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PRESS RELEASE

IIT (ISM) Ignites STEM Learning Among BCCL Area Students Through Innovative Teaching

Bringing science alive beyond textbooks, the Indian Institute of Technology (Indian School of Mines), Dhanbad is nurturing scientific curiosity among students from BCCL operational areas through an innovative STEM (Science, Technology, Engineering and Mathematics) education initiative supported under the Corporate Social Responsibility (CSR) programme of Bharat Coking Coal Limited (BCCL).

The programme is currently benefiting students of Classes IX and X at Bhagirath Brahmachari High School, Rajganj (Baghmara), KGBV Jharia, and another participating school in the BCCL command area. Through regular visits, IIT (ISM) faculty members and experts are transforming conventional classrooms into interactive learning spaces where students explore scientific concepts through logical reasoning, digital tools, hands-on experiments, and activity-based learning.

Implemented by the Department of Management Studies and Industrial Engineering, the initiative is being carried out under the guidance of Prof. Rashmi Singh, Programme Coordinator, and Prof. Niladri Das, Programme Co-Coordinator. The sessions are designed to strengthen conceptual understanding while fostering critical thinking, creativity, analytical skills, and problem-solving abilities among young learners. Beyond enhancing classroom learning, the programme seeks to ignite students' interest in pursuing higher education and careers in Science, Technology, Engineering and Mathematics, particularly among underprivileged and Project Affected Person (PAP) communities.

Appreciating the initiative, Shri Anand Kumar, Principal of Bhagirath Brahmachari High School, said, "The activity-based teaching methods adopted by IIT (ISM) experts have made science learning more engaging and enjoyable for our students. The programme is significantly enhancing their confidence and understanding of STEM subjects."

Echoing similar views, Smt. Sunita Shaw, Principal of KGBV Jharia, said, "Exposure to IIT (ISM)'s innovative teaching techniques is inspiring our students to think scientifically and dream of higher education in engineering and technology. Such initiatives can create a lasting impact on their academic journey." Teachers and students have also welcomed the initiative, noting that the sessions make complex scientific concepts easier to understand while encouraging curiosity and active participation in the classroom. Regular STEM classes will continue throughout the programme, ensuring sustained academic support and creating a strong foundation for future scientific learning among students in the region.

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