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Conference site:

<https://sites.google.com/view/rtfdr21/home>



DIAMOND JUBILEE YEAR
1961-2021

National e-Conference

on

RECENT TRENDS IN FLUID DYNAMICS RESEARCH

(RTFDR-21)

(April 2--4, 2021)



Organized By

Department of Chemical Engineering
National Institute of Technology
Rourkela, Rourkela



Celebrating
DIAMOND JUBILEE YEAR
(1961-2021)

ABOUT DEPARTMENT

RTFDR-2021 will be held in the premises of the Department of Chemical Engineering, National Institute of Technology Rourkela. The Department was established in 1961 and has been playing a vital role in the development of Chemical Engineering education and research by offering B. Tech, M. Tech and Ph.D., programs.

ABOUT INSTITUTE

National Institute of Technology (NIT) Rourkela is an institution of national importance funded by Ministry of Human Resource Development. NIT Rourkela was established as Regional Engineering College (REC) on August 15, 1961. NIT Rourkela was ranked 601-800 in the world by the Times Higher Education World University Rankings of 2018 and 126th in Asia. In India, it was ranked 16 among engineering colleges by the National Institutional Ranking Framework (NIRF) in 2019. For details about the institute please visit us at www.nitrkl.ac.in

ABOUT CONFERENCE

A National e-Conference on **Recent Trends in Fluid Dynamics Research** organized by Fluid dynamics and heat transfer research groups of Department of Chemical Engineering, NIT Rourkela, aims to bring together leading academic scientists, researchers, and research scholars to exchange and share their experiences and research results on all aspects of Fluid Engineering. It also provides a premier interdisciplinary platform for researchers, practitioners, and educators to present and discuss the most recent innovations, trends, concerns, practical challenges encountered as well as solution methods adopted in the fields of Fluid dynamics.

IMPORTANT DATES

Deadline of ABSTRACT submission

28 March 2021

Last date of registration

29 March 2021

Last date of presentation submission

30 March 2021

Full Paper publication procedure

5th May 2021 Onwards

LIST OF KEYNOTE SPEAKERS

- **Prof. Raj P. Chhabra, IIT Ropar**
- **Prof. S. Pushpavanam, IIT Madras**
- **Prof. Suman Chakraborty, IIT Kharagpur**
- **Prof. Vivek V. Buwa, IIT Delhi**
- **Dr. Ram Prakash Bharti, IIT Roorkee**

FEE DETAILS

Category -I (ABSTRACT ONLY)

INR 500: FOR ALL

Category -II (ABSTRACT + FULL PAPER SUBMISSION AFTER CONFERENCE)

- **INR 500: FOR STUDENTS**
- **INR 1000: FOR FACULTY, SCIENTIST,**
- **INR 2000: INDUSTRY FELLOWS**

ABSTARCT SUBMISSION AND REGISTRATION LINK

INFORMATION AVAILABLE ON CONFERENCE SITE:

<https://sites.google.com/view/rtfdr21/home>

CALL FOR PAPERS

Prospective authors are kindly encouraged to contribute to the conference through submissions of their research abstracts and papers,. Also, high-quality research contributions describing original and unpublished results of conceptual, constructive, empirical, experimental, or theoretical work in following areas of fluid dynamics are cordially invited for presentation at the conference.

TOPICS:

Fluid Mechanics and Applications, Microfluidics and Nanofluidics, Numerical Methods for Multiphase Flows, Cavitation, Combustion, Fluid-Particle Interactions in Turbulence, Biological Flows, CFD, Experimental Fluid mechanics, Convection heat transfer, Numerical heat transfer, Fluid power, Experimental heat transfer, Fluidization, Non-Newtonian rheology, Boundary layer theory

All Full PAPERS SHALL BE REVIEWED. Accepted Papers Shall be Published either in Indian Chemical Engineer Journal (SCOPUS INDEXED) or Springer e-proceeding