



19th India Drilling & Exploration Conference (IDEC) 2026

Theme: Production Enhancement for Energy Security:
Strategies and Technologies
4 – 5 June, 2026, Mumbai, India

Day one: 4 June 2026

8:15 AM – Registration opens

9:20 AM – Organizers welcome speech

9:30 AM– 11:00 AM (Session 1): Inaugural Session: India’s Energy Landscape: Current Status & Future Challenges

A large share of India’s producing oilfields are now mature assets experiencing natural production decline. This presents both a challenge and an opportunity. India’s hydrocarbon future will therefore not depend solely on discovering new reserves, but on how intelligently, efficiently, and sustainably both existing and future resources are developed. The industry’s success will be defined by its ability to improve recovery factors, reduce emissions intensity, optimize costs, and accelerate monetization timelines while maintaining operational excellence and environmental responsibility.

- **Arvind Jain, VP, Oil and Gas, Rystad Energy**
- **Dr. Rabi Bastia, COO, Oilmax Energy Limited**
- **Oil and gas in an era of decarbonization** - Vikram Vishal - Professor, IIT Bombay, CEO, Urjanova, Convener, National Centre of Excellence in CCUS
- **Baroruchi Mishra, Managing Director & CEO, Hindustan Oil Exploration Company Limited (HOEC)**
- **Neeraj Lal, Executive Director, Asset Manager, BS Asset, ONGC**

11:00 AM -- 11:30 AM Networking Break

11:30 AM – 1:00 PM (Session 2): Enhanced Oil Recovery Techniques and Technologies

EOR is not just an option, but a necessity for sustaining production and improving asset value. EOR has evolved well beyond conventional steam or waterflooding. This session will explore how operators are selecting the right EOR techniques, overcoming implementation challenges, and leveraging technology to unlock incremental barrels especially in mature fields.

Session Chair: K Bhaskar, Subsurface Manager, MH Asset, ONGC

- **Production optimization – Jet Pump Artificial Lift Solution** - Taha Metwally, Regional Business Development Manager, WANNER INTERNATIONAL LTD.
- **Revitalizing Mature Assets: Advanced Candidate Selection and Refracture Design for Production Uplift in Sadra Field** - Shashank Narayan, Domain Champion – Reservoir Stimulation, Reservoir Performance, INM GeoUnit, slb
- **A Versatile Completion Solution for Production Enhancement Across Diverse Reservoir Types** - Aastik Saluja, Director- India & Southeast Asia, Fishbones AS
- **Revitalizing India’s Mature Oil & Gas Assets: Integrated Technologies and Collaborative Execution for Sustainable Production** - Subhamoy Mukherjee, Strategic Commercial Manager, MENAT & APAC, Completion & Wellbore Intervention, Baker Hughes – OFSE
- **A Field-Production Framework for Maximizing Recovery in Short-Life Developments or Projects** - Arjun Guglani, Director, Sr. Production Technologist, Weatherford

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1:00 PM – 2:00 PM Lunch Break**2:00 PM – 3:30 PM (Session 3): Innovations Transforming Drilling and Completions**

This session will explore, how integrated planning, advanced drilling technologies, next-generation completion strategies, from concept and design to execution and production. Industry leaders will share insights on how more cost-effective wells can be drilled while maximizing reservoir value.

Session Chair: Bhimesh Vudathu, Senior Vice President, RIL E & P

- **Advanced Products for O&G Applications in Drilling & cementing** - Mahesh P. Kulkarni, Sr. Manager Research & Development, SNF Flopam India Pvt. Ltd
- **Torsional elimination to Improve drilling ROP in critical wells** - Pradeep Shukla, Baker Hughes
- **BS Asset, ONGC**
- **Solids Control for Better Drilling Efficiency** – Arpit Agarwal, Senior Drilling Fluids Engineer, Derrick Corporation
- **Rig-less Annulus Sealant Placement Across Shallow Gas Sands in Complex Completion Wells: A Dual-Well Case Study from Offshore India** - Dhruvi Mishra, Petroleum Engineer, PE, Cairn Oil and Gas Vedanta Ltd

3:30 PM – 4:00 PM Tea / Coffee break**4:00 PM – 5:30 PM (Session 4): HSE and Risk Management**

The future of the oil and gas industry will be defined by how safely, responsibly, and sustainably we operate. This session focuses on how strong HSE leadership, innovative technologies, and proactive environmental stewardship can ensure that oil and gas remains a responsible contributor to global energy security, while protecting people, communities, and the planet.

Session Chair: O P Singh, former Director (T&Fs), ONGC

- **Emerging inspection Methodologies for Oil & Gas upstream segment** - Aditya Bhide, Group Technical Manager, Tubestar
- **Safety standards on Eye/Hand protection** - Durjay Kanjilal, Business Head, Unicare Safety
- **Advancements in Gas and Flame Detection: A Showcase of Innovations** - Manan Shah, Chief Executive Officer (CEO), Ambetronics Engineers Pvt Ltd
- **A Case Study on Remote Rig Positioning for Drilling in Offshore Deep/ Ultra Deepwater Fields** - Amit Gor, Senior Principal Survey Data Analyst (Rig Survey / Positioning), Oceaneering International
- **Mentoring for continued deepwater success** - Allan Fraser, Managing Director, Global Drilling Project Management and Engineering, AFE Ltd.

