

## Organizing Committee

### Patron

**Prof. J. P. Pandey**

Hon'ble Vice Chancellor, M.M.M.U.T. Gorakhpur

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**Dr. R. K. Chauhan**

Professor & Head, ECED, M.M.M.U.T. Gorakhpur

### Convenor

**Mr. Anupam Sahu**

Assistant Professor, ECED, M.M.M.U.T. Gorakhpur

### Coordinator(s)

**Dr. Satish Chandra**

Assistant Professor, ECED, M.M.M.U.T. Gorakhpur

**Mr. Ritesh Kumar**

Assistant Professor, ECED, M.M.M.U.T. Gorakhpur

### List of Speakers

**Prof. K. Balani**, IIT Kanpur

**Dr. Anand Sharma**, MNIT Allahabad

**Dr. Jitendra Mishra**, IIIT Ranchi

**Dr. Satish Chandra**, MMMUT Gorakhpur

**Mr. Ritesh Kumar**, MMMUT Gorakhpur

### Contact Details

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## About University

Madan Mohan Malaviya University of Technology, Gorakhpur has been established in year 2013 by Govt. of Uttar Pradesh in the form of a non-affiliating teaching and research University after reconstituting the Madan Mohan Malaviya Engineering College, Gorakhpur established in 1962.

Fifty-Seven batches of students have entered its portals to emerge after four years of rigorous education under the tutelage of some of the most venerable Teachers, Engineers ready to face the world and create new worlds. The University is located at Gorakhpur - Deoria road, about nine km away from Gorakhpur railway station. In addition to UG programme in Civil Engineering, Chemical Engineering, Computer Science & Engineering, Information Technology & Computer Application, Mechanical Engineering, Electrical Engineering and Electronics & Communication Engineering, University also offers MCA, MBA., B.B.A M.Sc., M. Tech and Ph.D. programmes in various specializations.



## One-Week

## Faculty Development Programme

on

## Virtual Lab: Electronics and Communication Engineering (VLECE-2020)

(Sponsored by TEQIP III)

**Oct 12-16, 2020**

Organized by



## Department of Electronics & Communication Engineering

**Madan Mohan Malaviya University of Technology,  
Gorakhpur-273010, (U.P)**

Established by U.P. Government Act no-22 of 2013

## About the Programme

The objective of the programme is to create awareness towards online resources for bringing out the challenges in the field of academic experiments. During the pandemic situation of COVID-19, this programme will cover some of the regular experiments in course curriculum of Electronics & Communication Engineering and Electrical Engineering. Virtual Lab platform will be utilized to demonstrate (lectures and hands-on) key experiments of the following areas :

- **Digital Electronics and Circuits**

Basics gates, Combinational circuits such as MUX, De-MUX, Encoder etc.; Sequential circuits: Flip/Flops, Registers, Counters etc..

- **Control System**

First and second order control system with different types of controller along with time domain analysis and frequency response will be discussed with the help of MATLAB codes. Live demonstration and MATLAB simulation will be discussed on different types of servomotor and their characteristics with P, PI, and PID controllers.

- **RF & Microwave**

Mode pattern visualization inside rectangular waveguide and cavity resonator for unknown impedance measurement through smith chart, dielectric constant and loss tangent measurement through waveguide

The resource persons of the programme shall be speakers from IIT/IIT/NIT and parent Institute itself.

### Mode of Conduct:

The program will be conducted through Online Mode. Links of the session will be provided to the registered participants via WhatsApp group.

## Who can apply:

Applications are invited from interested researchers, faculty members, PhD, and UG/PG Students of academia for the participation through prescribed registration link as indicated below.

## How to apply:

A filled in google form in the prescribed format with all relevant information should be submitted on/before the last date for registration. The **link for registration** is given below

<https://forms.gle/y8wgNhyR2YVH4QBb7>

## Important Dates:

**Last date for registration** : Oct 11, 2020

**Intimation of selection** : Oct 11, 2020

**Duration of event** : Oct 12-16, 2020

### **NOTE:**

1. There is no registration fee.
2. Limited seats available for participation (first come, first serve).
3. Participants attending at least 75 percent of the sessions will be awarded E-Certificate.
4. The registered participants are required to join the WhatsApp group using the link provided after the successful submission of registration form.

**For any query, contact at:**

**FDP E-mail:** [fdpvlce@gmail.com](mailto:fdpvlce@gmail.com)

**Mr. Anupam Sahu, Convenor**

[asece@mmmut.ac.in](mailto:asece@mmmut.ac.in), +91-8765783685

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**Mr. Ritesh Kumar, Coordinator**

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## Registration Form

*One-Week*

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**Oct 12-16, 2020**

Full Name: .....

(In Block Letters)

Designation:.....

Department:.....

Organization:.....

Address of Correspondence.....

.....  
Date of Birth.....Gender.....

Email:.....

Contact No.:.....

## Declaration:

The above information is true to the best of my knowledge. I agree to maintain the required attendance in programme, failing which the e-certificate will not be issued.

Date:

Place:

Signature of Applicant