



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

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PRESS-RELEASE

IIT (ISM) Dhanbad launches intensive training on PLC systems for mining applications

A five-day intensive training programme on “*Working with Programmable Logic Controller (PLC) – Programming, Troubleshooting & Mining Applications*” commenced today at IIT (ISM) Dhanbad. The training is being conducted by the Department of Electrical Engineering from **July 7 to July 11, 2025**, and is aimed at enhancing technical competencies in PLC systems, especially in mining environments.

The programme was inaugurated at the Executive Development Centre lounge of the institute by **Prof. Dheeraj Kumar**, Deputy Director, IIT (ISM) Dhanbad and **Shri Ajay Singh**, Deputy Director (Electrical), Directorate General of Mines Safety (DGMS). Also present during the inauguration were **Prof. Sukanta Das**, Head of the Department of Electrical Engineering, **Prof. Sanjoy Mondal**, Associate Dean (Students’ Activities) and Programme Coordinator, and **Prof. Tanmoy Maiti**, Co-Coordinator from the Department of Electrical Engineering.

Prof. Sanjoy Mondal informed that a total of **22 executives** from prominent public sector companies such as **Hindustan Copper Limited, BEML Ltd. (Bharat Earth Movers Limited), Neyveli Lignite Corporation (NLC), Bharat Coking Coal Limited (BCCL)**, and **Uranium Corporation of India Limited** are participating in the programme.

The training is structured to provide participants with comprehensive knowledge and hands-on experience in **PLC programming, system design, fault diagnostics**, and integration with mining equipment. Real-time applications, maintenance strategies, and the use of industry-standard PLC kits form a significant part of the practical sessions. The programme aims to upskill engineers, technicians, and operations personnel working in automation, instrumentation, and maintenance roles in the mining sector.

Participants will gain valuable insights through expert lectures, practical sessions, and interactions with faculty members and industry peers involved in mining automation and electrical systems.

Rajni Singh
Dean (Corporate Communications)