5:30 Q & A & End of day one**07:00 PM: Felicitation ceremony followed by Cocktails & Dinner**

Day two: 5 June 2026**9:00 AM: Registration opens****930 AM - 1015 AM (Session 5): Well intervention Challenges – Shallow & Deepwater**

Well intervention is no longer just about fixing a problem downhole, it's about doing so safely, efficiently, and economically in environments that are becoming increasingly complex. Whether in shallow water with mature infrastructure or deepwater with extreme technical and operational constraints, intervention decisions directly impact asset life and production continuity.

Session Chair: R Balagopal, GGM, Head Well Services, ONGC

- **Cost-effective cementing solution first field implementation through Macaroni tubing (OD/ID= 1.315IN/1IN) in Mangala Field Onshore India** - Nishant Kumar Singh, Technical Cementing Engineer, Baker Hughes
- **Ravi Sharma, GM, NABORS**

10:15 AM - 11:00 PM (Session 6): Panel Discussion :**Reducing time from discovery to first oil/gas: Faster, Leaner Monetisation**

The energy industry today is under increasing pressure to shorten the journey from hydrocarbon discovery to commercial production. Traditional development cycles, often spanning 8–15 years, are no longer economically or strategically viable in a world demanding energy security, capital discipline, and lower-carbon operations. Faster, Leaner Monetisation is emerging as the new industry imperative — focusing on accelerating decision-making, optimising development strategies, and deploying innovative technologies to bring discoveries into production more efficiently and economically.

Moderator: Arvind Jain, VP, Rystad**Panelists**

- Mahesh Sikaria, SVP, RIL E&P
- Neeraj Lal, ED, AM, B&S Asset, ONGC
- Sanjay Verma, ED, Rajasthan Project, OIL
- Deepak Agarwal, GM, slb
- Ajay Kr Ray, Ramayna Ispat Pvt. Ltd.

11:00 AM – 11:30 AM Tea / Coffee break**11:30 AM – 1 PM (Session 7): Innovations Transforming Drilling and Completions**

This session will explore, how integrated planning, advanced drilling technologies, next-generation completion strategies, from concept and design to execution and production. Industry leaders will share insights on how more cost-effective wells can be drilled while maximizing reservoir value.

Session Chair: Naresh Kumar, Logging & Petrophysics, RIL E&P

- **Advancing India's Drilling Frontier: Digital Workflows, Real-Time Analytics, and an Exciting Future Ahead** - Chandan Majumdar, Digital Drilling Expert, slb
- **Evaluating Reservoir Performance and Water Management Through Time-Lapse Logging Surveys** - Artur Giniyatullin, Area Technical Business Manager, TGT Diagnostics

- **AI-Augmented Cognitive Orchestration of Drilling and Completions Operations -** Sanskar Jain, Head of Projects, Digital Upstream Delivery, Oges Solutions
- **Wireline Certia and MPC - Resolve your well during complications –** Saurabh Kumar, Baker Hughes
- **Revisiting the drilling fluids' flow regime model to address and overcome the aberrations in rheological measurements and interpretation for Non-Aqueous drilling fluid -** Dr. Milap Goud, Founder Knamp Enterprise

1:00 PM Lunch Break**2 PM – 3:30 PM (Session 8): Artificial Intelligence & Big Data Analytics in Oil & Gas**

Today, the challenge is no longer data availability, it's how effectively we convert data into decisions. This session will explore where AI is delivering real value today, where expectations may be ahead of reality, and how organizations can scale analytics responsibly while avoiding digital hype and technical debt.

Session Chair: Deepak Bhatnagar, GGM, Surface Manager, MH Asset, ONGC

- **The Timescale Problem: Why Oil & Gas Digital Programs Succeed in Isolation and Fail at Scale -** Nikita Mishra, Digital lead, SKO Energy Solution
- **Comparative methods for First Arrival Adjustment: ZVSP on Optiq -** Garima Upadhyaya, Borehole Geophysicist, D&I DSS-A&I Hub, slb
- **Auto RNS based on AI for drilling longer horizontals -** Krishnaraj Makkalikkal, Baker Hughes
- **AI Driven Video Surveillance Solutions Enabled by LEO Satellite Technology enhancing oil and gas exploration and drilling operations -** Debraj Mukherjee, Head of Business– Energy, Nelco Ltd (A TATA Enterprise)
- **Applications of Synthetic Data for the O&G Industry -** Rajeet Jayan, Principal Consultant (O&G), Tech Mahindra

3:30 – 4 PM Tea / Coffee break**4:00 PM – 5:30 PM (Session 9) New Technologies: Enabling a Low-Carbon Future for Oil & Gas**

Session Chair: Dr. Satyam Priyadarshy, CEO, Reignite Future

As the world pushes toward net-zero targets, the oil and gas industry faces a dual responsibility—meeting rising energy demand while drastically reducing emissions. One technology stands at the center of this balance—Carbon Capture, Utilization & Storage, or CCUS. It is not just a climate solution—it is a strategic necessity for the future of hydrocarbons. It is a bridge between today's energy reality and tomorrow's low-carbon ambition. For the oil and gas industry, it is not just about reducing emissions—it is about reinventing our role in the energy ecosystem.

- **Geological Sequestration of CO₂: Prospects and Challenges -** Naresh Kumar, Logging & Petrophysics, RIL E&P
- **Agentic AI Framework for Reducing Loss due to Corrosion in the Era of Agentic Oil field -** Sanjana Gupta, IIT Mumbai, Aspire

6 PM – Vote of thanks & Close of conference

Conference program will be updated periodically. Session timing may change.

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