



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

*For Immediate Release; January 27, 2026*

## **PRESS-RELEASE**

### **EDP on Productivity, Safety and Sustainable Mining Inaugurated at IIT (ISM) Dhanbad**

The three-day Executive Development Programme (EDP) on “**Enhancing Productivity, Safety and Sustainable Management of Mining Industry**” commenced at **TEXMiN, 3rd Floor, i2h Building**, IIT (ISM) Dhanbad, with the participation of **12 professionals** from the mining and allied sectors. Organized by the Department of Mechanical Engineering, the programme focuses on strengthening productivity, safety standards, and sustainable practices in modern mining operations through technology-driven approaches and interdisciplinary learning.

The inaugural session was addressed online by the Chief Guest, **Dr. Siddhartha Misra, Chief Process Research, R&D, Tata Steel**, who emphasized the growing role of research, process optimization, and digital transformation in ensuring safer and more efficient mining systems. The session was held in the presence of the Guests of Honour, **Prof. Somnath Chattopadhyaya, Head, Department of Mechanical Engineering; Prof. Bhanwar Singh Choudhary, Head, Department of Mining Engineering; and Prof. Tanmoy Maity, Associate Dean, International Relations and Alumni Affairs**, along with the Programme Coordinator, **Prof. L. A. Kumaraswamidhas**, who were present during the inaugural programme and highlighted the institute’s continued engagement with industry through executive education, research collaboration, and technology outreach.

The programme is being coordinated by **Prof. L. A. Kumaraswamidhas**, with **Prof. Rajni Singh, Professor of English** from the Department of Humanities & Social Sciences who also happens to be **the Dean of Corporate Communications** of IIT (ISM) and **Prof. Shashank Bansal** from the Department of Management Studies & Industrial Engineering serving as Co-Coordinators, whose roles in shaping the academic and managerial dimensions of the programme were acknowledged as part of the broader organizing team.

During **Day 1**, the participants learnt about digital mining approaches aimed at enhancing safety, sustainability, and human-machine dynamics; essential safety measures and best practices in mining; methods to improve productivity, safety, and sustainable management of surface miners in blastless mining operations; and techniques for enhancing mining efficiency and equipment safety through rheological and tribological innovations. The sessions provided a blend of technological knowledge and practical perspectives aligned with current industry needs.

The EDP reflects IIT (ISM) Dhanbad’s ongoing efforts to bridge academic expertise with industry requirements, contributing to the development of skilled leadership for a safer, more productive, and sustainable mining sector.

Rajni Singh  
**Dean (Corporate Communications)**