



# ICFTES '22

VIRTUAL CONFERENCE

9 - 11 JUNE 2022

In Association with



ORGANIZED BY  
NATIONAL INSTITUTE OF TECHNOLOGY CALICUT, INDIA and  
STELLENBOSCH UNIVERSITY, SOUTH AFRICA



AUTSE

## 2nd Announcement and Call for Papers

# 1<sup>st</sup> INTERNATIONAL CONFERENCE IN FLUID, THERMAL AND ENERGY SYSTEMS

*The main objective of ICFTES'22 is to create a platform for the scientific community to share and update the advancements in Chemical and Mechanical Engineering, particularly in the areas of thermal science, fluid flow, and energy science. It will act as a single conglomerate of the global research community, teachers, practicing engineers, and research scholars with a platform to share their knowledge. The keynote presentation and invited talks will be delivered by speakers from leading Indian and International universities with extensive expertise in thermo-fluids and energy systems.*

### PUBLICATION PARTNERS



### SPONSORS



Full length paper submission closing: 15 - 03 - 2022  
Registration opens: 15 - 05 - 2022

Notification to authors: 15 - 04 - 2022  
Revised manuscript due: 15 - 05 - 2022

### Plenary Speakers

Prof. Pradip Dutta, IISc Bangalore  
Prof. Suman Chakraborty, IIT Kharagpur  
Prof. Bidyut Baran Saha, Kyushu University (Japan)  
Dr. Pradeep K Bansal, Director, Satya International Ltd., USA

### Keynote Speakers

Prof. Gautam Biswas, IIT Kanpur  
Prof. K. Srinivas Reddy, IIT Madras  
Prof. Ming-Chang Lu, NTU Taiwan

Prof. Amaresh Dalal, IIT Guwahati  
Prof. Saptarshi Basu, IISc Bangalore  
Prof. Youngsuk Nam, KAIST, South Korea  
Dr. Narasimha Mangadoddy, IIT Hyderabad  
Dr. Jaap Hoffman, Stellenbosch University, South Africa  
Dr. Arup Kumar Das, IIT Roorkee  
Dr. Sandip Kumar Saha, IIT Bombay  
Dr. Rishi Raj, IIT Patna  
Dr. Vanteru Mahendra Reddy, IIT Kharagpur  
Dr. Krishna Kota, New Mexico State University, USA  
Dr. V. Ashok, Deputy Director, Aeronautics Entity, ISRO  
Dr. S. Sunil Kumar, Deputy Director, PRSE, LPSC, ISRO

### Conference Themes

**Thermal Science** - Heat and Mass Transfer (Single&Multi phase), ML&AI, Nanotechnology, Refrigeration, Cryogenics etc.  
**Fluid Flow** - Measurements, Visualisation, Microfluidics, Fluid-structure interaction, HVAC, Aerodynamics, Fuel cells etc.  
**Energy Science** - Heat pumps, Green buildings, Solar energy equipments & applications, Thermal energy storage etc.

### Conveners

Dr. Sudev Das, Dept. of Chemical Engineering, NIT Calicut  
Dr. Teja Reddy Vakamalla, Dept. of Chemical Engineering, NIT Calicut  
Dr. Sujith Kumar C. S., Dept. of Mechanical Engineering, NIT Calicut  
Dr. Shijo Thomas, School of Materials Science and Engineering, NIT Calicut

<https://www.icftes.org>

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