ABOUT MNIT JAIPUR

Malaviya National Institute of Technology Jaipur is one of the premier NITs designated with the status of "Institute of National Importance" by MHRD. Located in a central location in Jaipur city and spread over 325 acres of lush green area this institute was established in the year 1963 as a joint venture of the Government of India and Government of Rajasthan. The college was inspired by the great educationist and freedom fighter Pt. Madan Mohan Malaviya and thus named as Malaviya Regional Engineering College. The institute was upgraded to a National Institute of Technology and was declared deemed university on June 26, 2002. Since then, the Institute is offering B. Tech. (Bachelor of Technology) degree instead of B.E. (Bachelor of Engineering) degree. MREC now known as MNIT, aims to set higher standards of academics to become a world class institute.

The Institute offers eight undergraduate courses of study in Architecture, Chemical, Civil, Computer, Electrical, Electronics & Communication, Mechanical and Metallurgical & Materials Engineering, and postgraduate courses (M.Tech./M.B.A./M.Sc./Ph.D.) through its thirteen departments. The institute is actively engaged in research, consultancy and developmental activities besides regular teaching.

PATRON

Prof. Udaykumar R Yaragatti
Director, MNIT Jaipur

HOD

Prof. D. Boolchandani

COORDINATORS

Prof. K. K. Sharma
Dr. Tarun Varma
Dr. Ritu Sharma
Department of ECE

Dr. Santosh Chaudhary

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MALAVIYA NATIONAL INSTITUTE OF TECHNOLOGY JAIPUR

Short - Term Course

On

"Wireless Communication and Signal Processing Techniques"

May 20-24, 2019

Organised by

Department of Electronics and Communication Engineering
Malaviya National Institute of Technology Jaipur-302017

Sponsored by TEQIP -III

COURSE OVERVIEW

The proposed STC is conceived to discuss and provide an overview of the different facets of Signal Processing and Communications, and recent technical advancements in these areas to the participants. The course will cover current & emerging techniques in the field of signal processing and communication Technologies to ensure sustainable development of manpower in this evolving field. The proposed STC is multidisciplinary in nature involving various Engineering streams like Electronics and Communication, Electrical, Computer Science and Information Technology. The STC is to be conducted by experts from IITs/NITs and research organizations. The participants will be exposed to different aspects and analysis of various signal processing techniques and communication technologies in the areas of 5G Communication Technologies, Computer Networks, Optical Networks, Wireless Communication, Wireless Networks, Sensors, Mobile Communications and Antenna and Wave Propagation, Microwave Engineering. Appropriate open and research group discussions are also planned to discuss academic research issues along with the lab sessions.

COVERING TOPICS

The course will cover the followings:

- Introduction to wireless communication system, 5G system MIMO system.
- Understanding of Fractional Transform, Biomedical Image Processing, Image watermarking etc.
- Understanding of Optical and photonics Networks, Optical MEMS, Cognitive Radio etc.
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SPEAKERS

Eminent Speakers from IITs, NITs & other premier universities across India

REGISTRATION

Registration Fee

Faculty from Academic Institutes	Rs. 2,000/-
Students/ Research Scholars (Outside MNIT)	Rs. 2,000/-
Students/ Research Scholars (of MNIT)	Rs.1000/-
Delegates from Industries/ R&D Organizations	Rs 3,000/-

The fee should be submitted, along with the filled registration form through Bank Draft drawn in favour of **"Registrar, MNIT Jaipur"** payable at Jaipur or can deposit online:

Bank Name: - State Bank of India (SBI)
Account Name: - The Registrar MNIT, Jaipur (TEQIP Phase-III)
Current Account No: - 36875887782
IFSC Code: - SBIN0015921
Branch:- MNIT Campus, Jaipur
.**Last date of Registration**   April 30, 2019

Hard copy of complete registration form and DD must be sent to contact person by speed post and scanned copy should also be send by E-mail to
ece.stc19@gmail.com
Brochure is available on institute web site **www.mnit.ac.in**

GENERAL INFORMATION

Accommodation and travelling expenses are to be borne by the participants/ sponsoring agency. Limited accommodation on actual charges may be available at MNIT Guest House II/ Hostels. A request for this need is to be made in advance. The participant will not be paid any TA/DA. Working lunch will be provided by the organizers.

REGISTRATION FORM

Short-Term Course

on

"Wireless Communication and Signal Processing Techniques"
May 20-24, 2019

Name ………...…………………….………...
(In block letters)

Designation …………….....……………………...

Institution ………………………..…………….....

Academic Qualification ……………....……….....

Specialization ………………………....………....

Mailing Address ………...………...…………·
……………………………………………………
………………………………….......................

Phone (O, R, M) & Fax with STD code ……….…...
………………………………………...…...

E-mail ……………………………...…...……….....

Accommodation Required (Yes/No) …………….…

Gender (Female/Male) …………………………...

Details of Registration Fee-
DD No. ……………………… Date …………..…

Bank Name ……………………………………...…

Amount Rs ……………………………….……….…

Date …………….. Signature of Applicant

Signature of Sponsoring Authority with Seal