



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

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PRESS-RELEASE

IIT (ISM) Dhanbad Launches 24-Week AICTE-QIP PG Certificate Program on “Robotics and 3D Printing”

The Department of Mechanical Engineering, IIT (ISM) Dhanbad, commenced the prestigious AICTE-QIP Postgraduate Certificate Program on “*Robotics and 3D Printing*” on June 23, 2025. This 24-week intensive program, scheduled to run until December 24, 2025, is being conducted under the Quality Improvement Program (QIP) scheme of AICTE and aims to advance academic and technical competencies in modern manufacturing technologies.

The inaugural session, held on June 23, was graced by **Prof. M. K. Singh**, Dean (Academic), and **Prof. Somanth Chattopadhyaya**, Head of the Department of Mechanical Engineering. Faculty coordinators **Prof. Amit Rai Dixit** and **Prof. Alok Kumar Das** welcomed the participants and shared insights into the program objectives. The launch witnessed active participation from faculty members of AICTE-approved engineering institutions from across the country.

The course structure comprises a well-integrated blend of theoretical lectures, hands-on laboratory modules, simulation-based training, and industry-oriented case studies, covering cutting-edge topics in robotics, additive manufacturing, and industrial automation. The program is designed to empower faculty participants with updated knowledge, practical skills, and innovative pedagogical tools essential for teaching and research in advanced manufacturing domains.

Marking a milestone in continuity and excellence, this is the **second consecutive year** that the Department of Mechanical Engineering has been entrusted with this high-impact initiative by AICTE. The previous edition, conducted during the 2024–25 academic session, was met with highly appreciative feedback from participants and academic stakeholders.

This initiative underscores IIT (ISM) Dhanbad’s commitment to academic excellence, interdisciplinary research, and its strategic role in bridging the gap between academia and industry in the field of smart and sustainable manufacturing.

Rajni Singh

Dean (Corporate Communications)