



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

*For Immediate Release: November 20, 2025*

## **PRESS-RELEASE**

### **IIT (ISM) Dhanbad Strengthens Energy-Sector Research through Strategic MoU with ONGC**

The Indian Institute of Technology (Indian School of Mines) Dhanbad, has taken a significant step toward expanding its national leadership in energy-sector research and technological innovation by signing a non-binding Memorandum of Understanding (MoU) with Oil and Natural Gas Corporation Ltd. (ONGC). The agreement is designed to deepen industry-academia collaboration and accelerate indigenous R&D for India's energy future.

The MoU was signed by **Prof. Keka Ojha**, Dean (Continuing Education Program), IIT (ISM) Dhanbad, and **Shri Kuldip Mukherji**, Chief, Production JV Asset & Business Development Group (PJVA&BD), ONGC. The ceremony was graced by **Shri Arunangshu Sarkar**, Director (Strategy & Corporate Affairs), ONGC, and **Prof. Vikas Mahto**, Head, Department of Petroleum Engineering, IIT (ISM) Dhanbad.

As an institute founded in 1926 with a distinguished global reputation in earth sciences, mining, exploration, and petroleum engineering, IIT (ISM) Dhanbad has consistently served as a premier knowledge partner to the nation's energy industry. The MoU reinforces the Institute's long-standing commitment to contributing advanced scientific understanding, cutting-edge technologies, and skilled human resources to the hydrocarbon sector.

The collaboration will open new avenues for joint research, consultancy, technology development, and academic engagement across upstream, midstream, and downstream operations. Focus areas include geosciences, engineering design, chemical and process technologies, remote sensing and GIS applications, alternative and renewable energy, critical minerals, coal gasification, and CBM, among other emerging themes of national interest.

Speaking on the occasion, the Director (Strategy & Corporate Affairs), ONGC, expressed confidence that the partnership will serve as a catalyst for new-generation research and technology induction in the exploration and production domain. He acknowledged the strong support IIT (ISM) has extended to ONGC over the years and highlighted the Institute's vital role in shaping India's energy capabilities.

For IIT (ISM) Dhanbad, this MoU reaffirms the Institute's mission to advance scientific innovation and foster impactful collaborations with leading industry partners. The Institute looks forward to working closely with ONGC to develop scalable, sustainable, and high-impact solutions that will support India's growing energy needs.

Rajni Singh  
**Dean (Corporate Communications)**