

About the NITS

National Institute of Technology, Silchar is one of the 31 National Institutes of Technology of India and was established in 1967 as a Regional Engineering College in Assam. In 2002, it was upgraded to the status of National Institute of Technology and was declared as Institute of National Importance under the National Institutes of Technology Act, 2007. NIT Silchar is a fully residential campus situated on the banks of river Barak and on a sprawling campus spread over 625 acres of land surrounded by scenic tea gardens on the outskirts of Silchar. NIT Silchar has reached to 46th position in NIRF 2020 ranking.

About the Department

The Department of Mechanical Engineering is one of the oldest and finest Departments in the region. The workshops of the Department contain highly sophisticated machines presenting a unique and unparalleled quality. The Department offers a four year B. Tech programme in Mechanical Engineering, and a two year M. Tech programme in Thermal engineering, Design and Manufacturing, CAD-CAM and Automation, Material and Manufacturing Technology, and PhD programme in related research topics.

About the Course

The workshop on “How to define Research Problems and Solving Methods in Sustainable Design, Manufacturing and Energy Engineering” is scheduled to be held during 24th 28th August 2020. Experienced experts from IITs, NITs, CSIR labs and reputed universities are invited online to deliver their talks. This course will open up several new paths of research and applications, in the area of tribology engineering, for PG, Ph.D. scholars and industry personals from engineering sector.

Course Objective

This five day short term course provides participants with an introduction to current problems in the field of Sustainable Design, Manufacturing and Energy engineering and their feasible solution to solve these problems efficiently.

Resource Persons

- ❖ Prof. P.M. Pathak, Professor, IIT Roorkee
- ❖ Prof. A.K. Samantray, Professor, IIT Kharagpur
- ❖ Prof. R.D. Misra, Professor, NIT Silchar
- ❖ Prof. P.K Patowari, Professor, NIT Silchar
- ❖ Prof. Sudarsan Ghosh, Professor, IIT Delhi
- ❖ Dr. S.K. Saha, Associate Prof., IIT Bombay
- ❖ Dr. R.K. Sharma, Associate Prof., NIT Hamipur
- ❖ Dr S. Elumalai. Scientist D, CIAB Mohali
- ❖ Dr. Sukumar Pati, Assistant Prof., NIT Silchar
- ❖ Dr Sumit Bhowmik, Assistant Prof., NIT Silchar

Organizing Committee

- Chief Patron:** Prof. Sivaji Bandyopadhyay
Director, NIT Silchar
- Patron:** Dr. Agnimitra Biswas
Head, MED
- Advisors:** Prof. P. K. Patowari
Prof. R. D. Mishra
Prof. K. M. Pandey
- Co-ordinators:** Dr. Alfa Bisoi
Dr. Simanchal Kar
Dr. Sushant Negi

Faculty Members: Prof. K.K. Sharma, Dr. K. Chakraborty, Dr. P. Choudhury, Dr. L. Roy, Dr. S. Halder, Dr. S. Debbarma, Dr. D. Bhanja, Mr. D.H. Das, Mr. S.K. Pattanayak, Dr. S. Nath, Dr. A.B. Deoghare, Dr. S. Dey, Dr. P.R. Randive, Dr. P.D. Roy, Dr. S.R. Maity, Dr. Biplab Das, Dr. Dr. Y. Singh, Dr. B. Das, Dr. C.K. Sahoo, Dr.A. Paul, Dr. R. N Gupta, Dr. S. Sharma

One Week Online Short Term Course

on

How to define Research Problems and Solving Methods in Sustainable Design, Manufacturing and Energy Engineering

(Supported by TEQIP-III)

24th to 28th August, 2020



Organized by :



Department of Mechanical Engineering
National Institute of Technology Silchar
Assam-788010

Resource Persons



Prof. P.M. Pathak
Professor, IIT Roorkee



Dr. S. K. Saha
Associate Prof., IIT Bombay



Prof. A.K. Samantaray
Professor, IIT Kharagpur



Prof. Sudarshan Ghosh
Professor, IIT Delhi



Prof. R.D. Misra
Professor, NIT Silchar



Dr. Rajesh Kumar Sharma
Associate Prof., NIT Hamirpur



Prof. P.K. Patowari
Professor, NIT Silchar



Dr. Sasikumar Elumalai
Scientist D, CIAB Mohali



Dr. Sukumar Pati
Assistant Prof., NIT Silchar



Dr. Sumit Bhowmik
Assistant Prof. NIT Silchar

Who can apply?

Students, Research Scholar,
Faculty and Industrial Persons

Registration link

https://docs.google.com/forms/d/e/1FAIpQLSdYo8XniZgxzl8pz4jTm3bVxTkHT4oB2JpDW9KUxgWA5Dz_6g/viewform

E-Certificates will be provided to all active attendees with 80% attendance. Limited participants only (FCFS Basis)

Tentative Schedule

| Day | 10:30 AM - 12:30 PM | | 02:30 PM - 04:30 PM |
|--------------|---------------------|-------|---------------------|
| 24 Aug. 2020 | *S-01 | Lunch | S-02 |
| 25 Aug. 2020 | S-03 | | S-04 |
| 26 Aug. 2020 | S-05 | | S-06 |
| 27 Aug. 2020 | S-07 | | S-08 |
| 28 Aug. 2020 | S-09 | | S-10 |

*S-Session number

Inaugural ceremony: 10:15-10:30 AM on 24th August, 2020
Valedictory Session: 04:30 -04:45 PM on 28th August, 2020

Contact Us:

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One Week Online Short Term Course on How to define Research Problems and Solving Methods in Sustainable Design, Manufacturing and Energy Engineering

[Supported by TEQIP-III]

24th to 28th August 2020

IMPORTANT DATES

Last Date for Filling the form : 18th Aug. 2020

Confirmation by Participants : 20th Aug. 2020

COORDINATORS



Dr. Alfa Bisoi
Assistant Professor/ME

Dr. Simanchal Kar
Assistant Professor/ME

Dr. Sushant Negi
Assistant Professor/ME