Five Days Online

Short Term Course (STC)

ON

Renewable Energy: Pathways and Technologies

(31st Oct. - 4th Nov. 2022)

Registration Form

Name: .....

Designation and Official Address: .....

.....

Highest Academic Qualification: .....

Specialization: .....

Registration Fee Details:

Payment Mode:.....

Transaction ID: .....

Issuing Bank Name: .....

Amount: .....Date.....

Address of Correspondence: .....

.....

Mobile No: .....Email Id: .....

Signature of Applicant

Authorized Signatory with Seal

Patron

Prof. Lalit Kumar Awasthi

Director, NIT Uttarakhand

Conveners

Dr. Sanat Agarwal, HoD-ME

Dr. Vinod Singh Yadav

Coordinators

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Azadi Ka Amrit Mahotsav

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Renewable Energy: Pathways and Technologies

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Organized by

Department of Mechanical Engineering

National Institute of Technology Uttarakhand
Srinagar (Garhwal), Pauri-Garhwal,
Uttarakhand, India-246174

Resource Persons

The expert lectures will be delivered by renowned Professors, Scientist and Eminent speakers from Academics and Industries. Expected speakers are:

Prof. Dilip Sharma
Professor,
Department of Mechanical Engineering,
MNIT Jaipur

Prof. Joytirmay Mathur
Professor,
Department of Mechanical Engineering,
MNIT Jaipur

Dr. Rahul Goyal
Assistant Professor
Department of Energy Science and Engineering,
Indian Institute of Technology, Delhi

Prof. SPS Rajput
Professor,
Department of Mechanical Engineering,
MANIT Bhopal

Prof. M. P. Poonia
Vice Chairman,
All India Council for Technical Education

Dr. Arup Kumar Das
Associate Professor,
Department of Mechanical and Industrial Engineering
IIT Roorkee

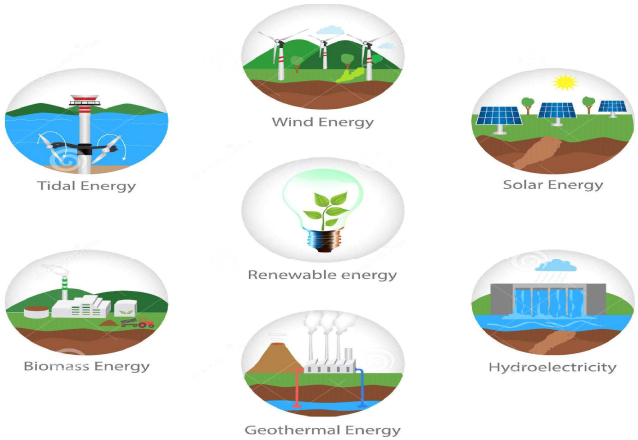
Prof. Manabendra Pathak
Professor,
Department of Mechanical Engineering,
IIT Patna

Dr. Mohd. Kaleem Khan
Associate Professor,
Department of Mechanical Engineering,
IIT Patna

Dr. Pratik N. Sheth
Associate Professor,
Department of Chemical Engineering
BITS Pilani

Dr. Shivraj Dhaka
Senior Councellor,
Indian Green Building Council, Confederation of Indian Indutry (CII)

Topics Covered



Prospective Participants

The online short term course is open for participants for Industry persons, Faculties, Research Scholars, Post Graduate and Under Graduate students. The number of participants for the course are limited and the selection of participants will be on first come first serve basis.

Registration Fee

Registration fee of Rs. 250/- for participants from academia, Industry and R&D Lab. No registration fee for students/faculty/staff of NITUK. The last date of registration for STC is 26/10/2022. The Bank details for online payment of fee is as follows:

A/C Name	NIT Uttarakhand
Bank Name	State Bank of India, Srinagar(Garhwal)
A/c No.	37530566069
IFSC Code	SBIN0003181

About NIT, Uttarakhand

National Institute of Technology, Uttarakhand is located in the hilly terrain of Srinagar Garhwal, Pauri Uttarakhand. NIT, Uttarakhand established in 2009 under the Act of Parliament of India by the ministry of Human Resource Development and designated with the status of "Institute of National Importance".

Department of Mechanical Engineering

The Department of Mechanical Engineering at the National Institute of Technology, Uttarakhand was established in 2012. The department has flexible academic structure with numerous core and elective courses, to facilitate the students to opt for the courses of their interest. Further, the Department started M.Tech. and Ph.D. Program. The Department offers M.Tech in specialization:

1. Thermal Engineering
2. Machine Design
3. Manufacturing Technology

About The STC

This online course has been designed to capacitate those already working in or planning to work in the RE sector, by imparting a better understanding of RE technologies and their pathways. An increase in RE share across all end-use sectors can be achieved through multiple pathways. Some RE technologies can be deployed locally (decentralised in rural and urban areas), whereas others are deployed through utility-scale energy networks (centralised). The ease of integration would vary, based on the region and the characteristics specific to the technology. This transformation will have the potential to create 18 million net additional jobs by 2030. The future RE workforce needs to know about the changing and emerging technologies, as technology would be one of the key factors for integration of RE into the energy market and for the shift to reduce carbon intensity of generation assets. The course will cover all types of Renewable Energy Techniques, Applications, Pathways, etc. The course is designed for researchers, scientists, academicians and practitioners working in the areas of 'Clean Energy Innovation', 'Carbon Capture, Utilization and Storage (CCUS)', 'Hydrogen Production, Storage and Utilization, 'Energy Storage System', and 'Renewable Energy Systems`. It also intends to serve as a forum to disseminate and discuss knowledge and recent advances in emerging net-zero emission technologies.

How to Register

The participants can register for the STC only through online mode. The link for online registration is as follows:
https://forms.gle/usNU8WcbweLjVW256
All the participants will get the e-certificate.