



# भारतीय प्रौद्योगिकी संस्थान (भारतीय खनि विद्यापीठ), धनबाद Indian Institute of Technology (Indian School of Mines), Dhanbad

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## **PRESS-RELEASE**

**IIT (ISM) Dhanbad Achieves Remarkable Success During National Level Event; Secures 3rd Position at Hackathon 2024 on Innovative Mineral Hunt Techniques Organized by Geological Survey of India (GSI).**

The team sRCg from the Department of Applied Geophysics, IIT (ISM) Dhanbad, has achieved remarkable success by securing the **3rd position** in the **Hackathon 2024 on Innovative Mineral Hunt Techniques for Mineral Prognostication**, organized by the **Geological Survey of India (GSI)**.

The team, comprising **Litan Dutta, Dinesh Munda, Tanmay Singh, and Dr. G S Rao**, worked under the leadership of **Dr. Partha Pratim Mandal** and was recognized for their innovative approach and dedication to advancing new techniques in mineral exploration.

The prestigious event culminated in a grand **award ceremony** during the **64th Central Geological Programming Board (CGPB) Meeting** held recently in **Bhubaneswar, Odisha**. The team's contribution was highly appreciated, reflecting the institution's continued commitment to cutting-edge research in mineral exploration and geological sciences.

The ceremony was graced by esteemed dignitaries, including, **Shri V. L. Kantha Rao** (Secretary, Ministry of Mines & Chairman, CGPB); **Shri Asit Saha** (Director General, GSI); **Shri Sanjay Lohiya** (Additional Secretary, Ministry of Mines); **Dr. Joyesh Bagchi** (Additional Director General, GSI); **Shri Deb Kumar Bhattacharya** (Deputy Director General, GSI).

Adding to the significance of the occasion, **Prof. Sukumar Mishra, Director, IIT (ISM) Dhanbad**, was a special invitee to the meeting.

During the award presentation, **Shri V. L. Kantha Rao, Secretary, Ministry of Mines**, handed over the award to the IIT (ISM) team and appreciated their efforts in building **innovative solutions in mineral exploration using AI & ML techniques**. He also emphasized the potential for **multi-stakeholder collaboration and future advancements** in this field.

Representing the team, **Litan Dutta, Dinesh Munda, and Dr. Partha Pratim Mandal** attended the award distribution event in Bhubaneswar, where they had the prestigious opportunity to present their solution to leading experts in geological sciences.

This outstanding achievement is a **testament to the research excellence** at IIT (ISM) Dhanbad and the **academic leadership of Dr. Partha Pratim Mandal**. It underscores the team's technical expertise and reinforces the institution's commitment to pioneering research in **mineral exploration and geosciences**.

### **About IIT (ISM) Dhanbad:**

IIT (ISM) Dhanbad is a premier institute of national importance specializing in engineering, applied sciences, and cutting-edge research in **mining, geology, and geophysics**. The institute continues to push boundaries in scientific advancements, fostering innovation in collaboration with industry leaders and governmental organizations.

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