

## About Workshop

The workshop is designed to impart the participants with knowledge of energy systems and renewable energy resources. The course will explore society's present needs and future energy demands & to examine conventional energy sources and systems, including fossil fuels with a focus on alternate, renewable energy resources. The primary goal of the workshop is to understand the various forms of non-conventional energy resources, to learn the present energy scenario and the need for energy conservation. By the end of the programme, the participants should be confident and competent in using the right methods and tools to carry out their research work in the area of Renewable Energy. The major areas to be covered include the Solar Energy, Wind Energy, Bio-mass, Small Hydro Power and Energy Efficient Systems along with their standalone operations.

### The specific objectives of the workshop are: -

- To familiarize participants with the basics and importance of renewable energy.
- To enhance the knowledge base and develop skills of participants for selecting the appropriate technique of utilizing renewable resources.
- To provide the participants with a broad overview of the new renewable energy systems and techniques used in green energy generation for sustainable development.
- To provide guidelines about different schemes of Govt. of India to utilize various types of renewable energy resources.



*Celebrating 60 Years of Academic Excellence*

**Diamond Jubilee Year**

(01 July 2022 - 30 June 2023)

### Patron

**Prof. B.V. Ramana Reddy**

Hon'ble Director  
NIT-Kurukshetra

### Convener

**Dr. P.C. Tewari**

Professor & Head  
Dept. of Mechanical Engineering

### Course Coordinator

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**Last date of Registration: August 24, 2022**

**2 Days Online Workshop**

*on*

**Sustainable Development through  
Renewable Energy**

**[August 26-27, 2022]**

*Organized by*

**Dept. of Mechanical Engineering  
National Institute of Technology Kurukshetra  
Kurukshetra-136119  
Haryana, India**

### **REGISTRATION**

The registration for the program shall be completed through online registration process. The link for online registration for the workshop is: -

<https://docs.google.com/forms/d/e/1FAIpQLSdORk6VzLcM3JTMve4h0WCV-cmOVLvvoQJ-y3dSSnZW8KzB5w/viewform>

<b>Registration Fee</b>	
<b>Research Scholar/Student</b>	<b>Rs. 500</b>
<b>Faculty</b>	<b>Rs. 1500</b>
<b>Industry/R&amp;D / Govt. Organization</b>	<b>Rs. 3000</b>
<b>Foreign Delegate (Academia /Industry)</b>	<b>\$ 100</b>



Scan the QR Code for online registration. The reg. fee may be submitted through SB Collect: <https://www.onlinesbi.sbi/sbicollect/payment/listcategory.htm>