



METMASS

Industry Interaction Day

Symposium on Mechanical Testing at Small Length Scale

Department of Metallurgical and
Materials Engineering, MNIT Jaipur

17th January 2021 (Time: 10-11:30 am)



Patron



Udaykumar R Yaragatti
Director, MNIT Jaipur

Chairman



Rajendra Kumar Goyal
Professor and Head
Metallurgical and Materials Engineering
MNIT Jaipur

Conveners



Abhishek Tripathi
Assistant Professor
Metallurgical and Materials Engineering
MNIT Jaipur



Swati Sharma
Assistant Professor
Metallurgical and Materials Engineering
MNIT Jaipur

MNIT Jaipur is currently ranked 35th among Indian engineering colleges by National Institute Ranking Framework (NIRF) in 2020. Department of Metallurgical and Materials Engineering is one of the oldest departments established in 1965. The department offers BTech, MTech and PhD programmes in all frontier areas. Both BTech and MTech programmes of the department are NBA accredited. The basic motto of the department is to provide quality education and conduct cutting edge research through highly qualified and experienced faculty members. The department publishes good quality research papers in peer reviewed National/International Journals.

Objective of the Symposium: Studying the mechanical response of materials at the nanoscale has received much attention in recent years. These studies have been motivated by the development of new nanostructured materials and continued miniaturization of engineering and electronic components, thin film technology and surface coatings. Today, **Nanoindentation** is simple and yet powerful technique to study mechanical properties at small scale volume. Research community from both academia and industry is encouraged to participate.

Speaker: Dr. Syed Asif, is currently the Managing Director of Industron Nanotechnology Pvt Ltd. He has over 30 years of experience in designing and developing Nanomechanical Testing Instruments. Before Industron, he was Director R&D at Bruker Nano Surfaces. He has completed is PhD from Oxford University, Material Science and hold Masters and Bachelors from Indian Institute of Science, Bangalore.

Schedule:

10:00 am to 10:10 am:

Welcome Remarks: HOD, Metallurgical and Materials Engineering, MNIT Jaipur

10:10 am to 11:10 am:

Invited talk: Dr. Syed Asif, R&D Director, Industron Nanotechnology Pvt Ltd: Nanomechanical Testing: Theory & Applications (50 mins talk +10 mins Q&A)

11:10 am to 11:30 am:

Demonstration: Instrumentation for Research & Education

Speaker



Dr. Syed Asif
Managing Director
Industron Nanotechnology Pvt
Ltd.

Venue: Google meet link will be shared later

Registration link:

<https://forms.gle/mnAeX922W8nw4FaB7>

Last date of registration:

16th January 2021, 5:00 PM

- No registration fees
- All MNIT faculty/research scholars/students are welcome to attend

Queries related to the symposium may be made to:

Dr. Abhishek Tripathi
email: abhishek.meta@mnit.ac.in

Queries related to registration may be made to

Yatharth Trivedi
(President METMASS)
Bhavya Verma
(Gen. Sec. METMASS)
email: 2018umt1746@mnit.ac.in