

About The Institute

National Institute of Technology Sikkim (NIT Sikkim), an institute of national importance, is one of the ten newly sanctioned NIT(s) by the Government of India in 2009. The institute is offering B. Tech. programs in Computer Science and Engineering, Electronics and Communication Engineering, Electrical and Electronics Engineering, Mechanical Engineering and Civil Engineering, and M. Tech. programs in Computer Science and Engineering, Microelectronics & VLSI Design and Electrical and Electronics Engineering. The Institute also offers M.Sc. program in Chemistry and Ph.D. programs in all Departments.

The Mechanical Engineering Department of NIT Sikkim started its journey in 2014. Since its inception, the department has produced globally competent Mechanical Engineers capable of contributing the society through innovation and working in multidisciplinary fields. The Department aims to conduct innovative research and to provide world-class education that instils the professional, technical, critical-thinking and communication skills necessary to make impactful contributions to society. The department aims to provide the students with a perfect blend of intellectual and practical experiences that helps them to serve our society and address a variety of needs and good human beings.

About the Workshop

The proposed online workshop is aimed at creating an effective forum for exchanges of innovative ideas and research works in the contemporary issues in Design and Manufacturing as well as their upcoming advancement. Eminent Speakers from the field of Academia and Industry will be delivering their lectures on the thematic areas of the workshop. Following are the themes of the workshop, but not limited to:

- Dynamic Balancing and Optimization of Mechanisms, Multibody Dynamics
- Synthesis and Analysis of Mechanism
- Vibration, FEM
- Tribology, Materials Tribology, Bearing Tribology
- Surface Treatment & Coatings, Wear Modelling
- Machine Design , Mathematical modelling
- Contact Mechanics
- Advancement in Additive Manufacturing
- Hybrid Manufacturing Processes and Technology
- Modelling and Simulation in Manufacturing
- Non-traditional Machining
- Supply Chain Management, Reliability Management, Materials and Sustainability

And many more



Five Days Online Workshop

on

Contemporary Issues
in
Design and Manufacturing
(CIDM 2021)

15 -19 March 2021



TEQIP-3
Technical Education Quality Improvement Programme

Organized by

Department of Mechanical
Engineering

National Institute of Technology
Sikkim

Ravangla-737139, Sikkim
Website: www.nitsikkim.ac.in

Under the Aegis of
TEQIP-III, NPIU
MoE, Govt. of India

Registration

- Registration will be considered on First cum First serve basis.
- There will be no registration fee.
- **Click here for registration**
<https://forms.gle/NaLjvHRjaXy5rYrW9>
- Last date of registration is 13th March 2021

Certificate

E-certificate will be provided after conforming the attendance criteria.

Contact Persons

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Organizing Committee

Patron

Prof. Mahesh Chandra Govil
Director, NIT Sikkim

Convener

Dr. Shambhunath Barman
HOD, Mechanical Engineering, NIT Sikkim

Coordinator

Dr. Ranjan Basak
*Dean Academic & Coordinator TEQIP-III,
NIT Sikkim*

Co-Coordination

Dr. Shitendu Some, NIT Sikkim
Dr. Dipayan Das, NIT Sikkim

Members

Dr. Pradip Mondal, NIT Sikkim
Dr. Debajit Saha, NIT Sikkim
Dr. Bibhuti Bhusan Nayak, NIT Sikkim
Dr. Kirti Tewari, NIT Sikkim
Mr. Susanta Kumar Pradhan, NIT Sikkim
Mr. Pratik Shaw, NIT Sikkim
Mr. Manohar Kumar, NIT Sikkim
Mr. Ayan Pramanick, NIT Sikkim
Mr. Amit Maity, NIT Sikkim

Resource Persons

- **Prof. Rakesh Sehgal**
Director, NIT Srinagar
- **Prof. Goutam Sutradhar**
Director, NIT Manipur
- **Prof. Karunesh Kumar Shukla**
Director, NIT Jamshedpur
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- **Prof. Himanshu Chaudhary**
MNIT Jaipur
- **Prof. Debasis Datta**
IEST Shibpur
- **Dr. Arijit Bhattacharya**
Norwich Business School, University of East Anglia
- **Prof. Amitava Ray**
Principal, JGEC
- **Mr. Arun Kumar Goyal**
Consultant-Lean Manufacturing

Other Eminent Speakers from IITs, NITs and other Institute of repute will also be sharing their knowledge as per the theme of the workshop.

Participants

Participants will be selected among faculty members, PhD scholars, PG & UG students, researchers and practicing engineers from Academia and Industry, Government and AICTE approved Non-Government Organizations.

Mode

The workshop will be organized through online platform. The joining link will be shared with the participants, well in advance.