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PRESS-RELEASE

GeoNX-2026 Begins at IIT (ISM) Dhanbad with Focus on Slope Stability, Tunnelling and Open Pit Mining

The Department of Mining Engineering of IIT (ISM) Dhanbad on Friday inaugurated the two-day Expert Discussion and Hands-on Training Program on “Slope Stability, Tunnelling and Open Pit Mining using MIDAS GTS NX (GeoNX-2026)” at the TEXMiN Smart Classroom, I2H Centre of the institute. The programme is being organised from May 8 to May 9 with participation of 84 attendees, including students, faculty members, researchers and industry professionals.

The inaugural session was graced by Prof. Dheeraj Kumar, Deputy Director, IIT (ISM) Dhanbad, who presided over the function. Other dignitaries present on the dais included Prof. Keka Ojha, Dean (CEP); Prof. R.K. Sinha, Acting Head, Department of Mining Engineering; and Prof. Swapnil Mishra, Coordinator of GeoNX-2026.

Welcoming the participants, Prof. Swapnil Mishra highlighted the growing importance of numerical modelling and advanced geotechnical analysis in underground excavation, tunnelling and mine slope stability. She said the programme aims to bridge academic learning with practical industry applications through expert discussions and hands-on sessions.

Following the inaugural ceremony, the first day featured expert lectures and practical sessions on geotechnical modelling, tunnel and slope analysis, and open pit mine excavation using MIDAS GTS NX software. Sessions were conducted by experts including Dr. Sowmiya Chawla, Associate Professor, Department of Civil Engineering, IIT (ISM), Mr. Chiranjib Sarkar, Principal Engineer of GEOCONSULT India, and Dr. Siddharth Pathak, Technical Support Engineer at MIDAS.

The second day on May 9 will include advanced sessions on 2D and 3D tunnel analysis, numerical modelling of underground excavations, and additional hands-on training modules, followed by valedictory and certificate distribution sessions.

Rajni Singh

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