

PROGRAM COORDINATORS

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Mechanical Engineering Department, MNIT- Jaipur

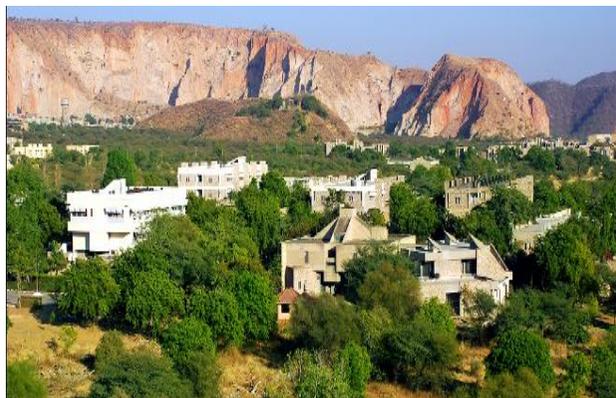
REGISTRATION FEES

Participants from Industry	: Rs. 8000/-
Institutional Participants / Faculty Members:	Rs. 5000/-
Students and Research Fellow	:Rs. 2000/-
Faculty of MNIT	: Rs. 2500/-
Students of MNIT	: Rs. 1000/-

SCOPE OF STTP

Data analysis is an integral part of academic and industrial world. It plays an important role in growth of the business organizations and progress of a nation. The nations which had invested in research have prospered more and provided higher standards of living to its citizens. In order to carry out research in an effective way, the engineers and scientists need to be trained in data analysis.

This programme gives participants a comprehensive understanding of planning and conducting scientific experiments for collecting data, and analyzing the data to have fruitful conclusions. The programme has been designed to be generic in nature for satisfying the needs of students and faculty pursuing their M. Tech and Ph.D.s from academic institutions and industry personnel carrying out research in any field. Lectures will be delivered on the basic principles of scientific research, identifying/defining research problem, design of experiments, data collection, and statistical tools for analyzing data. Hands on lab sessions on various software tools will also be conducted in the STTP.



Malaviya National Institute of Technology Jaipur is one of the NITs established in Jaipur known as Pink City. Institute was established as a joint venture of the Government of India and the Government of Rajasthan in 1963. MNIT campus spreads over 325 acres of lush green area in the central location of Jaipur city. At present the Institute offers undergraduate and post graduate courses (M.Tech./M.Sc. & Ph.D.) to about 4500 students in almost all leading fields of engineering, technology, management and sciences. The Institute has renowned faculty and labs with state of the art equipment. The institute is actively engaged in research, consultancy and developmental activities besides imparting regular teaching.

How to Reach MNIT

Jaipur is well connected by road, rail and air services. It is about 270 kms from Delhi. MNIT Jaipur is situated on Jawaharlal Lal Nehru Marg and is about 9 kms each from main railway station of Jaipur and from Central Bus Stand (Sindhi Camp). Airport (located at Sanganer) is about 5 kms away from the institute.

MALAVIYA NATIONAL INSTITUTE OF TECHNOLOGY JAIPUR

ANNOUNCES

Short Term Training Programme (STTP)

ON

Data Analysis for Engineers and Scientists



(October 8-12, 2018)

Sponsored by TEQIP-III

ABOUT MECHANICAL ENGG.DEPTT.

Mechanical engineering department started functioning in 1963 at the start of the institute. The department offers a four year course leading to the Bachelor's Degree in Mechanical Engineering. It also offers post graduate programs leading to M. Tech in Production Engineering, Industrial Engineering, Design Engineering and Energy engineering. Department also offers Ph. D programme in various specializations of the Mechanical Engineering. Department is equipped with state of the art labs to support the UG, PG and Research Programs. Department also offers Ph.D programme in various specializations of the Mechanical Engineering.

COURSE CONTENTS

- Role of data analysis in research
- Basics of statistics: Probability and Sampling distributions
- Hypothesis testing
- Analysis of Variance
- Correlation
- Regression
- Multi-variate analysis
- Basics of Design of Experiments
- Taguchi method
- Introduction to R

Regular hands on training is planned for integrating a statistical tool with problems

EXPERTS

The lectures will be delivered by a pool of experts on the subject from MNIT Jaipur and other reputed Institutes.

Who Should Attend?

Faculty of engineering, medical & management Institutions at Degree /Diploma levels, PG students, research scholars can benefit from this training programme. **It is mandatory that students must provide a copy of their identity card with registration form.**

IMPORTANT DATES

Last date of Registration with Fees: 5th Oct., 2018

ACCOMODATION

Guest rooms are available @Rs. 150 per day in institute hostel and food can be taken in hostel canteen by purchasing coupons (Rs. 30-50 per meal). Working lunch will be provided to all the participants. Limited accomodation in faculty geust is also available on first come first serve basis.

REGISTRATION FORM

A STTP on 'Data Analysis for Engineers and Scientists'

Full Name: _____

Designation: _____

Department: _____

Organisation: _____

Experience (in years) teaching: ____ Industry: ____

Address of Correspondence: _____

Pin Code: _____ Phone: _____

Mobile No.: _____ E.mail: _____

Registration Category: (Please Tick)

Participants from Industry

Students & Research Scholars (**attach proof**)

Institutional Participants / Faculty Members

Details of Registration Fee:

Name of Bank & Branch: _____

DD No.: _____ Dated: _____

For Rs. _____

(DD should be in favour of "Registrar, MNIT Jaipur" payable at Jaipur)

Date:

Signature of Participant

The applicant is hereby sponsored and will be permitted to attend the STTP.

Signature and stamp of the Sponsoring Authority

- Please post your completely filled registration form with ID proof (in case of student) to Dr. Gunjan Soni, Assistant Professor, Department of Mechanical Engineering, MNIT Jaipur, JLN Marg, Jaipur 302017. Email: gunjan1980@gmail.com, gsoni.mech@mnit.ac.in Mobile: 09549654559