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PRESS-RELEASE

IIT (ISM) Hosts National Seminar on Standardization in Mining Equipment and Earth-Moving Machinery

IIT (ISM) Dhanbad, in collaboration with the Bureau of Indian Standards (BIS), successfully conducted a national seminar on “Standardization in the Field of Mining Equipment and Earth Moving Machinery”, bringing together scientists, policymakers, industry leaders and academicians for detailed deliberations on the evolving landscape of mining standards. The programme began with the Welcome Address delivered by Shri Kumar Animesh, Scientist E and Head, Mechanical Engineering Department, BIS, who set the tone for the day by highlighting the significance of harmonized standards in mining and earth-moving operations.

The inaugural session underscored the growing national emphasis on developing robust standardization practices aligned with global benchmarks. IIT (ISM) Dhanbad’s Prof. Sarat Kumar Das, Dean (Faculty) and BIS Chair Professor, highlighted the institute’s ongoing commitment to contributing to India’s standardization ecosystem and strengthening research collaboration with BIS to support industry-ready advancements in mining technology.

The technical sessions featured a diverse range of subject experts. Shri Shubham Tiwari, Scientist D/Joint Director, BIS, spoke on the overview of standardization and Indian Standards related to mining equipment and techniques. Shri Shubham Yadav, Scientist C/Deputy Director, BIS, discussed guidelines for R&D projects and standards associated with earth-moving machinery. Shri P. K. Singh, Deputy Director General (Mechanical), Directorate General of Mines Safety, deliberated on regulatory frameworks governing mining and machinery safety. Emerging technologies and gap areas in earth-moving equipment were addressed by Shri Shankara Narayanan, Country Manager, Caterpillar India Pvt. Ltd., while Dr. L. A. Kumaraswamidhas, Professor at IIT (ISM) Dhanbad, elaborated on the latest trends, technological developments and gap areas in mining techniques and equipment. The session also included an overview of BIS conformity assessment schemes presented by Shri Prabhu Nath Yadav, Scientist E and Director, BIS Jamshedpur Branch Office.

The seminar concluded with the Vote of Thanks delivered by Shri Shubham Yadav, who acknowledged the contributions of all speakers, participants and the IIT (ISM) team. The day-long deliberations reinforced the relevance of standardization in ensuring safety, efficiency and technological growth in India’s mining and earth-moving machinery sectors, while also reaffirming IIT (ISM) Dhanbad’s role as a national leader in mining research, training and industry collaboration.

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