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PRESS-RELEASE

IIT (ISM) Dhanbad inaugurates GIAN Course on Hydrodynamic Stability

The Department of Mathematics and Computing, IIT (ISM) Dhanbad, inaugurated a **one-week GIAN Course on *"Introduction to Hydrodynamic Stability"*** today at the TEXMiN Hall of the institute.

The programme was inaugurated in the esteemed presence of **Prof. Sergey A. Suslov, Professor of Applied Mathematics, Swinburne University of Technology, Australia**, who graced the occasion as the Chief Guest and Foreign Faculty. Prof. Suslov, an internationally acclaimed researcher in theoretical fluid mechanics and nonlinear wave phenomena, will deliver expert lectures throughout the course.

The event was held under the patronage of Prof. Sukumar Mishra, Director, IIT (ISM) Dhanbad, and Prof. Keka Ojha, Dean (Continuing Education Programme, CEP). Prof. S. P. Tiwari, Head of the Department of Mathematics & Computing and GIAN Course Coordinator at IIT (ISM), along with Prof. Santimoy Kundu, Associate Professor, Department of Mathematics & Computing, played key roles in convening the course.

This five-day course (September 15–19, 2025), organized under the Government of India's Global Initiative of Academic Networks (GIAN), is designed to introduce students, researchers, and faculty members to the principles and applications of hydrodynamic stability. The lectures and tutorials will cover fundamental concepts, nonlinear stability analysis, and computational practices, with hands-on sessions supported by MATLAB.

Speaking on the occasion, Prof. Suslov emphasized the significance of hydrodynamic stability studies in understanding complex fluid flow phenomena, ranging from natural processes to engineering applications.
The course has attracted participation from students, research scholars, and faculty members from across the country. It is expected to enrich participants with advanced theoretical and practical insights into fluid dynamics, fostering interdisciplinary learning and research collaborations**.**

Rajni Singh
Dean (Corporate Communications)