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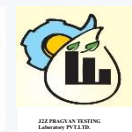
Lt. K. B. Sahay, Assistant Professor, EED MMMUT Gorakhpur

About University and Electrical Engineering Department

Madan Mohan Malaviya University of Technology, Gorakhpur has been established in the year 2013 by the Government of Uttar Pradesh. It is non - affiliating, Academic & Research University after reconstituting the Madan Mohan Malviya Engineering College, Gorakhpur, established in 1962. MMMUT has been ranked among the top institutions in India as per the NIRF, securing an overall ranking of 99th at the national level. The university has also been awarded the prestigious "A" grade by NAAC, reflecting its commitment to excellence in academics, research, and institutional development. MMMUT has become the only UP State Technical University to bag "A" grade in the first cycle of the accreditation process.

The University offers various undergraduate programs in the disciplines of Civil, Chemical, Electrical, Mechanical, Electronics & Communication Engineering, Information Technology, Bachelor of Business Administration, Bachelor of Pharmacy and Computer Science & Engineering along with twelve MTech programs and Doctoral Programs in various specializations. It is also a QIP center for the Ph.D. program in Electrical, Mechanical and Electronics & Communication Engineering departments.

The Department of Electrical Engineering was established in the year 1962. The program is accredited by NBA in the year 2016 and reaccredited in the year 2019. The PG course with specialization of PED (Power Electronics and Drives) and C&I (Control & Instrumentation) have also been started from 2001 and 2013 respectively.



**IEEE UP Section and Power Grid Corporation
India Private Limited (PGCIL) Sponsored**

One week

**International Faculty Development
Program**

on

**AI APPLICATIONS IN
ELECTRICAL ENGINEERING
[IFAAEE – 2026]**

27th April to 1st May 2026



Organized by
Department of Electrical Engineering

In association with
IEEE-Student Branch

**Madan Mohan Malaviya University of Technology,
Gorakhpur, 273010, UP,
<http://www.mmmut.ac.in/>**

RANKINGS AND ACCREDITATIONS



Engineering : 60th
University : 88th
State Public University : 23rd
Overall : 99th
Management : 83rd



Grade : **A**
CGPA : **3.10**



South Asia : **292**
Asia Ranking : **901+**



India : 65
World : 1201-1500

About Gorakhpur

The Gorakhpur is well connected by road and rail to all major cities Lucknow (270 Km), Varanasi (216 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 Junction and 5 Km from the Gorakhpur airport.

About Program

The Department of Electrical Engineering in association with IEEE-Student Branch are organizing a one-week Faculty Development Program (FDP) on AI Applications in Electrical Engineering for from 27th April to 1st May 2026. This program is intended for faculty members, teachers, postgraduate students, research scholars, and individuals interested in applying AI in electrical engineering. This event is sponsored by IEEE UP Section, J2Z PRAGYAN TESTING Laboratory PVT.LTD. and Power Grid Corporation India Private Limited (PGCIL).

Program Objective

The objective of this program is to provide participants with a basic understanding of Artificial Intelligence (AI) and its growing importance in Electrical Engineering. By the end of the program, participants will be familiar with the application of AI in key areas such as power systems, control systems, and electrical machines. The program aims to develop their ability to approach and analyze electrical engineering problems using AI-based methods, reliability, and automation in modern electrical systems.

Contents of the Course

The course covers the basic concepts of Artificial Intelligence (AI) and its importance in Electrical Engineering. It includes an introduction to machine learning techniques and their applications in electrical systems. The course also discusses the use of AI in areas such as power system analysis, fault detection, smart

grids, control systems, and energy management. Participants will also get an overview of modern AI tools and methods used to improve the efficiency, reliability, and automation of electrical engineering systems.

Tentative Topics to be Covered in FDP (AI in Electrical Engineering):

- Introduction to Artificial Intelligence and its fundamentals.
- Role of AI in modern electrical engineering applications.
- AI techniques in power systems analysis and optimization.
- Application of machine learning in fault detection and diagnosis.
- Use of AI in control systems and automation.
- Smart grid development using AI based technologies.
- AI applications in electrical machines and drives.
- Data analysis and predictive maintenance using AI tools.
- Encouraging innovation and research using AI methodologies.

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Fill the following form after online payment:
<https://forms.gle/uEnbpt3uahpjZRVc8>

Registration Fee

Research Scholar: Rs. 200
Faculty members: Rs. 500

Mode of payment

Participants can deposit the registration fee online with following details:

A/C	Madan Mohan Malaviya University of Technology
Account No.	33542824744
IFSC code	SBIN0002578
Bank Name	SBI MMMUT, Gorakhpur

Tentative Speakers for the International FDP

Name of Speaker	Designation	Affiliation
Prof. S. N. Singh (Inaugural Session)	Professor	IITM Gwalior (M.P), India
Dr. Nishant Kumar	Associate Professor	IIT, Jodhpur, India
Dr. Saurav Raj	Assistant Professor	NIT, Raipur, India
Dr. Monalisa Biswal	Associate Professor	NIT, Raipur, India
Dr. Surender Reddy Salkutti	Associate Professor	Woosong University, China
Dr. Sumit Verma	Senior Lead Engineer	EIRGrid, Dublin, Ireland
Dr. Aprajita Salgotra	Senior Lead Engineer	EIRGrid, Dublin, Ireland
Mr. Anant Kumar Singh	Senior Consultant (Power & Utility Sector)	EY Group, India
Dr. Dipayan Guha	Assistant Professor	MNNIT Allahabad, Prayagraj, India
Prof. Saikat Chakrabarti	Professor	IIT, Kanpur, India

Duration & Timing: 27th April – 1st May 2026 | 5:00 PM – 8:00 PM