

Online Short Term Course
on
Materials Processing and Characterization
(Self-Financed)
(Date: 05 – 09 August, 2022)



Department of Metallurgical and Materials Engineering
Malaviya National Institute of Technology Jaipur
J.L.N. Marg, Jaipur – 302017
Rajasthan, India
<http://www.mnit.ac.in/>

Free Registration

Link to Register: <https://forms.gle/VxC1PKVsp8qs6Fk77>

Patron

Prof. Narayana Prasad Padhy
Director, MNIT Jaipur

Chairman

Prof. Upender Pandel
Head, Department of Metallurgical & Materials Engineering,
MNIT Jaipur

Conveners

- **Dr. Vijay Navaratna Nadakuduru**
- **Dr. Ajaya Kumar Pradhan**
- **Dr. Krishna Kumar**
- **Dr. Manjesh Kumar Mishra**

Coordinators

- **Dr. Brij Mohan Mundotiya**
- **Dr. Randhir Kumar Singh**

About MNIT Jaipur

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 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. MNIT 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. MNIT Jaipur ranked at 37th position in NIRF 2021 ranking.

About the Department

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 UG and PG programmes of the department are NBA accredited. The basic motto of the department is to provide quality education through highly qualified and experienced faculty members. The department has received total sponsored funding of Rs. 550 lakhs during 2015-2022. Department received a funding of Rs. 141 lakhs under FIST-2021 from DST.

Intended Participants

This STC will be useful to undergraduate, postgraduate, research scholars and faculty members.

About Short Term Course (STC)

Material processing plays an important role in the manufacturing industry that transforms materials into finished products. It involves a series of operations that processes a starting raw material through a number of steps into a shape of desired dimension and finish. The short term course will give an insight from various processing techniques, related characterization and their usage to produce final products to be used in several applications.

The course will be helpful to all the intended participants, as it covers the fundamental aspects and also the recent trends in materials processing.

Course Content

- **Metal forming**
- **Metal Joining**
- **Powder Processing**
- **Metal Casting**
- **Characterization of Materials**

Resource Persons

Experts from IITs, NITs and other reputed institutes will be delivering the lectures

Procedure to Register

- No Fee for Registration
- Click on the link to register:- <https://forms.gle/VxC1PKVsp8qs6Fk77>
Online Platform: - Google Meet

Contact Person

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