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PRESS-RELEASE

IIT (ISM) embarks on a unique initiative to impart STEM education to the children of Project Affected Persons of BCCL through innovative teaching techniques; the initiative launched as per a MoU signed with BCCL to bridge the gap and equip students with necessary skills to thrive in the modern world.

A team of the Department of Management Studies & Industrial Engineering of IIT (ISM) today visited two different state-run schools in Jharia, including KC Girls High School, Jharia, and Jharia Academy, Jharia, and imparted hands-on STEM classes and carried out various experiments, like the lava lamp experiment, the candle oxygen experiment, the egg water density test, and also algebra experiments in mathematics, before 450 students of both schools.

The visit was part of the innovative initiative of the Department of Management Studies & Industrial Engineering at the Indian Institute of Technology (ISM) Dhanbad to enhance STEM education for underprivileged students, with a special focus on the children of Project Affected Persons (PAP).

This initiative launched as per the MoU signed by IIT (ISM) with BCCL on July 22 aims to develop strategic interventions through innovative teaching techniques, helping bridge the educational gap and equip students with the necessary skills and knowledge to thrive in the modern world.

The team led by Prof. Rashmi Singh, Assistant Professor of the Department of Management Studies and Industrial Engineering, as Principal Investigator of the Project titled "Development of Strategic Interventions through Innovative Techniques to Provide STEM Education among Underprivileged Students with Special Emphasis on PAP (Project Affected Persons) Students in Dhanbad," which first reached KC Girls School Jharia, interacted with the students of Class IX and X and later also held a session for boys of Class IX and X of Jharia Academy Jharia.

The team, comprising Prof. Niladri Das, Associate Professor of the Department of Management Studies and Industrial Engineering, and as Co-PI, along with other members, including Deep Choudhury, Anand Chandra Sahu, Sunny Kumar, and Partha Ojha, during their stay at the institute, tried to simplify the intricacies of STEM learning through experiments.

A team of the Corporate Social Responsibility Department of BCCL, led by Shri Bidyut Saha, General Manager (CSR), and Shri Abhijeet Mitra, CSR Manager, were also present during the session held this morning.

Rajni Singh

Dean (Corporate Communications)