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Press-Release

IIT (ISM) Dhanbad to Host International Conference on Thermofluid Engineering (INCOTHERM 2025) as Part of Centenary Celebrations

The Department of Mechanical Engineering, Indian Institute of Technology (Indian School of Mines), Dhanbad, is set to organize the **1st International Conference on Thermofluid Engineering (INCOTHERM 2025)** from **October 10–12, 2025**, as part of the institute's **centenary celebrations**, marking a hundred years of academic and research excellence.

Website: <https://people.iitism.ac.in/~incotherm2025/>

The three-day international event aims to bring together leading **academicians, researchers, industry professionals, and students** from across the world to exchange innovative ideas, discuss emerging challenges, and explore future directions in the domains of **fluid dynamics, heat transfer, and thermofluid systems**.

INCOTHERM 2025 will feature **plenary and keynote lectures, technical paper presentations, and panel discussions** on diverse and contemporary topics including **multiphase flow, experimental and computational fluid dynamics, microfluidics, clean energy and energy storage, refrigeration and HVAC, aerodynamics, thermal management, and AI/ML applications in heat transfer and fluid flow**.

Prominent experts from premier global institutions will address the conference, including **Prof. P.S. Lee (NUS, Singapore), Prof. B.B. Saha (Kyushu University, Japan), Prof. S.K. Das (IIT Madras), Prof. M. Ramgopal (IIT Kharagpur), Prof. A. Agrawal (IIT Bombay), and Prof. S. Ansumali (JNCASR, Bangalore)**, among others.

Highlighting the importance of the event, **Prof. Somnath Chattopadhyaya**, Chairman, INCOTHERM 2025 and Head of the Department of Mechanical Engineering, IIT (ISM) Dhanbad, said,

“INCOTHERM 2025 is a significant platform that aligns with our institute's centenary vision of advancing interdisciplinary research and fostering global academic collaboration in thermofluid sciences.”

Prof. Pawan Kumar Singh and **Prof. Deepak Kumar Mandal**, Joint Conveners of the conference, emphasized that the event will provide a forum for researchers to share pioneering work and engage in discussions that could drive the next phase of innovations in sustainable thermal and fluid systems.

Adding to this, **Prof. Satyabrata Sahoo** and **Prof. Subramanian Narayanan**, Co-Conveners of INCOTHERM 2025, noted,

“The conference aims to bridge the gap between theoretical advancements and industrial applications, promoting new insights into energy efficiency, clean technologies, and thermal management strategies.”

With participants expected from India and abroad, INCOTHERM 2025 is poised to serve as a **global knowledge exchange hub**, reinforcing IIT (ISM) Dhanbad's commitment to research excellence and innovation as it celebrates 100 glorious years of its academic journey.

Rajni Singh

Dean (Corporate Communications)