITDM Jabalpur**



*An Initiative of the Ministry of  
Electronics and Information Technology,  
Government of India*



**Faculty Development Programme**  
**On**  
**Machine Learning for IoT Engineers: From**  
**Devices to Data**

**January 05-09, 2026 (online mode)**

**Resource Persons**

- Dr. Rohit Kumar (DTU, Delhi)
- Dr. Chinmay Chakraborty (KIIT University)
- Dr. Shahid Mehraj Shah (NIT Srinagar)
- Dr. Ranjeet K. Ranjan (IIITDM, Jabalpur)
- Dr. Mohammad Khalid (NIT Hamirpur)
- Dr. Ankit Kumar Jaiswal (JNU)
- Dr. Jameel Ahmed (BU, Saudi Arabia)
- Dr. Rouf Khan (SKUAST)
- Dr. Asim Ashai (Micron)
- Dr. Amit Singh (DRDO, New Delhi)

**Coordinators**

**Dr. Ranjeet Ranjan**  
(PDPM IIITDM, Jabalpur)

[ranjeet.kr@iiitdmj.ac.in](mailto:ranjeet.kr@iiitdmj.ac.in)

**Dr. Umer Ashraf** (NSUT, Delhi)  
[umer.ashraf@nsut.ac.in](mailto:umer.ashraf@nsut.ac.in)

**Co-coordinators**

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**Dr. Geetanjali** (NSUT, Delhi)

**Course Contents**

- Introduction to fundamental concepts and applications of the subject
- Overview of key tools, techniques, and workflows used in the field
- Understanding data, its collection, processing, and interpretation
- Learning essential analytical and problem-solving methods
- Practical demonstrations and guided exercises to reinforce concepts
- Case studies and examples to connect theory with real-world scenarios
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- Case studies and examples to connect theory with real-world scenarios

**Hands-On Sessions**

- Practical exercises to apply concepts learned during the sessions
- Guided demonstrations followed by participant practice
- Activities focused on analyzing and interpreting real or sample datasets
- Step-by-step implementation tasks supported by resource persons
- Group-based problem-solving and mini-project activities

**Programme Features**

- Well-structured sessions combining conceptual learning and practical exposure.
- Interactive lectures delivered by experienced facilitators.
- Hands-on activities to reinforce understanding of key concepts.
- Real-world examples to connect theory with practical applications.
- Learning materials and resources provided for continued self-study.
- Participation certificate awarded on successful completion of the programme.

**Registration Details**

- Registration link – Please fill out registration using the following link:  
<https://forms.gle/cDtVWHXUDRxhqJr56>
- Registration fee: 500/ for online participation
- Last Date for Registration: **03/01/2026**

**Online Payment Details**

|                  |                      |
|------------------|----------------------|
| Beneficiary Name | PDPM IIITDM Jabalpur |
| Bank Name        | Indian Bank          |
| A/C No.          | 50018692852          |
| IFSC Code        | IDIB000M694          |
| UPI ID           | iiitdmj@indianbk     |

**QR Code**

