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PRESS-RELEASE

IIT (ISM) Dhanbad Hosts Inaugural of National Conference on Mathematical Analysis and Applications (NCMAA-2025)

The Department of Mathematics & Computing, Indian Institute of Technology (Indian School of Mines) Dhanbad, inaugurated the three-day *National Conference on Mathematical Analysis and Applications (NCMAA-2025)* today at the Golden Jubilee Lecture Theatre of the institute. The conference will run from September 4–6, 2025.

Shri Tirthankar Bhattacharyya, FASc, FNA, FNASc, J C Bose Fellow, Department of Mathematics, Indian Institute of Science, graced the occasion as the Chief Guest. The inaugural session was also graced over by Prof. M.K. Singh, Dean (Academic), IIT (ISM) Dhanbad, and attended by Prof. S.P. Tiwari, Head, Department of Mathematics & Computing. Prof. Akhilesh Prasad, Convenor of NCMAA-2025, and Prof. A. Antony Selvan, Co-convenor & Organizing Secretary, also played key roles in the organization of the event.

The conference brings together eminent researchers, academicians, and young scholars from across the country to deliberate on recent developments in mathematical analysis and its diverse applications. The discussions will span areas such as integral transforms, Fourier analysis, Sobolev spaces, approximation theory, wavelet analysis, pseudo-differential operators, distributions, elliptic equations, and applications in signal and image processing.

Highlighting the importance of the field, experts emphasized that mathematical analysis forms the backbone of many branches of mathematics, including differential and integral calculus, functional and harmonic analysis, differential equations, and probability theory, with wide-ranging applications in science, technology, and industry.

NCMAA-2025 aims to foster interdisciplinary dialogue, encourage collaboration among young researchers, and strengthen the mathematical community while charting new directions for impactful research in pure and applied mathematics.

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