

For Immediate Release: September 30, 2025

## **PRESS-RELEASE**

### **Prof. Sanjit Kumar Pal Conferred with the National Geoscience Award 2024 by the President of India**

The Indian Institute of Technology (Indian School of Mines) Dhanbad, proudly announces that **Professor Sanjit Kumar Pal, Professor and Former Head of the Department of Applied Geophysics, IIT (ISM), has been conferred the prestigious National Geoscience Award 2024** by the Ministry of Mines, Government of India. The award ceremony was held on 26th September 2025 at Rashtrapati Bhavan, New Delhi, where the Hon'ble President of India, Smt. Droupadi Murmu, formally presented the award to Prof. Pal.

This recognition marks a significant milestone in Prof. Pal's illustrious academic and research career, underscoring his **exceptional contributions to the field of geophysics and geosciences**. Earlier this year, Ministry of Mines, Government of India had announced his selection for this national honour, which stands as the highest recognition in the field of geosciences in India.

Prof. Pal, an eminent academician and researcher, has made pioneering contributions spanning **UAV-based and Satellite Remote Sensing, Gravity and Magnetic Methods, Electrical Resistivity Tomography, Seismic Refraction and Cross-Hole Tomography, Ground Penetrating Radar, Induced Polarization, Very Low Frequency Electromagnetic (VLF-EM) Techniques**, and the integration of **Artificial Intelligence/Machine Learning** in multiparametric geophysical data analysis. His interdisciplinary work has had a profound impact in areas such as **near-surface and mining geophysics, mineral and groundwater exploration, geotechnical modelling, coal mine fire detection, environmental and engineering geophysics, archaeological studies, and agricultural applications**. With a **B.Sc. in Mathematics from the University of Burdwan, an M.Sc. Tech in Geophysics from Banaras Hindu University, and a Ph.D. in Geophysics from IIT Kharagpur**, Prof. Pal has established himself as one of the foremost figures in applied geophysics in India.

Speaking on this honour, Prof. Pal said, *"Receiving the National Geoscience Award from the Hon'ble President of India is one of the most cherished moments of my professional journey. I dedicate this recognition to my colleagues, collaborators, and students whose contributions and support have been invaluable. This award further strengthens my commitment to advancing geoscientific research for the benefit of society and the environment."*

IIT (ISM) Dhanbad congratulates Prof. Sanjit Kumar Pal on this exceptional achievement, which reflects the institute's tradition of excellence in research, innovation, and its commitment to addressing complex challenges in the geosciences.

Rajni Singh  
**Dean (Corporate Communications)**