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PRESS-RELEASE

IIT (ISM) Dhanbad Drives Digital Transformation Among Tribal Youth with High-Impact IT Training Initiative

In a decisive push towards inclusive and future-ready education, IIT (ISM) Dhanbad is implementing a **Capacity Building & Training Program on Basic and Advanced IT & Computer Skills for tribal students** in Jharkhand under the **Centre of Excellence Scheme of the Ministry of Tribal Affairs, Government of India**. Spearheaded by **Prof. Rashmi Singh (Operations & Analytics)** and **Prof. Niladri Das (Finance)** from the Department of Management Studies and Industrial Engineering (DMSIE), the programme is designed as a **structured, outcome-driven intervention to bridge the digital divide and enhance employability among tribal youth**.

As part of its rigorous academic framework, a **Mid-Semester Examination and Intensive Hands-on Practical Training Visit** is being conducted on **March 18–19, 2026** at **EMRS Tamar, Ranchi** and **EMRS Kujra, Lohardaga** for students of Classes X, XI, and XII. The exercise integrates evaluation with real-time application, ensuring that learning outcomes are both measurable and meaningful.

The programme adopts a **multi-disciplinary pedagogical approach**, seamlessly combining analytics and finance perspectives to build strong digital competencies. Students are being trained in **MS Office applications, advanced spreadsheet tools, and Python programming**, with a clear focus on **data-driven decision-making, analytical thinking, and real-world problem-solving**. The curriculum goes beyond basic literacy, embedding technology within applied contexts such as financial analysis and operational insights.

The ongoing academic engagement emphasizes **competency-based assessments, continuous feedback mechanisms, and structured monitoring of digital infrastructure utilization**, ensuring accountability and quality in programme delivery. The evaluation process is rooted in data-driven insights, enabling continuous refinement of pedagogy and alignment with defined academic outcomes.

This initiative reflects IIT (ISM) Dhanbad's commitment to developing a **scalable and replicable model for digital empowerment among tribal communities**. By combining academic rigor with interdisciplinary learning and sustained assessment, the institute is contributing to the creation of **digitally proficient, future-ready tribal youth equipped to excel in higher education, competitive environments, and a rapidly evolving technology-driven economy**.

Rajni Singh
Dean (Corporate Communications)