

ABOUT THE INSTITUTE

The National Institute of Technology Jamshedpur (NIT Jamshedpur) is an Institute of National Importance located at Jamshedpur, Jharkhand, India. Established as a Regional Institute of Technology in 1960, it was upgraded to NIT on 27th December 2002 with the status as Deemed University. It is the third in the chain of 8 NITs established as a part of the Second Five Year Plan (1956-61) by the Government of India and is directly under the control of MHRD.

ABOUT DEPARTMENT OF MANUFACTURING ENGINEERING

Manufacturing Engineering department was started since 1988 with the name of Production Engineering & Management Department. The name of the department has been changed to Production & Industrial Engineering with effect from 2007 batch because this name is more popular and market/industry oriented. Again the name is changed to Manufacturing Engineering Department in 2013. The Department developed different laboratories like CAD/CAM Lab., Welding lab., Foundry lab. and Robotics lab. Development of two other labs. namely Industrial Engineering & Ergonomics lab. and Non-traditional Manufacturing lab. is in process. Time to time curricula/syllabus was upgraded as per the market and technology requirement. The Department is running Ph.D. Programme. The Department is also running one M. Tech course as Manufacturing Systems Engineering and other is proposed to be started.

INTENDED ATTENDEE

This workshop is mainly suitable for students and faculties of Engineering background. This workshop is primarily targeted at students who wish to discover the new technology. This workshop will provide college students a base to robotics & Embedded System. to focus on

ORGANIZING COMMITTEE

Patron

Prof. Karunesh Kumar Shukla
Director,
NIT, Jamshedpur

Chairperson

Dr. S. B. Prasad
HOD, Manufacturing Department
NIT Jamshedpur

Convenor and coordinator

Dr. Mayuri Baruah,

Coordinators

Dr. Raj Ballav
Dr. Ashish Das

Advisory Committee

Prof. Amaresh Kumar, Manuf. Engg. Deptt.
Prof. A.M. Tigga, Manuf. Engg. Deptt.
Prof. Mani Kant Paswan, HOD, MED
Prof. Prabha Chand, MED

Contact Details

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Student Coordinators

Mr. Nehem Tudu	(8137061940)
Mr. Mukesh Kumar	(8765940403)
Mr. Saurabh Tripathy	(8375844092)
Mr. Surendra Lader	(7000273576)

How to reach NIT Jamshedpur

NIT Jamshedpur is well connected by Rail and Bus and it is about 12 km from Tatanagar Railway Station.

**Venue: Computer Center
NIT Jamshedpur
Jharkhand-831014**



TEQIP III

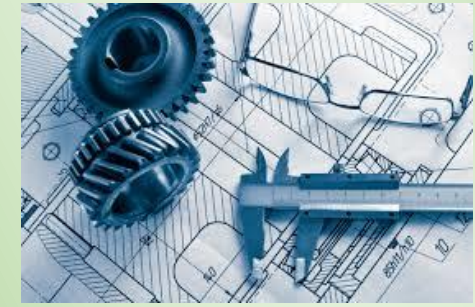
Sponsored
**Six Days Workshop
On**

**Materials, Manufacturing and
Modeling**

-Advances and Constraints

(MMMMAC-2019)

20th-25th May, 2019



Organized by



**Department of Manufacturing Engineering
National Institute of Technology Jamshedpur
Jamshedpur- 831014
Jharkhand, INDIA**

ABOUT THE EVENT

TEQIP III sponsored Six days workshop on “Materials, Manufacturing and Modeling-Advances and Constraints” (MMMAC 2019), is going to be organized by the Department of Manufacturing Engineering at National Institute of Technology (NIT) Jamshedpur. The objective of the course is to provide a platform to the students and faculties from academic institutions knowledge and training on some recent advances in manufacturing-both from numerical and experimental perspective. This will aid to promote research activities in the specified areas. This will include not only dissemination of theoretical understanding but also practical demonstration and hands on training on the software. Eminent experts from premium institutes will deliver lectures on topics of specified areas. The training course is divided into lectures, demonstrations and workshops. **Hands on training will be provided on CAE, design software and on additive manufacturing.** Basically this workshop is divided in two parts:

- Part one will help understand the importance and applications numerical modeling of the processes. To throw some light on the basics and fundamental applications of welding, surface engineering, and additive manufacturing.
- Second part will cover some hands on training on advanced techniques and lab visits.

Thrust areas of the workshop include

- Welding and joining
- Rapid Prototyping
- Surface coating
- Finite Element Modeling
- Numerical modeling/Simulation
- CAE Software

Experts on the dice

Prof. Uday Shankar Dixit

Professor Mechanical Engg. Dept.
IIT Guwahati

Dr. Swarup Bag

Associate Prof. Mechanical Engg. Dept.
IIT Guwahati

Prof. Mukul Shukla

Professor Mechanical Engg. Dept.
MNNIT Allahabad

Dr. C.P. Paul

Head, Laser Additive Manufacturing Laboratory
RRCAT Indore

Dr. Suman Mishra

Scientist F & Head Corrosion & Surface
Engineering(CSE)Div
National Metallurgical Laboratory

Dr. Kanwer Singh Arora

Principal Researcher, Tata Steel Limited, Jamshedpur

REGISTRATION DETAILS (Maximum 50 participants)

The participants have to pay a registration fees:

For faculty (other colleges): Rs. 2000

For internal students (PG/PhD) : 1000

For external students (PG/PhD) : 1500

For UG students : 1000

Registration Link:

<https://goo.gl/forms/kwe9Q66gc8yyAu032>

Mode of Payment

Internet Banking/Demand draft. Spot registration is also admissible after prior approval from the organizers.

Bank Name (Branch): State Bank of India, NIT Jamshedpur

IFSC Code: SBIN0001882

Account Name: NIT Jamshedpur

Account Number: 33117999641

Registration google Form or the scanned copy of the registration slip along with the payment details should be send to mmmac2019nitjsr@gmail.com latest by 10th May, 2019. A fee includes registration kit, accommodation and working lunch with tea during the workshop. No TA/DA will be paid to the participant. For further query, please contact coordinators.

Workshop on Materials, Manufacturing and Modeling --Advances and Constraints (MMMAC 2019) May, 20th – 25th, 2019

Registration Form

Name:

Designation:

Organization

Mobile No:

Email id:

College Name:

Accommodation required (Tick): YES/NO

Details of fees:

Amount in Rs.....

Transaction ID (in case of online transfer).....

Date of Transaction.....

(Please enclose transaction slip) Sponsored

by.....

Name.....

Designation.....

Organization.....

Signature of Applicants

Recommendation

Head of Department/ Institute with seal