

One Week Workshop on
Energy Conservation & Sustainable
Development (ECSD-23)
(December 18 – 22, 2023)
(Hybrid: Online/Offline)



Organized by

School of Renewable Energy and
Efficiency (SREE)
National Institute of Technology
Kurukshetra

In association with

Department of New and Renewable
Energy, Haryana Renewable Energy
Development Agency, Panchkula.

PATRON

Prof. B. V. Ramana Reddy
Director, NIT Kurukshetra

CO-PATRON

Prof. Ashwani Kumar
Coordinator, SREE

CONVENER

Dr. Shelly Vadhera
Associate Professor, EED

COORDINATORS

Dr. Shivam
Assistant Professor, EED

Dr. Rajesh Kumar
Assistant Professor, MED

Important Dates:

Last Date of Registration: December 14,
2023

Correspondence Address

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Kurukshetra

Kurukshetra is described as DHARAMKSHETRA, with historical and religious importance. Here, the battle of Mahabharata was fought, and Lord Shri Krishna preached the philosophy of “KARMA” as enshrined in the holy book “Shrimad Bhagwad Gita.” Kurukshetra is very well connected by Road (NH44, connecting Delhi-Chandigarh- Amritsar-Jammu), by Rail, (Delhi-Ambala section), and by Air (Delhi 160 km and Chandigarh 80 km). The NIT Kurukshetra campus is situated about 10 km from Pipli bus stand located on NH44 and about 4 km from Kurukshetra railway station.

National Institute of Technology
Kurukshetra

NIT Kurukshetra, formerly known as Regional Engineering College, Kurukshetra was founded in 1963. It was conferred upon the NIT status, with Deemed University on June 26, 2002. The Institute offers several courses, in various disciplines of B. Tech., M. Tech., MBA and MCA and Ph.D. with an annual intake of about 1500 students. The institute also provides excellent facilities for advanced research in the emerging areas of Engineering, Science, and Technology.

School of Renewable Energy and Efficiency
(SREE)

School of Renewable Energy and Efficiency was established in 2012. The School offers M. Tech., and Ph.D. Degrees since its inception. Research and development activities on various relevant aspects of non-conventional energy sources have been envisaged keeping synergy with the evolving innovations and developments in Renewable Energy.

Department of New and Renewable Energy,
Haryana

The Department of New and Renewable Energy (DNRE) is responsible for formulating policies and programmes necessary for popularizing the applications of various non-conventional and renewable sources of energy in the State. It implements various schemes concerning the utilization of solar energy, biogas, micro hydel, and biomass energy. The Department is also acting as a State Designated Agency for the implementation of the Energy Conservation Act, 2001. State Govt. has also set up a new agency called Haryana Renewable Energy Development Agency (HAREDA) in May, 1997 for the implementation of various centrally and state sponsored schemes/ projects in the area of renewable energy in the State.

Objectives

The workshop is designed to impart the participants with knowledge of energy systems and renewable energy resources, with a scientific examination of the energy field and an emphasis on alternate energy sources and their technology and application. The workshop will explore society's present needs and future energy demands, examine conventional energy sources and systems, including fossil fuels and nuclear energy, and then focus on alternate, renewable energy sources such as solar, biomass (conversions), wind power, geothermal, and hydro. Energy Conservation methods will be emphasized. The takeaway for participants from the workshop will be a deep understanding of the various forms of non-conventional energy resources. Empowered to gauge the present energy scenario and the need for energy and environment sustainability. Knowledge about different appliances, methods, and techniques for being energy efficient. Finally, by the end of the program, the participants would be sensitised with cutting-edge technology leading

to energy conservation, efficiency & sustainability

Who should attend

This workshop is specially designed to create awareness of Energy Conservation and sustainable development for the participants. Participants will be selected on a first-come-first-serve basis up to a maximum of 50. The registration form, complete in all respects, duly forwarded by the Head of the Institution and should reach on or before December 15, 2023.

Resource persons

- Expert may be invited from Industry/R&D Organizations
- Faculty members from IITs/NIT Kurukshetra

REGISTRATION

There is no registration fee for the workshop.

Registration form

The candidates can fill in the Registration Form using the following Google link:

<https://forms.gle/mjXYA3h3GgoeyQxR9>

Correspondence Address:

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rajeshkr@nitkkr.ac.in

Phones: +91 8950213359, +91 9896913616

REGISTRATION FORM

One Week Workshop On

Energy Conservation and Sustainable Development (December 18 - 22, 2023)

Name: _____

Date of Birth: _____

Course: _____

Organization: _____

Address for correspondence:

Phone: _____

E-mail: _____

(Signature of applicant)

Sponsoring Authority:

Name: _____

Designation: _____

Organization: _____

Recommended: _____

Signature of the Head of Department / Institute.