

## Faculty Development Program

on

### Exploring Generative AI and Blockchain in IoT (EGB-IoT)

February 02-06, 2026

INFORMATION TECHNOLOGY & COMPUTER  
APPLICATION, MMMUT, GORAKHPUR

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Department of Information Technology & Computer  
Application  
Madan Mohan Malaviya University of Technology  
Gorakhpur-273 010, (U.P.) INDIA  
(NAAC "A" Grade University)

## About University

Madan Mohan Malaviya University of Technology, Gorakhpur has been established in the year 2013 by the Government of Uttar Pradesh in the form of a non-affiliating technical University after reconstituting the Madan Mohan Malaviya Engineering College, Gorakhpur which was established in 1962. In addition to UG in Civil Engineering, Chemical Engineering, Computer Science & Engineering, Mechanical Engineering, Electrical Engineering and Electronics & Communication Engineering, Information Technology, University also offers B. Pharm, BBA, MBA, MCA, M. Tech, M.Sc. and Ph.D. courses in various specializations.



## About Gorakhpur

Gorakhpur is well connected by air, road and rail to all major cities Lucknow (270 KM), Varanasi (197 KM) and Patna (220 KM). Direct flights are also available from New Delhi to Gorakhpur. The MMM University of Technology is situated on Deoria road about 9 Km from Gorakhpur Railway station and 5 Km from the Gorakhpur airport.

## About FDP

The Faculty Development Program (FDP) on "Exploring Generative AI and Blockchain in IoT" aims to enhance participants (EGB-IoT)" understanding of emerging technologies and their integration in smart systems. The program focuses on the convergence of Generative AI, Blockchain, and IoT to promote innovation, security, and automation.

Through expert lectures, demonstrations, and interactive sessions, participants will explore AI-driven IoT applications, Blockchain-based data integrity, and decentralized frameworks. By the end of the FDP, faculty and researchers will be equipped to apply these technologies in their teaching, research, and interdisciplinary projects, fostering advancements in next-generation intelligent systems.

## Contents of the Course

The Course provides in-depth coverage on the following areas:

- **Introduction to IoT, Generative AI, and Blockchain.**
- **Data Augmentation and Anomaly Detection with Generative AI**
- **Enhancing IoT Security with Blockchain.**
- **Integrating Generative AI and Blockchain in IoT Applications.**
- **Evaluation and Certificate**

## Course Duration

One week, February 02-06, 2026 (Hybrid Mode)

## Venue:

Aryabhatta Hall, ITRC, MMMUT

## Course Objective

The Faculty Development Program aims to provide participants with a comprehensive understanding of Generative Artificial Intelligence (AI) and Blockchain technologies along with their integration within the Internet of Things (IoT) ecosystem. It seeks to enhance faculty expertise in state-of-the-art AI models, including generative techniques such as Large Language Models (LLMs), diffusion models, and Generative Adversarial Networks (GANs) for intelligent IoT applications. The program will introduce the fundamentals of Blockchain frameworks to ensure data security, transparency, and trust within IoT networks. Through hands-on learning sessions, demonstrations, and case studies, participants will explore AI-driven IoT data analytics, smart contracts, and decentralized IoT systems. Furthermore, the FDP encourages faculty members to develop interdisciplinary research proposals, contribute to scholarly publications, and adopt innovative teaching methodologies that promote the convergence of AI, Blockchain, and IoT technologies.

## Course Outcomes

After successful completion of this FDP, participants will be able to:

1. Understand the core concepts of Generative AI, Blockchain, and IoT.
2. Gain skills to integrate AI and Blockchain in IoT-based applications.
3. Learn to design secure and intelligent IoT systems.
4. Develop ideas for research projects and publications in emerging technologies.

## Eligibility Criteria

The program targets Faculty members of the AICTE-approved institutions and Research scholars are eligible to apply for the FDP.

### Registration Fee

**Registration Fee:** MMMUT participants: Rs 250/-  
Others: Rs 500/-

### Payment Link:

<https://mmmut.samarth.edu.in/feeportal/index.php/fee/fee-payment-miscellaneous/register>



### Participant Evaluation

Registered candidates would be eligible to receive a certificate upon minimum 80% attendance.

### Registration Link:

<https://forms.gle/j8cG1QmCiYhhmV8H9>

### For any further query, you may contact:

**Dr. Ashish Srivastava**

Co-coordinator

+91-7408805657

**Ms. Kumud Patel**

Co-coordinator

+91-7348163693

### Important Dates

- **Last Date to Apply:** 25/01/2026
- **Notification to Selected Candidates:** 27/01/2026

**Note:** All outside participants may be provided hostel accommodation on request basis.

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### Application Form

1. Name (block letter): .....

2. Designation: .....

3. Organization: .....

4. Address for communication: .....

.....

Pin code: ..... Mobile No: .....

E-mail: .....

5. Highest Academic Qualification: .....

6. Specialization: .....

7. Experience (in years): .....

8. Bank Name (Branch): .....

9. Transaction ID: .....

10. Accommodation Required (Yes/No): .....

**Note: Registration is Mandatory.**

Place:

Date:

Applicant's Signature

Seal and Signature of Head of Institution