



For
Any Query
Contact to the Course Coordinators

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For Further Details
Visit: www.nitsri.ac.in

About NIT SRINAGAR

National Institute of Technology, Srinagar was established in 1960 as the Regional Engineering College, Srinagar. The Institute acquired the status of NIT in August, 2003 and attained full autonomy in its Academics. In 2007, it became an Institute of National Importance. It is one of the 31 NITs and it is directly under the control of the MHRD. The Institute is situated at the banks of world-famous Dal Lake. Besides running various undergraduate, post graduate and doctoral programmes, Institute has also established an Innovation Incubation and Entrepreneurship Development (IIED) centre.

ORGANIZING COMMITTEE

Patron

Prof. Rakesh Sehgal
Director, NIT Srinagar

Co-Patron

Prof. M. F. Wani
Coordinator TEQIP, NIT Srinagar

Chariman

Prof. Babar Ahmad
Head, Mechanical Engg. Dept.

Convenor(s)

Dr. Abhijit Dey
Assistant Professor, MED

Dr. Mukund Dutt Sharma
Assistant Professor, MED

Coordinator(s)

Dr. Mohammad Mohsin Khan
Assistant Professor, MED

Dr. Harveer Singh Pali
Assistant Professor, MED

How to Apply?

Step-I: The Participants must make the prescribed payment by (NEFT/IMPS) to the below mentioned account and keep the screenshot of their payment for further clarification.

A/c Name : TEQIP-III

A/c No. : 0391040100011025

Bank Name : J & K Bank

IFSC Code : JAKA0RECSGR (0 = Zero)

Step-II: The participant need to register online by visiting <https://forms.gle/dQhAReGukReW7p9F9>. The screenshot of the payment should be uploaded while filling the form.

Registration Fee

Students/Research Scholars	: Rs 100/-
Faculty Members /Scientists	: Rs 200/-
Industry Persons	: Rs 500/-

No registration Fee for the Internal Candidates

TEQIP-3 Sponsored

One Week Online Short Term Course

On

Additive Manufacturing
From 3D Printing to the Factory Floor
(31st August- 4th September 2020)



Organized by
Department of Mechanical Engineering
National Institute of Technology
Srinagar (J &K)

Course Highlights

Seats are limited and the selection will be done on first-cum-first-serve basis

E-Certificate will be provided to the Registered Participants

Venue Platform: Google Meet
Meeting Links will be shared through registered gmail IDs.

Timings:

Forenoon: 10:00 a.m. - 1:00 p.m.
Afternoon: 2:00 - 5:00 pm

Last Date of Registration: 30th August 2020

RESOURCE PERSONS

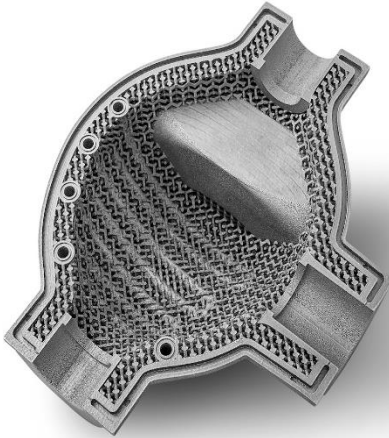
Resource Persons for the course will be highly experienced faculty members from reputed institute like IITs, NITs and Central Universities.

WHO SHOULD ATTEND

This course will be useful to:

- Design Engineers
- Manufacturing Engineers
- Research engineers
- Research scientists

from industries such as aerospace, automotive, medical devices, electronics, consumer products, energy, and robotics.



About The Course

An intensive online short-term course on Additive Manufacturing: From 3D Printing to the Factory Floor will be offered by the Department of Mechanical Engineering, National Institute of Technology, Srinagar. It is sponsored by Technical Education Quality Improvement Programme. The course is designed to cater the needs of teachers, scientists from R & D houses and Labs, and practicing engineers from industries. This programme will be specifically useful for persons who are concerned with training/teaching, research, and industrial applications of additive manufacturing.

Program Objective

The primary objective of the present course is to acquaint the participants with the concept of AM, various AM technologies, materials science aspect for AM, modelling of AM processes, and their applications in various fields. Towards modelling in AM, relevant case studies have been included to expose the participants to the mathematical models for AM to describe the transport phenomena such as heat/mass transfer and fluid flow. The course will also cover AM process plan including building strategies and post-processing.

Program Content

- Introduction to Additive Manufacturing.
- Emerging Trends in Additive Manufacturing Process.
- Applications of Additive Manufacturing
- Integration of Additive Manufacturing and electronics.
- AM of biomaterials and tissues
- Future trends and implications of additive manufacturing

ABOUT MECHANICAL ENGINEERING. DEPT.

The Department of Mechanical Engineering has evolved into one of the finest in terms of teaching curriculum and methodology supported by a well-organised and adequately funded research program. The Department has a very well-established B. Tech program complemented by two M. Tech. programs in Mechanical System Design and Industrial Tribology and Maintenance Management. The department is, perhaps, the most versatile in terms of the range of specializations of its faculty members and a well experienced support staff.

DEPARTMENT VISION

To nurture mechanical engineers with passion for professional excellence, ready to take global challenges and to serve the society with high human values.

DEPARTMENT MISSION

To provide facilities and infrastructure for academic excellence in the field of mechanical engineering.

To inculcate in the student the passion for understanding professionalism, ethics, safety, sustainability and then actively contribute in the society.

To nurture creativity and encourage innovative solutions to real life challenging problems in mechanical engineering students.

To prepare student for lifelong learning in global perspective.



Scan to Apply Online



Organized by
Department of Mechanical Engineering
National Institute of Technology Srinagar
Hazratbal Srinagar-190006, Jammu & Kashmir

