

## Registration Form

Name (block letter):

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Designation:

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Organization:

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Address:

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Contact No.:

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E-mail:

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Accommodation Required Yes/No

Details of Registration Fee:

DD/Cash:.....

Date: .....

Bank:.....

Amount:.....

(DD in favor of Registrar MNIT, Jaipur)

**Accommodation and traveling expenses are to be borne by the participants/sponsoring agency. Limited accommodation on actual charges may be available at MNITJ Guest House II/ Hostels.**

Date:

Signature

## Chief Patron

**Prof. Udaykumar R. Yaragatti**

(Director MNIT Jaipur)

## Chairperson

**Dr. Vijay Janyani**

(Professor & Head MRC)

## Conveners

**Dr. Kanupriya Sachdev**

(Professor Physics & MRC)

**Dr. Ragini Gupta**

(Adjunct Professor, MRC)

## Coordinators

**Dr. Madhu Agarwal**

(Associate Professor, Chem. Engg. Dept.)

**Dr. Amit Kumar Singh**

(Assistant Professor, MRC)

## Members

Dr. Anuj Zindal

Dr. Himmat Singh Kushwaha

Mitlesh Kumari (Student member)

Yachna Jain (Student member)

Neeru Sharma (Student member)

Saqib Khan

## Short Term Course

on

## **“Nanostructures- Nanoparticles & Thin Films:Synthesis and Characterization”**

(Sponsored by TEQIP-III)

**11<sup>th</sup>-15<sup>th</sup> February, 2019**



**Organized by**

**Materials Research Centre,  
Malaviya National Institute  
of Technology  
J.L.N. Marg. Jaipur– 302017  
Rajasthan-India  
<http://www.mnit.ac.in/>**

## Venue: Seminar Hall, Materials Research Centre

### About MNITJ

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. MNITJ campus spreads over 325 acres of lush green area in the prime location of Jaipur city. The institute offers various academic activities in addition to research, consultancy and development. 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.

### About Materials Research Centre

The Materials Research Centre aims to harness the talent resources of MNITJ for promoting interdisciplinary research in appropriate materials technologies. It has been created with an objective of providing a central facility of latest and advanced analytical instruments for research in the application areas of physical, environmental, chemical, allied and interdisciplinary sciences and Technology.

The Materials Research Centre provides access to a wide range of state-of-the-art equipment necessary for materials characterization and synthesis, such as Nuclear Magnetic Resonance, Transmission Electron Microscope, FE- Scanning Electron Microscope, Atomic Force Microscope, X-Ray Diffractometer, Mass Spectrometer, etc.

The Centre also offers Ph.D. programme and an interdisciplinary Masters Programme in Masters Programme in Materials Science and Engineering.

### Course Content

- Methods of Synthesis of Nanostructures
  - Physical deposition Method
  - Chemical deposition Method
  - Mechanical deposition Method
  - Chemical Method for Nanoparticles Synthesis
- Post Synthesis Processing
- Properties of nanomaterials- Impact of size, shape, physical forces & physical Laws
- Characterization of nanomaterials
- Applications

### Registration Fees

- ❖ Research Scholars & Students (MNITJ): 500/-

- ❖ Research Scholars & Students (other than MNITJ): 1000/-
- ❖ Faculty (MNITJ): 1500/-
- ❖ Faculty (other than MNITJ): 2000/-

### Resource Persons

#### **Dr. Madhuri Sharon**

Managing Director, S.P.De Garbage  
Managing Director, Monad Nanotech Pvt. Ltd.  
Professor Emeritus & Adjunct Professor,  
University of Mumbai

#### **Dr. Michael Newman-Spallart**

Department of Inorganic Technology,  
University of Chemistry & Technology  
Prague, Czech Republic

### Contact Persons/mail id

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