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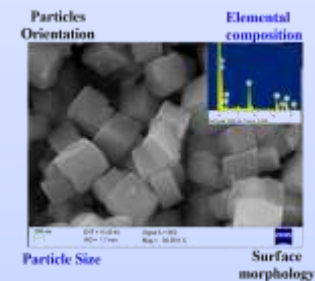


Dr Sumit Sonkar
Coordinator
MNIT Jaipur



Dr Pradeep Kumar
Coordinator
MNIT Jaipur

Online Short Term Course on Nanomaterials for Environmental Applications: Characterization by Analytical Tools (November 17-21, 2020)



TEQIP-III (MNITJ) Sponsored



Jointly Organized by
Department of Chemistry
Malaviya National Institute of Technology
Jaipur – 302017, Jaipur

www.mnit.ac.in

&

Department of Chemistry
Dr B R Ambedkar NIT Jalandhar, Punjab

www.nitj.ac.in

ABOUT MNIT JAIPUR

Malaviya National Institute of Technology (MNIT) Jaipur is one of the NITs established by Ministry of Human Resource Development (MHRD), Government of India (GOI). Earlier, the Institute, known as MREC Jaipur, was established in 1963 as a joint venture of the GOI and the Government of Rajasthan. Later in 2002, the college was given the status of National Institute of Technology, and on 15 August 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. At present, in addition to the research, consultancy and developmental activities, the Institute offers UG and PG level courses (M. Tech./M.Sc. & Ph.D.) to about 5000 students in almost all leading fields of engineering, technology, management and sciences. MNIT Jaipur ranked at 35th position in NIRF-2020 Ranking.

About NIT Jalandhar

Dr B R Ambedkar National Institute of Technology was established in the year 1987 as Regional Engineering College and was given the status of National Institute of Technology (Deemed University) by the Government of India on October 17, 2002 under the aegis of Ministry of Human Resource Development, New Delhi. The Ministry of Human Resource Development, GOI has declared the Institute as 'Institute of National Importance' under the act of Parliament-2007. A large number of reputed Industrial houses in the country visit the Institute and select the final year students as Engineers/ Management Trainees and the Scientists. As one of the NITs, the Institute has the responsibility of providing high quality

education in Engineering, Technology and Sciences to produce competent Technical and Scientific manpower. The Institute offers B Tech, M Tech, M Sc, MBA and Ph D programs in several disciplines of Engineering, Science & Technology, and Management.

GENERAL INFORMATION

The Resource Persons for the course will be highly experienced faculty members from IITs, NITs, CSIR Labs and Industry.

Students and faculty members from government and private organizations with post graduate degree are eligible to attend the course. The programme is of interdisciplinary nature.

Registration Link:

<https://forms.gle/ikcYNYECBK6TryG8>

Registration Fees:

The participation fee including GST is mentioned below.

1. MNIT Students (UG/PG/PhD): Rs.118/-
2. MNIT Faculties:236/-
3. Other Institute Faculties & Student (UG/PG/PhD): Rs. 236/-
4. People from Industry: Rs. 590/-

Paymentmode: NEFT/IMPS

Account Details: Registrar, MNIT Jaipur (TEQIPIII)

A/C No. 36875887782, SBI, MNIT Campus Jaipur, IFSC Code: SBIN0015921

E-certificates will be provided to registered participants

OBJECTIVE OF THE COURSE

The objective of this course is to share knowledge about the various types of nanomaterials such as engineered, functionalized and doped with their characterizations using various analytical tools like electron microscopy (FESEM, TEM), spectroscopy (XPS, PES and AES), diffraction techniques (PXRD, single crystal), physical and chemisorption techniques. This course will also relate use of nanomaterials in environmental remediation. Various tools employed for wastewater treatment using nanomaterials will also be discussed comprehensively. Various chromatographic and spectrometric techniques with their working and interpretation of data obtained from such techniques will also be discussed in this unique short term course by eminent scientists, academician and industrial experts.

IMPORTANT DATES

Last Date of Registration: November 12, 2020

CONTACT PERSON

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