

WHO SHOULD ATTEND

Senior and mid-level executives from mining companies, Safety officers and managers in the mining industry, Engineers and maintenance professionals working with mining equipment, Health and safety professionals from regulatory bodies, Researchers and academicians in mining and safety engineering, Government officials involved in mining safety regulations, Equipment manufacturers and suppliers, Consultants in mining health and safety practices.

ORGANIZATIONS WHICH CAN BENEFIT

Mining and Exploration Companies, Government Regulatory and Research Organizations, Mining Equipment Manufacturers and Service Providers, Academia and Research Institutions, Safety and Environmental Organizations.

COURSE FEE

RESIDENTIAL: ₹ 25,000/- plus GST per participant with twin-share AC room, inclusive of B/F, Lunch & Dinner.

NON-RESIDENTIAL: ₹ 23,000/- plus GST per participant inclusive of B/F & Lunch.

The course fee includes the comprehensive course materials with boarding & lodging.

DISCOUNT:

₹ 24,000/- plus GST per resident participant if more than 4 (four) participants from an organization.

₹ 22,000/- plus GST per non-resident participant if more than 4 (four) participants from an organization.

LAST DATE OF NOMINATION

05.05.2025

ABOUT IIT (ISM)

Standing tall since 1926, the Indian Institute of Technology (Indian School of Mines) is steadily sailing through the millennium change and has emerged as one of the most prominent institutions. IIT (ISM) is an Institute of National Importance with full functioning of 17 branches of Engineering, Applied Sciences, Management Studies, and Humanities. Situated in India's mineral-rich belt in Dhanbad, IIT (ISM) has long centenary credentials to outperform achievements/contributions in academia and industry. The participants will be provided with the following facilities: Single/double seated A/C furnished room, A/C classrooms with audio-video multi-media systems, reading room with television, computer with Internet facilities, and indoor/outdoor games.

BACKGROUND

Mining is one of the most hazardous industries, requiring strict adherence to health and safety regulations to minimize accidents and equipment failures. The reliability and safety of mining equipment play a crucial role in ensuring operational efficiency, worker safety, and regulatory compliance. Poor maintenance, inadequate safety measures, and operational inefficiencies often lead to unplanned downtime, increased operational costs, and workplace hazards.

To address these challenges, the Department of Mechanical Engineering, IIT (ISM) Dhanbad, is organizing an Executive Development Program (EDP) on Mining Equipment Health and Safety Practices. This program aims to provide industry professionals with in-depth knowledge of modern safety protocols, predictive maintenance strategies, and technological advancements that enhance the longevity and efficiency of mining machinery while ensuring compliance with safety standards.



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MICR CODE : 826015003
GSTIN : 20AAAAIO686D12A
PAN : AAIO686D
LEGAL NAME : INDIAN INSTITUTE OF TECHNOLOGY (INDIAN SCHOOL OF MINES) DHANBAD

HOW TO APPLY

The participants may register online using the following Google form link: <https://bit.ly/3PmLUZU>



The registration fee may be transferred online to the bank account as mentioned. Please attach the payment receipt along with the Google form for registration.

COORDINATOR



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OBJECTIVE OF THE COURSE

✓ THE PRIMARY OBJECTIVES OF THIS PROGRAM ARE:

1. To familiarize participants with the latest advancements in mining equipment health monitoring and maintenance.
2. To provide insights into risk assessment, safety regulations, and best practices in mining operations.
3. To introduce predictive maintenance techniques using condition monitoring, IoT, and AI-based diagnostics.
4. To discuss case studies and real-world applications of safety protocols in the mining industry.
5. To enhance decision-making skills for improving equipment reliability and minimizing operational risks.

This program is designed for mining engineers, safety officers, maintenance professionals, and decision-makers working with mining equipment health and safety practices.



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IIT (ISM)
DHANBAD
1926-2026



Executive Development Program on "Mining Equipment Health and Safety Practices"



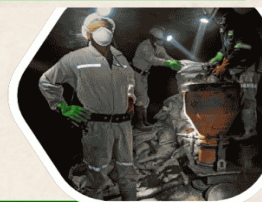
21ST - 23RD MAY 2025

Organized By

DEPARTMENT OF MECHANICAL ENGINEERING

INDIAN INSTITUTE OF TECHNOLOGY (ISM) DHANBAD

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COURSE CONTENTS

- ✓ MODULE 1: Introduction to Mining Equipment Health and Safety
- ✓ MODULE 2: Safety Regulations and Compliance
- ✓ MODULE 3: Condition Monitoring and Predictive Maintenance
- ✓ MODULE 4: Risk Assessment and Hazard Control
- ✓ MODULE 5: Case Studies and Best Practices
- ✓ MODULE 6: Hands-on Training and Demonstration

This program will be conducted by experienced faculty members from IIT (ISM) Dhanbad, industry experts, and regulatory professionals. Participants will receive a certificate upon successful completion of the course.

