

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 part of 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 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 Engineering Department

Department of Metallurgical and Materials Engineering is one of the oldest departments established in 1965. The department offers B.Tech, M.Tech and Ph.D programmes in all frontiers areas of engineering. The basic motto of department is to provide quality technical 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 organizations and industries in India as well as at international level. Students of this department are certain to have bright career prospects across the globe due to recent ambitious growth plans of ferrous and non-ferrous sectors, and great quest for high-tech materials worldwide.

PATRON

Prof. Udaykumar R. Yaragatti

Director, MNIT Jaipur

Coordinator

Prof. A. K. Bhargava

Co-coordinator

Dr. R. K. Duchaniya

Contact Person

Prof. A. K. Bhargava

Department of Metallurgical & Materials Engineering

Malaviya National Institute of Technology

J. L. N. Marg, Jaipur-302017

Phone: 0141-2713235

Mobile:9549654243

Email : akbhargava.meta@mnit.ac.in

MALAVIYA NATIONAL INSTITUTE OF TECHNOLOGY JAIPUR

Two-day Training Program
on

Basic Metallurgy
(28-29, January, 2017)



Organized by

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

About Training Program

The aim of this training program is to provide the basic knowledge of metallurgy and microstructure-properties of industrially important alloys to industrial personals, students and faculty of non-metallurgy to enhance the basic skills in this field of metallurgical engineering. This training course provides the in-depth practical knowledge of metallurgical phenomena.

Course Content

- Fe-Fe carbide phase diagram
- Classification of steels
- Effect of alloying elements in steel
- Important heat treatment of steels
- Case hardening processes
- Some important steels: low carbon steels, stainless steels, tool steels, low alloy steels
- Important cast irons
- Copper and its alloys
- Aluminum and its alloys of industrial importance
- Plating and coating thickness measurement

Resource Persons

Faculty members from Malaviya National Institute of Technology Jaipur

Registration

The course registration fee is Rs 1000/- for outside MNIT Jaipur students, Rs. 500/- for students from MNIT Jaipur, Rs.1500/- for faculty and Rs 5000/- for delegates from industries. The fee should be submitted, along with the filled registration form through Bank Draft drawn in favour of “**Registrar, MNIT Jaipur**”.

Last date of Registration: Jan.21, 2017.

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 to be made in advance. The participants will not be paid any TA/DA. Working lunch will be provided by the organizers.

Registration Form

Two-day Training Programme
On

Basic Metallurgy

(28-29, January, 2017)

Name
(In block letters)

Designation

Organization

Academic Qualification

Specialization

Mailing Address

.....

.....

Telephone No. (with STD code)

E-mail

Accommodation required Yes/No

Details of registration fee-

DD No. Date

Bank Name

Amount Rs

Date Signature of Applicant

Signature of Sponsoring Authority with seal