

पेट्रोलियम एवं प्राकृतिक गैस विनियामक बोर्ड Petroleum and Natural Gas Regulatory Board

PRESS RELEASE

PNGRB and IIT Bombay Sign MoU to Foster Innovation and Capacity Building in Downstream Oil & Gas Sector

New Delhi, May 2, 2025 – The **Petroleum and Natural Gas Regulatory Board (PNGRB)** has entered into a Memorandum of Understanding (MoU) with the **Indian Institute of Technology Bombay (IIT Bombay)** to promote collaborative research, consultations, and training in the downstream oil and gas sector, with a special focus on emerging areas such as safety in Hydrogen Blending and other technological advancements.



Under this MoU, PNGRB and IIT Bombay will collaborate to:

- Advance research in petroleum, natural gas, and hydrogen blending technologies.
- Develop and implement safety standards for hydrogen integration with PNG/CNG networks.
- Organize workshops, training programs, and seminars to build technical capacity and enhance regulatory competence.
- Contribute to the development of qualification criteria and training modules for pipeline inspections.

Speaking at the occasion of MOU signing, **Shri Anjan Kumar Mishra**, Secretary, PNGRB, highlighted the significance of the partnership, stating, “This collaboration marks an important step in aligning regulatory frameworks with academic excellence. By leveraging IIT Bombay’s technical expertise, we aim to strengthen safety and operational standards in the oil and gas sector”. **Professor Sachin C. Patwardhan**, Dean (R&D), IIT Bombay, added, “Our partnership with PNGRB will facilitate cutting-edge research and help translate scientific knowledge into practical solutions, especially in hydrogen safety and infrastructure integrity”. This MoU is expected to serve as a platform for long-term cooperation, fostering innovation, enhancing industry standards, and contributing to a safer and more sustainable energy future.