



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

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## **PRESS-RELEASE**

### **IIT (ISM) Dhanbad Launches Innovative STEM Education Initiative for Project Affected Persons; a team of Department of Management Studies and Industrial Engineering spearheading the initiative visits Upgraded High School, Nagrikala in Baghmara today.**

The Indian Institute of Technology (ISM) Dhanbad has launched a pioneering initiative aimed at providing high-quality (Science, Technology, Engineering and Mathematics) STEM education to the children of Project Affected Persons (PAP) associated with Bharat Coking Coal Limited (BCCL). This initiative, established through a Memorandum of Understanding (MoU) with BCCL, seeks to bridge educational gaps and equip students with essential skills for success in the modern world.

On November 16, 2024, a dedicated team from the Department of Management Studies & Industrial Engineering at IIT (ISM) Dhanbad visited Upgraded High School, Nagrikala Baghmara, where they conducted interactive STEM sessions for 140 students. The sessions were designed to foster curiosity and enhance learning outcomes through practical scientific education, emphasizing hands-on experiences that allow students to explore scientific concepts directly.

The initiative is led by Prof. Rashmi Singh, Assistant Professor in the Department of Management Studies and Industrial Engineering, who spearheaded the interactive sessions with Class IX and X students. The engaging learning environment created during these sessions aimed to cultivate curiosity and strengthen educational outcomes among the participants.

Joining Prof. Singh was a team of comprising of Prof. Niladri Das, Associate Professor and Co-Principal Investigator, along with other members Nilesh Kumar, Sunny Kumar, Deep Choudhry, and Sumana Banerjee. Together, they simplified the complexities of STEM education through practical experiments, making the learning process both enjoyable and informative.

The event also saw the participation of BCCL's Corporate Social Responsibility Department, led by Kumar Manoj, General Manager (CSR), and Shri Abhijeet Mitra, CSR Manager, who were present to support the initiative and witness the positive impact on the students.

This innovative initiative by IIT (ISM) Dhanbad represents a significant step towards empowering underprivileged students, particularly those affected by industrial projects, by providing them with the tools and knowledge necessary for future success. The institute remains committed to enhancing the quality of education in state-run schools and fostering a generation of skilled and knowledgeable individuals.

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