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AICTE-MMMUT MoU Program Coordinators

Dr. Jay Prakash

Registrar, MMMUT Gorakhpur

Dr. Shekhar Yadav

Assistant Professor, EED, MMMUT Gorakhpur

List of Speakers

Dr. R. K. Singh, Professor, MNNIT Allahabad

Dr. Asheesh K. Singh, Professor, MNNIT Allahabad

Dr. K. Ravi Kumar, Associate Professor, IIT Delhi

Dr. S. K. Singh, Associate Professor, IIT (BHU), Varanasi

Dr. R. K. Singh, Associate Professor, IIT (BHU), Varanasi

Dr. Rakesh Maurya, Associate Professor, SVNIT, Surat

Dr. S. R. Arya, Associate Professor, SVNIT, Surat

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

The 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 Junction and 5 Km from the Gorakhpur airport.

Short Term Training Program

on

Advances in Electric Vehicles and Energy Systems (AEVES-2022)

December 19 - 23, 2022

Course Convener

Dr. Prabhakar Tiwari

Associate Professor, EED

MMMUT Gorakhpur (U.P.), India

Jointly Organized by



**All India Council for Technical Education (AICTE),
New Delhi**

&



**Department of Electrical Engineering
Madan Mohan Malaviya University of Technology
Gorakhpur-273 010, (U.P.) INDIA
(NAAC "A" Grade)**

About AEVES-2022

Today most of the Electrical Energy is processed through Power Electronic Converters at the user end. Be it renewable energy integration or operation of electric vehicles (EVs), power electronics is playing a vital role in their development. The course will comprehensively discuss, design and control of the traditional as well as emerging power converters for EV and renewable energy systems. Along with recent control challenges and associated technical issues will also be highlighted. Some simulation laboratory session will also be covered to validate the performance benefits of converter control algorithms learned during the theoretical sessions.

Contents of the Course

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

- **Control of Grid-Connected PV Inverters**
- **Electric Vehicle Charging Infrastructure**
- **DC-DC Converter Controller Design for Solar PV Application**
- **Control Design for Grid-to-Vehicle, Vehicle-to-Grid, and Vehicle-to-Home Applications.**
- **Role of Custom Power Devices in Electric Vehicles and Drives System.**
- **Optimization Techniques for Power Electronic Systems.**

Course Duration

One Week, December 19 – 23, 2022 (Offline Mode)

Eligibility Criteria

The program targets Faculty members and Research Scholars of **Electrical, Mechanical, Electronics and Chemical Engineering from AICTE approved Institutions**. Limited to 50 participants on first come first served basis.

Registration & Address for Communication

The applicants are requested to get themselves registered through the following link:

<https://tinyurl.com/AEVES-2022>

For any further query, you may contact:

Dr. Jay Prakash, registrar@mmmut.ac.in

Dr. Shekhar Yadav, syee@mmmut.ac.in

Dr. Prabhakar Tiwari, ptee@mmmut.ac.in

Contact:

+91-9235500552, 9411222122, 8765783850

Important Dates

Last Date to Apply: December 17, 2022

Note: All the participants from AICTE approved Institutions will be provided TA as follows:

- For Faculties (3rd AC sleeper class with max. distance of 300 KM)
- For Research Scholars (Non-AC sleeper class with max. distance of 300 KM)

All participants will be provided Hostel accommodation including Breakfast, Lunch, and Dinner.

SHORT TERM TRAINING PROGRAM ON

Advances in Electric Vehicles and Energy Systems

(AEVES-2022)

(Sponsored by AICTE-MMMUT MoU Activities)

Application Form

1. Name (block letter):
2. Designation & pay scale:
3. Organization:
4. Address for communication:

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Pin code: Ph. No.

E-mail:

5. Highest Academic Qualification:

6. Specialization:

7. Experience (in years):

(a) Teaching:

(b) Industrial:

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

Please register me for the course on “AEVES-2022” held at MMMUT, Gorakhpur.

Place:

Date:

Applicant's Signature

Seal and Signature of Head of Institution