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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 Technical University after reconstituting the Madan Mohan Malaviya Engineering College, Gorakhpur which was established in 1962.

Fifty-four batches of students have entered its portals to emerge after 4 years of rigorous education under the tutelage of some of the most venerable teachers, engineers ready to face the world and create new world. The university is located on the Gorakhpur - Deoria road about 9 KM away from Gorakhpur Railway & Bus Station and 5 KM from Gorakhpur Airport. In addition to UG and PG programs in Electronics and Communication Engineering, Computer Science & Engineering, Civil Engineering, Mechanical Engineering, Electrical Engineering and Chemical Engineering, University also offers MCA, MBA and Ph.D. courses in various specializations.



Short Term Course

On

MODELING AND SIMULATION OF MICROELECTRONIC DEVICES AND CIRCUITS

(MSMDC-2016)

(Sponsored by TEQIP II)

December 16 - 22, 2016



Organized by

**Department of Electronics & Communication
Engineering**

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

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

(Formerly Madan Mohan Malaviya Engineering College)

Theme of Short Term Course

This Short Term Course (STC) on **Modeling and Simulation of Microelectronic Devices and Circuits (MSMDC-2016)** is being organized by the Department of Electronics and Communication Engineering to meet the competing requirements of recent technology, enhanced functionality, reduced size & weight and low cost of design and fabrication of robust electronic devices and circuits. STC is dedicated to the advanced knowledge in electronic devices in various aspects. The focus of this STC is to discuss the recent advancements in electron devices and their modeling & simulation tools with their well-recognized and promising applications. It will cover the topics ranges from device modeling, flexible electronics to basics of emerging electron devices and their potential applications as per the current academia and industry requirements. The STC will consist of invited talks in the related areas by experts from IITs, IITs, NITs and other premier institutes and research centres of the country as well as representatives from industry for hands-on-training. It will provide an opportunity for participants to discuss various aspects of emerging electron devices, disseminate work in progress and promote new ideas in the field.

In view of above stated requirements, the Department of Electronics and Communication Engineering is organizing a one-week STC on **Modeling and Simulation of Microelectronic Devices and Circuits (MSMDC-2016)**. The focus of this STC will cover the fundamental concepts, design techniques and behavior analysis of devices and circuits through industry benchmarked EDA and TCAD tools.

The “Hands-on Training” shall be provided to all the participants on technology used for devices and circuits. Candidates will get an opportunity to use

simulation tools such as Cadence, Visual TCAD, Silvaco Atlas and Synopsis.

The resource persons for the STC shall be the faculty of the University itself, eminent speakers from other IIT’s, IIT’s, NIT’s and other premier institutes and research centres of the country along with persons from the Industries.

Address for Correspondence

Applications are invited from interested PG students, research scholars, faculty members from academia, R&D laboratories, and Professionals from industries for the participation in this Short Term Course on **“Modeling and Simulation of Microelectronic Devices and Circuits (MSMDC-2016)”** in the prescribed registration form as indicated in this leaflet. Completed registration form should reach to the coordinator on or before **December 6th, 2016** to the given address.

The applicants can also register **ONLINE** through the given link., **Website:** <http://www.msmdc.org>.

**bkece@mmmut.ac.in; bkiitr@gmail.com
anupam.or.sahu@gmail.com**

For any further query, you may contact:

Dr. Brijesh Kumar

Associate Professor, ECED

Coordinator, MSMDC-2016

Department of Electronics and Communication
Engineering

Madan Mohan Malaviya University of Technology,
Deoria Road, Gorakhpur—273010 (UP), India

Registration

Participants are exempted from paying registration fee. They will be provided free fooding and lodging.

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(Formerly, Madan Mohan Malaviya Engineering College)

1- Name: _____

(In Block Letters)

2- Organization: _____

3- Highest Qualification: _____

4- Sex: _____

5- Mailing Address _____

E-mail _____

Contact No. _____

6- Accommodation Required: Yes/No

Date:

Place: Signature of Applicant

Head of the Institution

(Signature & Seal)