

Registration Form

Name (block letter):

Designation:

Organization:

Address:

Contact No.:

E-mail:

Accommodation Required: Yes/No

Please send the scanned copy of the same on asingh.mech@mnit.ac.in.

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. The participant will not be paid any TA/DA. The organizers will provide working lunch.

Date:

Signature

Chief Patron

Prof. Udaykumar R. Yaragatti

(Director MNIT Jaipur)

Coordinators

Prof. Rajesh Kumar

(Professor, Electrical Engineering)

Dr. Amit Kumar Singh

(Assistant Prof., Mechanical Engg.)

Dr. Gunjan Soni

(Assistant Prof., Mechanical Engg.)

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 is to be made in advance. The participant will not be paid any TA/DA. The organizers will provide working lunch.

Registration information

Please fill your details in the following link for registration in the course.
https://docs.google.com/forms/d/1Fm84wzrBfnODTXLBq_QTFm5n7CP4TtTpaZ8AQdUhJEQ/edit?ts=5c7103ef

AICTE Sponsored 5 days Training Programme

On

“3D Printing”

25th-29th March, 2019



Organized by

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

Venue: Seminar Hall Mechanical Engineering Department

About Course

The popularity and awareness of 3D Printing is exploding. It is breaking down barriers in design and manufacturing, and making what was previously impossible, possible for anyone with just a basic understanding of the technology.

This training program gives the basic understanding by putting some 3D printers into action. Participants will gain exposure to the main facets of 3D Printing including 3D Scanning, 3D Modelling, preparing the file for print, and finally, 3D Printing.

Who Should Attend?

Designers, Engineers, Technologists, Entrepreneurs and Hobbyists: this course will be suitable for both novices and those more experienced with technology. Anyone with an interest in 3D printing and wants to learn should come along!

About MNIT Jaipur

The college was established in 1963 with the name as **Malaviya Regional Engineering College, Jaipur** as a joint venture of the Government of India and the Government of Rajasthan, Subsequently; on June 26, 2002 the college has been given the status of National Institute of Technology and on 15 August 2007, Proclaimed Institute of National Importance through Act of Parliament. The Institute is fully funded by Ministry of Human Resource Development (MHRD), Government of India. More than 12,000 students have already been graduated since its establishment

Course Content

- ❖ Learn about the materials, designing of CAD models, working of a 3D Printer
- ❖ Introduction to different types of 3D Printers
- ❖ Understand how to build and calibrate a 3D printer
- ❖ Understand the basics of G code generation
- ❖ Introduction to RepRap Arduino electronic controller
- ❖ Algorithms used in design
- ❖ Design of Assembly (Spur gear, Helical screw, simple design)
- ❖ Demonstration of 3D Printer assembly
- ❖ Demonstration of 3D Printing
- ❖ The participants will get 3D printed models that they design

Registration

Registration is open to Faculty/ PhD & PG scholars from all branches of Engineering. Participants will be admitted on first-come first-served basis. (Limited Seats Only)

To confirm participation please send the scanned copy of the Filled Registration Form to asingh.mech@mnit.ac.in or submit in person to coordinators latest by

20th March 2019 positively.

Resource Person

Prof. P.N. Rao

Professor, Mechanical Engg Dept
University of Northern Iowa, USA

Prof. P.V.M Rao

Professor, Mechanical Engg Dept
IIT Delhi

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Associate Professor
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