OBJECTIVES OF THE COURSE

- The short term course is covers the Introduction to MATLAB, Vectors and Matrices, Built in functions, M–files: script and functions, Introduction to Simulink and Lab Session.
- In-depth exposure to MATLAB programming.
- Main aspects of MATLAB Simulation.
- Solution of simple engineering problems using MATLAB and Simulink.
- Various analysis of Tool boxes with related hands-on practice.
- Exposure to Techniques for solution of Engineering and science.

COURSE CONTENTS

- MATLAB and its features
- Working with arrays of numbers
- Graph plots: Sine, cosine plots, decaying and growing functions, and overlay plots Programming
- Numerical problems using MATLAB programming
- Image Processing Using MATLAB
- Modeling and Simulation
- Simulink Tool Box
- Optimization Tool Box
- Fuzzy Logic Tool Box
- Neural network Tool Box
- Case Studies using MATLAB

WHO SHOULD ATTEND

This is a general course that can be attended by all UG/PG students, faculties and researchers.

RESOURCE PERSONS

The course content will be delivered from a pool of experts on the subject, Institute Faculty and other institutions of repute.

REGISTRATION FEES

A limited number of seats will be there on first-cum-first-serve basis.

Industry Participants: Rs. 5000/-

Faculty Members: Rs. 2000/-

Ph.D./UG/PG students: Rs. 1000/-

The fee should be submitted, along with the filled registration form through Bank Draft drawn in favour of "Registrar, MNIT Jaipur". Registration fee for the course includes Registration Kit, working lunches and Tea.

To confirm participation please send the scanned copy of the Demand Draft and Filled Registration Form to ymeena.cse@mnit.ac.in or submit in person to coordinators latest by 19th July 2017 positively.

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

Applications of MATLAB in Engineering

(July 20-24, 2017)

Name ……...…………………………………..

(In block letters)

Designation …………..………….…………...

Organization……...…………...…………….…..

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

Specialization ……………….…………....…….

Mailing Address ……...………………….…...

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Mobile……………………………………...……..

E-mail...…….………………………...…………..

Details of registration fee-

DD No. …………………. Date …………..

Bank Name …………………………….…...…..

Amount Rs ……………………….…………...

Date ………….

Signature of Applicant

Signature of Sponsoring Authority with seal

ABOUT MNIT

Malaviya National Institute of Technology (MNIT), Jaipur is one of the NITs established by Ministry of Human Resource Development, Government of India. The Institute, earlier known as MREC, was established in 1963 as a joint venture of the state and central Governments. Later in 2002, the college was given the status of National Institute of Technology and on August 15, 2007, proclaimed Institute of National Importance through Act of Parliament. MNIT campus spreads over 325 acres of lush green area in the prime location of Jaipur city. The Institute has completed its Golden Jubilee year 2012-13 and as apart of year-long celebrations of its 50 years of teaching and excellence, various academic activities were organized. At present, in addition to research, consultancy and developmental activities, the Institute offers UG and PG (M. Tech./M.Sc. & Ph.D.) level courses to about 5000 students in almost all leading fields of engineering, technology, management and sciences.

HOW TO REACH MNIT

Jaipur is well connected by road, rail and air services. MNIT is situated on Jawaharlal Nehru (JLN) Marg and is about 9 kms from Main-railway station as well as Central Bus Stand (Sindhi Camp) of Jaipur. Airport (located at Sanganer) is about 6 kms away from the institute.

PATRON

Prof. Udaykumar Yaragatti

(Director, MNIT, Jaipur)

CONVENER

Dr. Girdhari Singh

Dr. Dinesh Gopalani

COORDINATORS

Dr. Yogesh Kumar Meena

Dr. Sushant Upadhyaya

Dr. M. L. Meena

Dr. Mushtaq Ahmed

ADDRESS FOR CORRESPONDENCE

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announces

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July 20-24, 2017

Organized by:
Department of Computer Science & Engineering,
Malaviya National Institute of Technology
Jaipur-302017