



2nd INTERNATIONAL CONFERENCE ON INNOVATIONS IN THERMO-FLUID ENGINEERING AND SCIENCES [ICITFES - 2025]

7-9 February 2025

Organized by
**Department of Mechanical
Engineering**
NIT Rourkela, India



PRINCIPAL CO-ORDNATOR

Dr. Bukke Kiran Naik

CONFERENCE CONVENERS

Dr. Ashwin Nandagiri
Dr. Kishore Singh Patel
Dr. Saroj Ray
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CONFERENCE SECRETARIAT

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OVERVIEW AND OBJECTIVES

The International Conference on Innovations in Thermo- Fluid Engineering and Sciences [ICITFES - 2020] has the objective to bring academicians, scientists, and researchers together who are engaged in research and development of thermo-fluid systems and their applications in various fields of engineering and science, and to disseminate their research findings. The conference theme will not only cover the topics that are listed in the brochure; but also the areas which are relevant to the thermo-fluid systems and their applications. It is anticipated that the conference will appeal to a wide range of disciplines. Plenary and keynote lectures and oral presentation of research papers will be delivered in parallel sessions so as to enable the participants to interact during the conference.

PARTICIPANTS

Scientists, Academicians, Research Scholars and Students from Academic Institutions, Researchers from Research Organizations and Industries can send their research finding for presentations.

CALL FOR ABSTRACT/FULL PAPER

Abstract of research/technical paper followed by the fullpaper are invited, based on the theme of the conference. Selected papers will be arranged for oral or poster presentation. The registered authors can submit multiple papers. For every additional paper, 50% of the registration fee has to be paid.

PUBLICATION

Selected peer-reviewed papers from the conference will be published in peer reviewed SCI/Scopus Indexed International Journals and Conference Proceedings.

IMPORTANT DATES

Final submission for review 30th Oct. 2024
Camera ready submission 15th Dec. 2024
Last date for registration 31st Jan. 2025

THEMES OF THE CONFERENCE

Authors are invited to submit their abstract and paper in the following themes not limited to:
Aerospace Engineering
Atmospheric Science

Biological Heat Transfer and Fluid Flow
Climate Change
Combustion and Flame
Computational Fluid Dynamics
Cryogenics
Fluid Mechanics
Gas Turbines and Dynamics
Heat Transfer
Humidity and Control
Multiphase Flow
Ocean Engineering
Power and Energy
Refrigeration and Air Conditioning
Renewable Energy
Thermodynamics
Miscellaneous Topics Related to Conference Theme

REGISTRATION

Category	Indian	Foreign
Student/Researcher	4000+18% GST	200 USD+18% GST
Scholar Faculty	6000+18% GST	300 USD+18% GST
Industry	8000+18% GST	350 USD+18% GST

ABOUT NIT ROURKELA, INDIA

National Institute of Technology Rourkela is an institute of national importance created under an act of parliament. NIT Rourkela has been ranked at 291 and 16th position in QS Asia University Ranking, and NIRF 2023 respectively. Times Higher Education has figured NIT Rourkela in the group of 601-800 in World University Ranking 2023. The Institute provides quality education in a diverse and multi-cultural environment. The mission of the institute is to become an internationally acclaimed institution of higher learning that will serve as a source of knowledge and expertise for society and be a preferred destination for undergraduate and postgraduate studies. The institute is offering Ph.D. and M.Tech by Research programme in 21 branches of Engineering. The institute research centers are engaged in consultancy and research activities of several bodies such as DST, DAE, CSIR, DRDO, BARC, ISRO and private industries.

VENUE

The conference will take place at National Institute of Technology, Rourkela, India. Rourkela is a planned city located in the northern part of Odisha, India. It is the third largest Urban Agglomeration in the state of Odisha, India. It is situated about 350 kilometers from Bhubaneswar, the state capital and is surrounded by a range of hills and encircled by rivers. It is about 320 kilometers from Kolkata, a third largest city in India.

CULTURAL PROGRAM

A cultural program is planned for participants and accompanying persons during the conference.