



Centenary Lecture Series-7

Sri Krishna Kumar Pandey Highlights Industrial Challenges and Research Scope in Steel Manufacturing at IIT (ISM) Dhanbad's Centenary Lecture Series – 7.

As part of the Centenary Lecture Series commemorating 100 years of excellence in engineering education and research, the Department of Mechanical Engineering, IIT (ISM) Dhanbad had the privilege of hosting **Sri Krishna Kumar Pandey**, Chief General Manager, Roll Shop & HRCF (Hot Rolled Coil Finishing), **SAIL – Bokaro Steel Plant**, for its seventh distinguished lecture.

In his lecture titled **“Industrial Issues in Steel Plant and the Research Opportunities”**, Sri Pandey offered an in-depth overview of the operational challenges faced in large-scale steel manufacturing. Drawing on his extensive experience at SAIL, he discussed real-world complexities in rolling operations, equipment maintenance, surface quality management, and production optimization. He also emphasized the need for industry-academia collaboration in solving practical problems through applied research and innovation, identifying several pressing research areas for students and scholars.

The session was held at the Department of Mechanical Engineering and was attended by **Prof. Amitava Mandal, Head of the Department (Acting) (Mechanical Engineering)**, **Prof. Alok Kumar Das, Dean (Innovation, Incubation & Entrepreneurship)**, and **Prof. N.K. Singh**, along with other senior faculty members. The lecture sparked vibrant discussions among faculty, researchers, and students, especially those with a keen interest in metallurgy, manufacturing systems, and industrial automation.

The event was coordinated by Prof. Abhijeet Sethi, Coordinator, Centenary Lecture Series, Mechanical Engineering Department.

Continuing its legacy of academic-industrial synergy, the Centenary Lecture Series at IIT (ISM) Dhanbad remains a platform for knowledge exchange and innovation as the institute celebrates its 100-year journey.



About Sri Krishna Kumar Pandey

Sri Krishna Kumar Pandey, completed B.Tech. in Mining Engineering from IIT(ISM) Dhanbad in 1992. Started career in SAIL as MTT, worked 18 years in different mines of SAIL. Then worked in Hot strip Mill at SAIL/RSP for 8 years. After that worked as General Manager/HOD of Energy Management Department in SAIL/RSP (Rourkela Steel Plant) for 3 yrs. Then worked as GM/HOD in Roll shop/SAIL-RSP for 1.5 yrs. After that promoted to Chief General Manager /ROLL SHOP/SAIL-BSL in 2023 and till now working as CGM/ROLL SHOP