



IOGPC INDIA 2025 CONFERENCE

MR G.04 (Gr floor)

HICC, Hyderabad

Date	Session	Time	Sub Track	Paper No.	Title
Day 1 : 11th September 2025	Common Plenary Sessions & Lunch				
	Session 2	2:00-2:10	Welcome Address by Mr K B Singh (PSD India Chair)		
		2:10-2:40	IOGPC 2025 Keynote Mr Deepak Gupta (Director Projects - GAIL)		
		2:40-3:00	IOGP 1	159525	Emerging Threat to Environment: Waste From Mega Pipeline Projects
		3:00-3:20		159690	Pipeline Installation Across a Himalayan River by Microtunneling
		3:20-3:40		159705	Establishing Locations for Entry and Exit Points of Horizontal Directional Drilling for Pipeline Installation Across Meandering Rivers: A Case Study
		3:40-4:00		160613	Frictional Force Variation Against Pipe Thermal Movement
	Coffee Break				
	Session 3	4:30-4:50	IOGP 1/2/3	163601	Challenges and Mitigation Strategies in Gas Pipeline Installation in Flood Prone Regions: A Case Study of Gail(india) Ltd's Bgpl Project in Bihar's Kosi Flood Plains
		4:50-5:10		162351	Achieving Superior Welding Productivity for Large-Diameter Pipelines: A Mechanized Approach With Piperunner and Fcaw
		5:10-5:30		161287	Case Study: Detection and Rectification of Unexpected Anomalies in a Newly Erected Cross Country High Pressure Hydrocarbon Pipeline
		5:30-6:30		Panel Discussion - Pipeline Industry Challenges	

Session 1	8:40-9:00	IOGP 4 & 5	159165	Exploring and Evaluating Enhanced Oil Recovery Schemes for Reducing Asian Energy Crisis: Methods and Mechanisms, Advantages, Efficacy, and Bottlenecks
	9:00-9:20		159298	Detecting Pipeline Leaks Using Acoustic Emission Feature Sequences and Long Short-Term Memory Network
	9:20-9:40		161378	Dynamic Modelling and Stability Analysis of Fluid-Conveying Pipelines Immersed in an Incompressible Fluid With Simplified Boundary Conditions
	9:40-10:00		163649	Real Time 3d Augmented Visualization of Pipeline Route and Rou
	10:00-10:20		171719	Strengthening Underwater Pipeline Longevity and Reliability With Ectmd Technology: Vibration Control and Axial Displacement Suppression
	10.20-10.30		Session Summary	
Common Plenary Sessions & Lunch				
Session 2	2:00-2:50	IOGP 6	Panel Discussion - International Codes & Local Regulations	
	2:50-3:10		160940	Advanced Cathodic Protection in Hydrocarbon Pipelines Using Machine Learning and Statistical Analysis Tools
	3:10-3:30		161009	A Pro-Active Approach Towards Management of Cracks in Steel Pipelines
	3:30-3:50		161579	Remaining Life Assessment of Glass Fabric Composites Under Thermo-Mechanical Fatigue
	3.50-4.00		Session Summary	
Coffee Break				
Session 3	4:40-5:00	IOGP 6	161723	Complex Station Piping CP Survey and Coating Integrity Assessment: Finally Possible - A Case Study
	5:00-5:20		162337	Can the Direct Current Voltage Gradient Survey Be Used to Mitigate Alternating Current Corrosion on Pipelines?
	5:20-5:40		159866	Optimizing Pipeline Integrity Through Machine Learning Based Predictive Models
	5:40-6:00		159878	Using Technology to Stop Extended Natural Gas Venting During Gas Turbine Compressor Startup
	6:00-6:20		161032	Case Study – External Corrosion Risk Assessment & Evaluation:- Analyzing the Impact of Proximity to Solar Parks on the Integrity of Pipelines
	6:20-6:40		163896	Ac Corrosion Monitoring With Er Probes: A Case Study

Day 3 - 13th September 2025	Session 1	8:40-9:00	IOGP 8, 7	159242	A Case Study on “Addressing Operational Challenges With ‘Off-Grid’ Solar Power Plant With Limited Battery Back Up at Remotely Located Sites
		9:00-9:20		162082	Digital Transformation of Natural Gas Pipeline Measurement Systems: Unified Platform Using Industry 4.0 Tools - Robotic Process Automation (RPA), Edge Analytics, Advanced Data Analytics With Digital Twin Models for Pipeline Integrity
		9:20-9:40		159831	Model for Gas Flow Optimization in Free Market Regime
		9:40-10:00		168232	IIoT Based Corrosion Monitoring of Pipelines Inside Refinery and Cross-Country
		10:00-10:20		159882	Mitigating Geohazard Risks: A Case Study of Pipeline Exposure in the Yamuna River
	Common Plenary Sessions & Lunch				
	Session 2	11:10-11:30	IOGP 8 & 9	172126	Advanced Process Automation & New Age Technologies for Efficient Gas Operations and Loss Reduction
		11:30-11:50		160322	New Fuels in Pipelines: Storage and Transportation Challenges
		11:50-12:10		160772	Suitability of Existing Pipelines for Transportation of Hydrogen Blend
		12:10 - 1:00			
	Coffee Break				