



भारतीयप्रौद्योगिकीसंस्थान (भारतीयखनिविद्यापीठ), धनबाद Indian Institute of Technology (Indian School of Mines), Dhanbad

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PRESS-RELEASE

National Conference on Nonlinear Analysis, Control and Optimization Begins at IIT (ISM) Dhanbad

The Department of Mathematics and Computing at the Indian Institute of Technology (Indian School of Mines), Dhanbad, inaugurated the **three-day National Conference on Nonlinear Analysis, Control and Optimization (NACO-2025)** on July 3, 2025 at the TEXMiN auditorium.

The event was formally inaugurated by **Prof. Sukumar Mishra, Director, IIT (ISM) Dhanbad**, who graced the occasion as the Chief Guest. **Prof. S.K. Neogy from the Indian Statistical Institute (ISI), Delhi**, attended as the Guest of Honour. The ceremony also witnessed the presence of **Prof. S.P. Tiwari**, Head of the Department of Mathematics and Computing; **Prof. Anurag Jayswal**, Convenor of NACO-2025; and **Prof. B.S. Kushvah**, Co-Convenor.

The conference, being held from **July 3 to 5, 2025**, aims to bring together leading researchers, academicians, and practitioners to deliberate on the latest developments in the fields of **nonlinear analysis, control theory, and optimization**. These mathematical disciplines have seen significant growth in recent decades, with broad applications across control systems, economics, engineering, and other scientific domains.

In his inaugural address, Prof. Mishra emphasized the vital role of mathematical research in addressing real-world challenges through interdisciplinary integration. Prof. Neogy highlighted the importance of optimization techniques and nonlinear methods in advancing theoretical and applied sciences.

The conference is designed as a platform for **young researchers and scholars** to gain exposure to cutting-edge research and to interact with distinguished experts from across the country. A series of invited lectures and technical sessions will focus on emerging trends in continuous optimization, control theory, variational analysis, stability of systems, and their diverse applications.

The deliberations during the conference are expected to foster collaboration, stimulate new ideas, and contribute to the global research community working on nonlinear and optimization problems.

Rajni Singh
Dean (Corporate Communications)