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PRESS RELEASE

STEM Education Workshop Held at IIT (ISM) Dhanbad Under BCCL CSR Initiative

A one-day STEM Education Workshop for students from Project Affected Person (PAP) families and underprivileged communities of BCCL operational areas was organised at the Penman Auditorium of IIT (ISM) Dhanbad on Wednesday under a CSR initiative funded by Bharat Coking Coal Limited (BCCL). More than 550 students from government schools participated in the programme titled “Promoting STEM Education for Underprivileged and PAP Students through Innovative Techniques: A Logical, Digital and Experimental Learning Approach.”

Addressing the gathering as Chief Guest, Shri Manoj Kumar Agrawal, Chairman-cum-Managing Director (CMD), BCCL, said the initiative would play an important role in realising the vision of Viksit Bharat 2047 by encouraging children towards science, technology and innovation. He appreciated the efforts of IIT (ISM) faculty members Prof. Rashmi Singh and Prof. Niladri Das for taking STEM education beyond campus boundaries and reaching government school students. He also highlighted BCCL’s continued commitment towards education and community development through CSR initiatives.

Prof. Dheeraj Kumar, Deputy Director of IIT (ISM), said STEM education lays the foundation for ideation, innovation and incubation among students. He stressed that quality education should not remain limited to private schools and proposed the establishment of advanced tinkering laboratories in selected government schools with BCCL support.

District Education Officer Shri Abhishekh Jha said STEM education would help students develop scientific temper, rational thinking and problem-solving skills. He termed the collaboration between IIT (ISM) and BCCL a major opportunity for government school students to access advanced scientific learning.

Prof. Rashmi Singh, Project Coordinator explained that the initiative, started in 2021, aims to promote logical, digital and experiential learning among rural and underprivileged students. Prof. Niladri Das welcomed the dignitaries and highlighted IIT (ISM)’s commitment towards inclusive educational development.

The programme focused on promoting STEM education — Science, Technology, Engineering and Mathematics — among children from PAP families and government schools through practical demonstrations, experiments and digital learning methods. Participating PAP students also filled registration and feedback forms as part of the programme activities.

After the inaugural session, students visited the TexMiN Innovation Hub, Robotics Laboratory, Geological Museum, Atal Community Innovation Centre (ACIC), Central Library and Student Activity Centre (SAC) of IIT (ISM). Interactive sessions, exposure visits and demonstrations were organised to provide students with hands-on experience in emerging technologies and scientific innovation. Awards were also distributed to students during the programme.

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