



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 and IOCL Sign MoA for CSR-Funded Solar Hydrogen Clean Energy Project Worth ₹76.42 Lakhs

IIT (ISM) Dhanbad and Indian Oil Corporation Limited (IOCL), today signed a Memorandum of Agreement (MoA) for a CSR-supported research and development project titled *“Development and Demonstration of a Solar Hydrogen-Based Clean Cooking and Micro-Power Generation System for Rural Households.”* IOCL has approved a CSR grant of **₹76.42 lakhs** for the initiative, which aims to advance clean, decentralised energy solutions for rural communities.

The MoA was formally signed in the presence of **Prof. Sukumar Mishra, Director, IIT(ISM) Dhanbad, Prof. Parthasarathi Das, Dean (R&D), Prof. Gauri Shankar, Head, Centre for Renewable Energy**, along with **Shri Sanjeev Kumar Choudhary, ED & State Head, Bihar State Office, IOCL, Shri Kamlesh Rai, GM (HR), IOCL**, and other senior officials from both organisations.

Speaking on the occasion, **Prof. Sukumar Mishra**, Director, IIT(ISM) Dhanbad, said that the project reflects the Institute’s commitment to creating technology-led, socially impactful solutions. *“This collaboration with IOCL strengthens our efforts to develop clean, indigenous energy systems that can significantly improve rural livelihoods while contributing to national sustainability goals,”* he stated.

IOCL’s leadership appreciated IIT(ISM)’s long-standing expertise in energy research and emphasised the relevance of the project to India’s clean energy transition. The initiative closely aligns with the **National Green Hydrogen Mission** and supports IOCL’s CSR vision of promoting sustainable, community-centric technologies.

The project will focus on designing and demonstrating a solar-hydrogen-based system capable of providing **clean cooking solutions** and **night-time micro-power generation**, helping reduce rural dependence on biomass and mitigating indoor air pollution — a major health challenge in many households.

This partnership marks an important step in fostering innovation-driven rural development and showcases the shared commitment of IOCL and IIT(ISM) Dhanbad toward accelerating India’s green energy roadmap.

Rajni Singh
Dean (Corporate Communications)