Organizing Committee

Patron

Prof. S.N. Singh
Hon'ble Vice Chancellor

Chairman

Major G. S. Tripathi
Associate Professor & Head, ECED

Coordinator(s)

Er. Rajan Mishra
Assistant Professor, ECED

&

Dr. Dharmendra Kumar
Assistant Professor, ECED

Committee Members

Dr. R. K. Chauhan, Professor
Dr. Brijesh Kumar, Associate Professor
Dr. Manish Kumar, Associate Professor
Mr. G. D. Bharti, Assistant Professor
Dr. Sudhanshu Verma, Assistant Professor
Mr. Anupam Sahu, Assistant Professor
Dr. B. P. Pandey, Assistant Professor

Contact Details

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http://www.mmmut.ac.in

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 which was established in 1962.

Fifty-Six 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 in the Gorakhpur - Deoria road about 9 Km away from Gorakhpur Railway Station. In addition to UG in Civil Engineering, Chemical Engineering, Computer Science & Engineering, Mechanical Engineering, Electrical Engineering and Electronics & Communication Engineering, University also offers MCA, MBA. MSc., M. Tech and Ph.D. programme.. in various specializations.

Short Term Course

On

Advanced Modeling of Microwave and Photonics Devices (AMMPD-2018)

(Sponsored by TEQIP III)

March 06- 12, 2018

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

The objective of this one week Short Term Course (STC) is to generate the platform for bringing out the challenges in the field of microwave and photonics devices. The recent microwave systems are required to meet the competing requirements of enhanced functionality, low loss, reduced size and weight and low cost for transmission and radiation of electromagnetic waves. It is important to notice that the several design objectives in modern efficient and miniaturized microwave systems are self conflicting. For instance, incorporation of multiband or broadband characteristics involves increase in physical size, which may have to be suitably optimized and implemented in handheld microwave and wireless communication systems.

Photonics system involves in the transmission, control and storage of data using photons. The unique characteristics of photonic devices create an additional dimension, energy saving and larger communication distances. The modeling of photonics devices has always been an on-line research area which undoubtedly helps the modern technology to move forward.

In view of above stated requirements, the main focus of this STC has been designed with the objective of imparting retrospective and prospective of device simulation with emphasis on the low-loss microwave & RF devices, filters, antennas and current Photonics Technology with the following aims:

- To aware the researchers and research minded people about the recent advancement in this area.
- To train the faculty and scholars to build more appropriate model in the field of microwave and photonics.
- To learn different techniques of modeling in appealing way.

Areas to be covered: Lectures and Invited talk on Microwave, Photonic and Optoelectronic Devices and extensive hands on training on AEDT (Ansys Electronics Desktop Tools), NS2, Optisystem/ COMSOL Multiphysics, MATLAB and so on.

The resource persons for the STC shall be the faculty of the Institute itself, eminent speakers from other IIT's / IIIT's / NIT's along with persons from the Industries and academia.

Applications are invited from interested researchers (Ph.D/M.Tech) and faculty members from academia, R&D laboratories, and industries for the participation in this STC on AMMPD-2018 in the prescribed registration form as indicated in this leaflet.

Registration Process

Participants can register for AMMPD-2018 by filling up the registration form. There is no registration fee. Please send the completed registration form (hard copy) to**: Er. Rajan Mishra or Dr. Dharmendra Kumar, Course Coordinator (AMMPD-2018), Department of Electronics & Communication Engineering, Madan Mohan Malaviya University of Technology, Gorakhpur-273010, (UP) INDIA.**

The scan copies of duly filled Registration Form can also be mailed in advance to: **rmece@mmmut.ac.in**
dkece@mmmut.ac.in

FIRST-COME-FIRST BASIS. SEATS LIMITED!

Important Dates:

Last date for application	**: February 25, 2018**
Intimation of selection	**: February 26, 2018**
Duration of STC	**: March 06-12, 2018**

Registration Form

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on
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1- Name _____
(In Block Letters)
2- Organization _____
3- Highest Qualification_____
4- Date of Birth _____ Sex_____
5- Mailing Address _____
_____
E-mail _____
Phone _____
6- Accommodation Required Yes/No

Date:

Place: Signature of Applicant

Head of the Institution
(Signature & Seal)