

Important Dates:

Abstract Submission Deadline (Extended):	15th June, 2024
Notification of Acceptance of abstract:	25th June, 2024
Full Paper Submission Deadline:	30th June, 2024

Conference Format:

The conference will feature a mix of keynote speeches, panel discussions, technical sessions, and poster presentation. Participants will have the opportunity to present their research findings, case studies, and projects through oral presentations and poster sessions.

Accommodation:

On request accommodation for the delegates can be arranged in different hotels at their own cost

Publication Opportunities:

Selected abstracts, presented in the conference, will be published as a book chapter with DOI by Indian Institute of Chemical Engineers. Selected papers after peer review based on their merit and novelty, presented in the conference, will be published in the **International Journal of Applied Engineering and Research** (UGC approved journal).

Registration Fee:

Category	Amount
UG/PG student	₹1000/-
Research Scholar	₹2000/-
Faculty members	₹2500/-
Industry personnel	₹3000/-
Accompanying Persons	₹1500/-
Foreign Delegates	USD350

Mode of Payment: All payment would be made electronically (e-payment) through payment gateway. Please visit registration page of conference website

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INTERNATIONAL CONFERENCE ON RENEWABLE ENERGY WITH SUSTAINABLE SOLUTIONS



ICRESS 2024

24-25 JULY, 2024
3RD ANNOUNCEMENT



Organized by

Dept. of Chemical Engineering
Heritage Institute of Technology

994, Madurdaha, Chowbagha Road, Anandapur,
Kolkata-700107, West Bengal, India

<https://www.heritageit.edu/IC2024/ICRESS24.aspx>

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About the Conference:

The prospects for renewable energy are undeniably promising. As the world seeks sustainable solutions to combat climate change and reduce reliance on finite fossil fuels, renewable energy sources such as solar, wind, hydro, geothermal, and bio-energy have emerged as the cornerstones of a cleaner, greener future. The continuous advancements in technology, decreasing costs, and growing public and governmental support create a fertile environment for the exponential growth of renewable energy. These sources offer not only a cleaner and more environmentally responsible energy option but also significant economic and job creation potential. The prospect of renewable energy is not just about reducing our carbon footprint but also about shaping a more resilient, equitable, and prosperous world for generations to come. As the world continues to prioritize the transition to renewable energy, it is essential to gather experts, industry leaders, policymakers, researchers, and stakeholders to exchange knowledge, share best practices, and explore innovative solutions. The Two-Day International Conference on Renewable Energy with Sustainable Solutions (ICRESS 24), therefore, aims to create a platform for collaboration and engagement to advance the renewable energy sector. The Conference also aims to provide a leading forum for disseminating the latest research in the fields of renewable energy and conservation. ICRESS 24 will provide unique opportunity to have fruitful discussions about renewable energy grid infrastructures, technologies, engineering design methods, and best practices that address industrial challenges.

About the Institute (HITK)

Inspired by the noble cause of education and philanthropic zeal, a group of twenty two likeminded industrialists in Kolkata established in 1990 the Kalyan Bharati Trust (KBT), a public charitable foundation, to promote and provide higher education in the country and in West Bengal, in particular. To achieve the KBT's objective, the Heritage Institute of Technology (HIT-K) was set up in 2001. The academic programs of HIT-K are accredited by National Board of Accreditation (NBA) and was accorded the independent autonomous status by UGC w.e.from the academic session 2014-2015. The Institute is also one of only 25 private unaided engineering institutions across the country selected for Technical Education Quality Improvement Program (TEQIP), Phase-II, a World Bank funded initiative of MHRD, Government of India. The institute has several collaborative programs with different Premier Institutions and Industries in National and International level to promote the joint research activity and summer research

Conference Theme:

The conference seeks original papers related to design, analysis and optimization of energy harvesting processes from renewable resources and their applications in energy production, distribution with a focus on environmental impact and sustainability and other critical issues encountered in engineering applications in Renewable Engineering across the globe. Along with this main theme, the conference will also cover important but nascent areas in Renewable energy Research including Advanced Energy Storage Technologies', Hydrogen as an Energy Carrier, Next-Generation Solar Technologies, Offshore Wind Energy, Energy-Positive Buildings and Communities, Smart Grid 2.0, Green Hydrogen production, Circular Economy for Renewable Technologies etc.

We invite submissions on a wide range of topics related to renewable energy and sustainability, including but not limited to:

- a) Solar, Wind, Hydro, and Bio-energy Technologies
- b) Energy Storage and Grid Integration
- c) Energy Policy and Regulations
- d) Impact of Renewable Energy on Industry and Society
- e) Environmental Impact Assessment
- f) Energy Efficiency and Conservation
- g) Global transition to Clean Energy
- h) Waste to energy
 - i) Advanced Manufacturing Sustainable Products & Energy Systems
 - j) Circular Economy and Resource Management

Abstract submission

Abstracts (each maximum **500 words**) are invited for the Conference . Authors whose abstracts are selected will be invited to submit a full paper for peer review. For online technical program consistency, this Abstract Template must be used. For abstract submission, abstract template is to be obtained from the conference website.

Authors will be notified for abstract acceptance in due course of time. At least one author must register with full registration fee for presenting (oral or poster) the accepted abstract. All accepted abstract that will be presented successfully during the conference will be published in conference proceedings.

Paper Submission Guidelines for Authors:

To ensure a smooth and efficient submission process, please adhere to the following guidelines when submitting your papers.

1. Conference Theme and Topics:

Your paper should align with the conference theme. Please review the conference website for the list of broad themes and topics.

2. Paper Formatting:

-Papers must be written in English.

-Use the provided conference paper template for formatting. You can download the template from our conference website.

3. Author Information:

-Clearly specify the names and affiliations of all authors.

-Designate a corresponding author and provide their contact details, including email address.

4. Originality and Plagiarism:

-All submissions must be original/review work.

-All submissions will be screened for plagiarism. Plagiarism level should not be more than 10 % (preferably)

5. Paper Submission:

-Submit your paper and abstract through appropriate **Google form which is available on the conference website.**

6. Copyright and Permissions:

-By submitting your paper, you grant the conference organizers the right to publish it in the conference proceedings.

-If your paper contains copyrighted material (e.g., figures, images, or tables), ensure you already have the necessary permissions for use and reproduction.

7. Language and Presentation:

-Ensure your paper is well-written and free of grammatical errors.

8. Contact Information:

-If you have any questions or need assistance, please contact the conference organizing committee at **[icress2024@heritageit.edu]**.

We look forward to receiving your valuable contributions and to your participation in the "International Conference on Renewable Energy with Sustainable Solutions (ICRESS24)".