



भारतीय प्रौद्योगिकी संस्थान (भारतीय खनि विद्यापीठ), धनबाद Indian Institute of Technology (Indian School of Mines), Dhanbad

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PRESS-RELEASE

Over 200 Delegates Gather for the 24th National Conference on Atomic and Molecular Physics (NCAMP 2025) at IIT (ISM) Dhanbad; Participate in Meaningful Scientific Interaction and Knowledge Sharing in Area Atomic, Molecular and Optical Physics.

Over 200 delegates from more than 100 institutes across India and abroad convened today at the Indian Institute of Technology (Indian School of Mines) [IIT (ISM)] Dhanbad to participate in the 24th National Conference on Atomic and Molecular Physics (NCAMP 2025). The four-day event, organized by the Indian Society of Atomic and Molecular Physics (ISAMP) in collaboration with the Department of Physics at IIT (ISM), will run from January 8 to January 11, 2025.

The conference aims to foster meaningful scientific interaction and knowledge sharing among students, early-career researchers, and established scientists in the atomic, molecular, and optical physics community. Through plenary and invited talks, oral and poster presentations, and vibrant discussions, participants will showcase their research and stay updated on emerging theoretical and experimental advancements.

Golden Jubilee Celebration of ISAMP

NCAMP 2025 also marks the Golden Jubilee of the Indian Society of Atomic and Molecular Physics, which was established in 1976. A special session this afternoon will commemorate this milestone, along with an election to constitute the society's new committee.

Inaugural Highlights

The event was inaugurated by Prof. Sukumar Mishra, Director of IIT (ISM), in the presence of Shri Bhas Bhatpat from the Indian Institute of Science Education and Research (IISER), Pune. In his keynote address, Prof. Mishra emphasized the interdependence of science, technology, and policy, stating, "Science, technology, and policy must synchronize for meaningful outcomes. Fundamental ideation begins with basic science, matures into technology, and ultimately transforms ideas into products, driving economic growth when integrated into policy."

Shri Bhas Bhatpat reflected on the evolution of atomic physics, stating, "What began as a focus on spectroscopy and collisions has expanded into diverse fields, including quantum technologies. It's fitting that we celebrate the Golden Jubilee of ISAMP alongside 100 years of quantum theory, which traces its roots to observations in atomic physics."

Scientific Program Highlights

Prof. Bobby Antony, Head of the Department of Physics at IIT (ISM), outlined the rich scientific program of NCAMP 2025. "The conference will feature 20 invited talks, 6-8 young scientist presentations, 40 oral presentations, and 120 poster presentations," he noted.

Vote of Thanks

The inaugural session concluded with a vote of thanks delivered by Prof. P.M. Sarun, expressing gratitude to the participants, speakers, and organizing teams for their contributions to making the event a success.

NCAMP 2025 promises to be an intellectually enriching event, driving discussions that bridge fundamental research and technological advancements in atomic and molecular physics.

Rajni Singh

Dean (Corporate Communications)