



INTERNATIONAL CONFERENCE

(SELF- SPONSORED)
ON

SUSTAINABLE RESEARCH IN ENERGY AND ENVIRONMENT (SREE-2024)

Jointly Organized by
Department of Chemical Engineering
&
Centre for Energy and Environment

April 5-6, 2024 (Hybrid Mode)



डॉ बी आर अम्बेडकर राष्ट्रीय प्रौद्योगिकी संस्थान जालंधर
DR B R AMBEDKAR NATIONAL INSTITUTE OF TECHNOLOGY JALANDHAR



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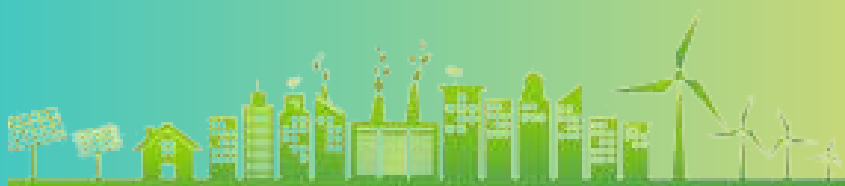


About Conference

The conference on "**Sustainable Research in Energy and Environment (SREE-2024)**" serves as a platform for scholars, researchers, industry professionals, and policymakers to converge and engage in discussions centered around the critical nexus of energy and environmental sustainability. This gathering aims to foster a collaborative environment where innovative ideas, cutting-edge research, and practical solutions are shared to address the challenges and opportunities in the realms of energy production, consumption, and their impact on the environment. The conference is designed to showcase the latest advancements in sustainable energy technologies, explore strategies for minimizing environmental footprints, and promote interdisciplinary approaches to tackle the pressing issues related to climate change and resource depletion. Participants will have the opportunity to delve into diverse topics such as renewable energy sources, energy efficiency, environmental conservation, and the intersection of technology and policy for sustainable development.

Through keynote presentations, panel discussions, and interactive sessions, the conference seeks to bridge the gap between theory and practice, providing a comprehensive understanding of the current state of sustainable research in energy and the environment. Attendees will gain insights into emerging trends, share experiences, and contribute to the collective effort aimed at creating a more sustainable and resilient future.

Sustainable Research in Energy and Environment (SREE-2024) conference is a pivotal event that catalyzes collaboration and knowledge exchange to pave the way for a greener and more sustainable world.





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ABOUT DR B R AMBEDKAR NIT JALANDHAR

Dr B.R. Ambedkar National Institute of Technology Jalandhar (NITJ) was established in the year 1987 as Regional Engineering College and was conferred the status of National Institute of Technology (Deemed University) by the Government of India on October 17, 2002 under the aegis of Ministry of Human Resource Development, New Delhi. The Government of India has declared the Institute as an "Institute of National Importance" under an act of Parliament in 2007.

As one of the National Institutes of Technology (NIT), the Institute has the responsibility of providing high quality education in Engineering, Technology and Sciences to produce competent technical and scientific manpower for the country. The Institute offers B Tech, M Tech, M Sc, MBA and PhD programmes in several disciplines of Engineering, Technology and Sciences.



ABOUT CHEMICAL ENGINEERING DEPARTMENT

The Department was established in 1990 and has been playing a vital role in the development of Chemical Engineering education and research by offering B.Tech, M. Tech and PhD programmes. Its Alumni are occupying eminent positions in chemical industries, research and academic institutions in India and abroad. The Department has established state-of the art laboratories with sophisticated equipment for undergraduate courses and research work. The Department recently received coveted FIST grant of Rs. 155 Lac from Department of Science and Technology, New Delhi to augment post graduate research

ABOUT CENTER FOR ENERGY AND ENVIORNMENT

The Centre has initiated a course of M.Tech. in Renewable Energy from 2020 with 15 GATE qualified students from various engineering field with active collaboration from Sardar Swaran Singh National Institute of Bio-Energy, Kapurthala. The students are sponsored by National Renewable Energy Fellowship of Ministry of New and Renewable Energy, Government of India. Apart from this provision also exist for 15 sponsored seats on the bases of written test conducted by the Institute. The students are trained in various specialized areas in Renewable Energy.





CONFERENCE OBJECTIVE

The conference aims to provide a platform for researchers, academics, industry professionals, and policymakers to exchange knowledge, discuss recent advancements, and collaboratively explore sustainable research initiatives in the fields of energy and the environment. Through presentations, discussions, and networking opportunities, the conference seeks to foster interdisciplinary dialogue and contribute to the development of practical, environmentally conscious solutions that can positively impact global energy and environmental challenges.

CALL FOR PAPER

We invite researchers, academics, industry professionals, and policymakers to submit original research papers for consideration in the upcoming conference on "***Sustainable Research in Energy and Environment (SREE-2024)***". The conference aims to provide a platform for sharing cutting-edge research and fostering discussions on sustainable solutions in the fields of energy and the environment.

Following **Energy and Environment** topics of interest included in this conference,

- Renewable Energy Technologies
- Environment Friendly Energy
- Systems Energy Processes and Conversion Systems
- Electro-Mechanical Energy System
- Electro-Chemical Energy System
- Sustainable Transport including
- Electric Vehicles
- Energy Storage
- Biomass and bio-based products
- Climate change & global warming
- Ecology & biodiversity conservation
- Sustainable Electrical Energy Systems
- Intelligent Integration of Renewable Energy Technologies
- Life Cycle Analysis of Energy System
- Hydrogen Energy Technologies
- Environmental Engineering
- Carbon Capture, Storage, Utilizations
- Technologies on Emission Particulates
- Recycling Technologies for Energy and Materials Recovery
- Circular Economy
- Techno-Economics of Energy System
- Energy Policies and Economics
- Energy systems modeling
- Natural resources and materials for energy systems
- Artificial intelligence and big data for energy transition
- Social aspects of energy transition
- Policy, education, and legal aspects of energy transition
- Energy for sustainable development
- Nano and Bio-Materials

ABSTRACT SUBMISSION

All abstracts are being accepted for oral presentations. Abstracts must clearly define the objectives, status, methodology, results, and significance outcome of the study. The length of abstract in your original submission should not exceed ONE page (for details see abstract template will be given on website). It should be prepared according to the templates attached on the website

Abstract Submission link: [Click Here](#)



REGISTRATION FEE

Category	Early Bird Registration Fee (before March 26, 2024)	Late Registration Fee (after March 26, 2024)
Indian Participants (students) *	Rs.2500	Rs. 3000
Indian Participants (Faculty or industry persons) *	Rs.4500	Rs. 5000
International Participants*	\$200	\$250
Listener (Indian Participants)*	Rs.1000	Rs 1500
Listener(International Participants)*	\$25	\$30

*18% GST (excluded), registration fee not refundable.

Corresponding authors or presenting authors of accepted abstracts are invited to submit full papers through the website link, and only selected high quality papers will be published in reputable journals (SCI/Scopus/Web of Science). All selected abstract will be published with ISBN number. At least one author of accepted papers is required to register at the full registration rate. Submissions must be original and should not have been previously published or be under consideration for publication elsewhere during the conference evaluation process.

To register online, please follow this link: [Online Form](#)

IMPORTANT DATE

Last Date Of Receipt The Abstract: **March 10, 2024**
Intimation Of Acceptance: **March 15, 2024**
Last Date Of Registration: **March 26, 2024**
Last Date Of Submission Of Full Paper: **May 15, 2024**
(Only selected high quality papers)

If you have any queries or require further information, please contact us.

[Dr. Anurag Kumar Tiwari,](#)

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