



# 1<sup>st</sup> International Conference on Advancement in Energy

ऊर्जाSangam  
2023

Organized by

Department of Mechanical Engineering  
Motilal Nehru National Institute of Technology Allahabad  
Prayagraj - 211004, Uttar Pradesh, INDIA



Springer

## Schedule of Keynote Lectures

| Date                 | Lecture | Time                | Name of the Speaker       | Topic of Lecture  | Mode (online / offline)weblinks                          | Venue  |
|----------------------|---------|---------------------|---------------------------|---|--|--|
| Day -1<br>18/12/2023 | L-1     | 11:30 AM-12:00 Noon | Prof. Shabbir H. Gheewala | Life cycle thinking in assessing energy systems                                 | Online<br><a href="#">Click here to join the meeting</a> | In<br>sti<br>tut<br>e<br>Se<br>mi<br>na<br>r |
|                      | L-2     | 12:00 Noon-12:30 PM | Prof. G. N. Tiwari        | Photovoltaic Technology   | Offline  |  |
|                      | L-3     | 03:30 PM-04:00 PM   | Prof. Jai Govind Singh    | To be updated   | Online<br><a href="#">Click here to join the meeting</a> |  |
|                      | L-4     | 04:00 PM – 04:30 PM | Mr. Sushil Kumar Sharma   | Energy Transition Pathways: From Dirty to Clean and Green Energy                | Online<br><a href="#">Click here to join the meeting</a> |  |
| Day -2<br>19/12/2023 | L-5     | 09:30 AM – 10:00 AM | Prof. Anil Kumar          | Advance in solar energy based medicinal oil extraction system                   | Offline  |  |
|                      | L-6     | 10:00 AM - 10:30 AM | Prof. AmitavaDatta        | Development of high efficiency domestic LPG stoves through numerical simulation | Online<br><a href="#">Click here to join the meeting</a> |  |
|                      | L-7     | 12:00 AM - 12:30 PM | Prof. Suvash C. Saha      | Numerical Modeling of Thermal Energy Storage using Phase Change Material (PCM)  | Online<br><a href="#">Click here to join the meeting</a> |  |
|                      | L-8     | 12:30 PM - 01:00 PM | Prof. Siraj Ahmed         | Wind Energy Technology: State of Art in Indian Perspective                      | Online<br><a href="#">Click here to join the meeting</a> |  |
|                      | L-9     | 03:00 PM- 03:30 PM  | Prof. Brian Norton        | Photovoltaic system and their applications                                      | Online<br><a href="#">Click here to join the meeting</a> |  |

|                   |                |             |                            |                                |   |   |
|-------------------|----------------|-------------|----------------------------|--------------------------------|---|---|
| <b>Day<br/>-3</b> | 20/12/<br>2023 | <b>L-10</b> | <b>10:00 AM- 10:30 AM</b>  | <b>Dr. Sunil Prasad Lohani</b> | <b>Future/Solar Energy in Nepal</b>                   | <b>Online</b><br><a href="#">Click here to join<br/>the meeting</a> |
|                   |                | <b>L-11</b> | <b>03:00 PM – 03:30 PM</b> | <b>Mr. PrabhatKhare</b>        | <b>Future Technologies in Automotive<br/>Industry</b> | <b>Online</b><br><a href="#">Click here to join<br/>the meeting</a> |