

About MNIT Jaipur

Malaviya National Institute of Technology (MNIT), 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 (MREC). The institute was upgraded to a National Institute of Technology and was declared deemed university on June 26, 2002. Since then, the Institute started 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.

About Metallurgical & Materials Engg. Dept.

Department of Metallurgical and Materials engineering is one of the oldest Department established in 1965. The Department offers B.Tech, M.Tech and Ph.D. programmes in all frontier areas globally. The basic aim of Department is to provide quality education through its highly qualified and experienced faculty members. The faculty is continuously motivated to keep abreast with state-of-the-art technology. Alumni of this Department hold important position in academia, R&D organization and industries in India as well as International level. Student of this Department are certain to have bright career prospects in India as well as globally due to recent ambitions growth plans of ferrous and non ferrous sectors, and great quest for high-tech materials worldwide.

PATRON

Prof. Udaykumar R Yaragatti,
Director, MNIT-Jaipur

Conveners

Prof. Upender Pandel
Dr. Vishnu Kumar Sharma
Dr. Rajendra Kumar Duchaniya

Coordinators

Dr. Vijay N.N.
Dr. Ajaya Kumar Pradhan
Mr. Krishna Kumar
Dr. Sreekumar Vadakke

Contact Person

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Associate Professor

Department of Metallurgical & Materials
Engineering

Malaviya National Institute of Technology
J. L. N. Marg, Jaipur-302017

Phone: 0141-2713459, 9549654246

Self-financed Summer
Internship Program
under
TEQIP-III
on

Nanomaterials & Its Applications
(23 May –6 July, 2019)



Organized by

Deptt. Metallurgical & Materials Engineering
Malaviya National Institute of Technology
J. L. N. Marg, Jaipur-302017
Rajasthan-India

Objective of the Internship Programme

- The programme is designed to introduce the participants to emerging research and trends in the area of nanotechnology. This area has the potential to revolutionize techniques by which materials and product will be created in the future with new and superior properties and fundamentals.
- Providing in-depth knowledge of applications of nanomaterials in different fields of sciences and Engineering.

Course Content

- Basic Concept of Nanotechnology
- Nanocoatings
- Nano Composites
- Nanotechnology and Energy Conservation
- Polymeric Nanomaterials
- Nanoelectronics
- Characterization of nano materials
- Nanofluid preparation and property measurements
- Nanoparticle with phase change materials

Practical Aspects

- Hands on training on Synthesis of nanoparticles, nanocomposite, nanocoating and semiconductor Materials & FESEM, TEM, XRD, AFM, DSC, optical microscope and other characterization instruments for nanomaterials.

Resource Persons

- Faculty members from IITs, NITs, Universities & Industries.

Registration fee

Category	Fee* (INR)
UG student	10,000
PG/PhD student	10,000
Faculty	12,000
Participant from industry	15,000

* 18% GST shall also be included in addition to above fee while paying the fee.

Fee will be payable through Online Transaction/NEFT/IMPS to the account of "The Registrar MNIT, Jaipur (TEQIP Phase III)" of Account No. 36875887782, State Bank of India, MNIT Campus Jaipur. Duly filled application form in the prescribed format may be sent to the Coordinator so as to reach on or before 10th May 2019. The applicant may also send an advance scanned copy of the application form and transaction detail through E-mail. The selection is on first come first served basis depending upon the availability of the seats. Registration charges are non-refundable for selected participants. The participants will be intimated by May 15, 2019.

Brochure is available on institute web site <http://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

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Name
(In block letters)
Designation
Organization
Academic Qualification
Specialization
Mailing Address
.....
.....
Telephone No. (with STD code)
E-mail
Details of registration fee-
DD No. Date
Bank Name
Amount Rs
Date Signature of Applicant

Signature of Sponsoring Authority with seal