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IEOT-ONGC achieves offshore structural engineering excellence



Off India's western coast, 320 platforms produce around 70% of all oil consumed in the country. Half of these platforms are older than their 25-year life expectancy but must remain in operation. Institute of Engineering and Ocean Technology (IEOT)-ONGC analyzed the platform structures to assess their conditions and determine how to extend their lives through equipment upgrades. IEOT determined that it could perform a comprehensive analysis of each platform by modeling them within SACS*. The analysis will help the platforms safely operate for another 15 years.

IEOT was founded in 1983 for innovation, development and acceleration of the future plans of ONGC to achieve self-reliance in technology. The Institute has developed expertise in core fields of Geotechnical Engineering, Structural Engineering, Risk & Reliability Engineering, Materials & Corrosion Engineering and Alternate Energy.

45 Challenges in addressing life extension of ageing offshore platforms in India

Mr. S. Karunanithi, General Manager-Head Structure and Mr. Praveen Bhat, Superintending Engineer (Civil), Institute of Engineering & Ocean Technology (IEOT), Oil & Natural Gas Corporation Limited throw light on how IEOT addressed the challenges associated with life extension of ageing platforms in Western Offshore of India



Special Report

18 PM: India's Energy Plan aims to ensure energy justice, adhere to global commitments to sustainable growth

At the core of the government's policy is providing equitable access of clean, affordable and sustainable energy to all Indians: PM



22 Oil India Limited (OIL) to intensify exploration efforts & exploration CAPEX



Oil India Limited, India's second largest National 'Navratna' E&P Company has commenced seismic survey in Andaman Offshore. The company has drawn up plans to intensify its exploration efforts in the country and increase exploration CAPEX in the coming years, according to Mr. Sushil Chandra Mishra, Chairman & Managing Director, OIL

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