



3rd International Conference on Energy Resources and Technologies for Sustainable Development

11-12 September 2025



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ICERTSD 2025

Commitment to Sustainability

Organized by

Department of Mechanical Engineering

Indian Institute of Engineering Science and Technology, Shibpur

Website
www.icertsd.org



ABOUT THE CONFERENCE

This conference aims to provide an effective platform for the exchange of innovative ideas and research information in energy technologies and related scientific fields. The theme of the 3rd ICERTSD is 'Commitment to Sustainability', and it will be held in physical mode. More information about the upcoming as well as the previous editions of ICERTSD can be found on the event website <https://www.icertsd.org>

THEME AREAS

Papers of original quality on the conference topics listed below as well as on other topics not explicitly mentioned herein but are well related to the theme of the conference are solicited.

- Carbon Emission Mitigation & Decarbonization
- Energy System Analysis & Optimization
- Thermo-fluidics, Heat Transfer and CFD
- Energy Management, Economics & Policies
- Climate Change and Global Warming
- Environment and Sustainability
- Clean Fuels for Engines & Propulsion
- Energy Harvesting and Energy Storage
- Hydrogen and Fuel Cells
- Solar, Wind and Geothermal
- Hydro, Ocean and Wave
- MHD, EHD & Thermo-electric
- Biomass & Waste to Energy
- Building Energy Systems, Heat Pumps
- Alternative Technologies for Fossil Fuels
- Nuclear Energy
- Distributed Generation and Micro-grid
- EVs, Hybrid Vehicles and Batteries

Paper abstracts to be submitted in the conference abstract template (available on conference website) within the submission deadline through the ABSTRACT submission

ABOUT THE PRE-CONFERENCE WORKSHOP

The workshop will be held on the eve of the conference on the theme "Modelling & Analysis of Energy Systems". It is designed to impart modelling and analytical skills and tools for carrying out in-depth assessments of energy conversion systems. Eminent personalities from IITs, NITs, IIST and other reputed institutions and universities will share their research expertise and will guide the scholars and budding researchers in their quest for knowledge and new methodologies.

ABOUT THE INSTITUTE & DEPARTMENT

Indian Institute of Engineering Science and Technology (IIST) Shibpur owes its origin to the erstwhile 'Bengal Engineering College' which is the 2nd oldest engineering college in India, established in 1856. It was elevated to Bengal Engineering & Science University (BESU) in 2004, and later became IIST, an institute of national importance (INI). The Department of Mechanical Engineering, IIST Shibpur was established in 1921 and has earned a name and fame for itself through its century-long existence producing high quality engineering professionals. More information may be found on the departmental [website](#).

IMPORTANT DATES AND TIMELINES

Abstract submission deadline:	31st Mar 2025	Extended to 30 th Apr 2025
Full paper submission deadline:	15 th Jun 2025	(revised)
Notification of acceptance:	30 th Jun 2025	
Registration:	Opens 1 st July 2025	Closes 31 st July 2025
Late Registration:	upto 16 th Aug 2025	(with late fee)

REGISTRATION FEES

Main Conference	Students	INR 2500 + 18% GST
	Academia	INR 4000 + 18% GST
	Industry	INR 5000 + 18% GST
	Foreign participant	USD 100
	Late Fee	INR 1000/ USD 25
Pre-conference Workshop	Conference participants	INR 1000 (USD 20)
	Others	INR 2000 (USD 40)

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