



**International Workshop On
OFFSHORE OIL & GAS (OOG2026)
September 27-29, 2026**

**Venue: Seminar Hall, Second Floor, Department of Ocean Engineering,
IIT Madras**

27.09.2026 - Agenda

S.No.	Timing	Title of The Sessions	Speakers
Day 1 (Sep 27, 2026)			
01	9:00 -10:30	MATLAB Hands-on Training Session on “Data Science and Machine Learning Applications in Oil and Gas”	Venue: Seminar Hall, Second Floor, Department of Ocean Engineering, IITM
High Tea (10:30 -11:00)			
02	11:00-12:30	MATLAB Hands-on Training Session on “Data Science and Machine Learning Applications in Oil and Gas”	Venue: Seminar Hall, Second Floor, Department of Ocean Engineering, IITM
Lunch (12:30-14:00)			
Day 1 (Sep 27, 2026)			
03	14:00-16:00	Students’ poster presentation competition	Venue: Seminar Hall, Second Floor, Department of Ocean Engineering, IITM)
High Tea			



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Venue: TTJ Auditorium, ICSR, IIT Madras
28.09.2026 - Agenda

Day 2 (Sep 28, 2026): Session -01			
S.No.	Timing	Title of the Sessions	Speakers
05	09:00-9:30	Inauguration	Separate sheet
High Tea (9:30 - 10:00)			
Day 2 (Sep 28, 2026): Session -02 Session Chair: Dr. Sathish Balasubramanian			
06	10:00-10:45	Challenges and Opportunities in oil and gas exploration and production in Cauvery Basin, Tamil Nadu & Puducherry	Mr. Uthaman Chukkasseri, ONGC, Chennai and Basin Manager, Cauvery Basin
07	10:45-11:30	Unlocking India's Frontier Offshore Basins: Exploration Opportunities and Challenges in Category-II & III Basins — An Oil India Perspective	Shri. Madanlal Prasad, Chief Geologist, KGB & MBP, Oil India Limited
08	11:30-12:15	Advancements in Drilling	Mr. Ambrose Ogwang, Drilling Engineer, CNOOC Uganda Ltd.
09	12:15-13:00	Reimagining Offshore Exploration: Balancing Technology and Innovation	Shri. Bhaskar Borah, Dy. General Manager, E & D Directorate, Oil India Limited
Lunch (13:00 PM - 14:30 PM)			
Day 2 (Sep 28, 2026): Session -03 Session Chair - Dr. Abhishek Kumar			
10	14:30-15:15	Marine Warranty Survey (MWS) as a tool to reduce risks of major and complex offshore Oil and Gas Projects	Dr. Sritama Sarkar, Principal Subsea and Offshore Engineer, Marine Warranty Surveyor (MWS) group at ABL, London.
11	15:15-16:00	Strategies for fast monetization of stranded oil and gas reserves - onshore and discovered small fields- offshore.	Mr. Baroruchi Mishra, MD and CEO, Hindustan Oil Exploration Company Limited (HOEC)
High Tea (16:00-16:30)			
Day 2 (Sep 28, 2026): Session -04 Session Chair: Mr. Ambrose Ogwang			

12	16:30-17:15	Industrial Compressors for Oil & Gas Applications: Selection, Design and Performance Optimisation	Dr. Abhishek Kumar, Automotive Division - Chair, IMechE
Cultural Programme (18:00 - 19:00) at CLT, IIT Madras			
Gala Dinner (19:00-21:00) At ICSR Building Dining Hall, IIT Madras for the Dignitaries and Industry Participants At Seminar Hall, Second Floor, Department of Ocean Engineering, IIT Madras for the Student Participants			



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S.No.	Timing	Title of The Sessions	Speakers
Day 3 (Sep 29, 2026): Session -05			
Session Chair: Mr. Suraj Makkar			
13	09:00-09:30	From Institute to Industry: AI, Innovation & Critical Thinking in Oil & Gas	Ms. Kathyayani N. Computational Scientist, ExxonMobil, Bengaluru
14	09:30-10:15	From Iron to Algorithms: Driving Asset Reliability, Workforce Safety, and Sustainable Offshore Operations	Mr. Gurpreet Singh Sara Operations Manager, Aban III, Aban Singapore Pte Ltd
High Tea (10:15-10:45)			
Session -06			
Session Chair: Dr. Sritama Sarkar			
15	10:45-11:15	Offshore Drilling Technology (Floaters: Drillships & Semisubmersibles)	Mr. Abdur Rahman Khan, Drilling Supervisor, KOC, Middle East
16	11:15-12:00	Pipeline Integrity Challenges in Offshore Oil & Gas Fields	Mr. Suraj Makkar Manager (Chem), IPEOT, ONGC, Navi Mumbai
17	12:00 - 12:45	The Price of Waiting: Economic Outcomes of Deferred Decisions [A Closed-Loop Framework for Decision Clarity in Life-Extension/Repurposing of Offshore Infrastructure]	Dr. Sathish Balasubramanian, ROICE Program Technical Director, Division of Energy & Innovation, University of Houston
Lunch (12:45 PM - 14:15 PM)			
Day 2 (Sep 29, 2026): Session -07			
Session Chair: Mr. Gurpreet Singh Sara			
18	14:15-15:00	NTP1 platform ; Dredging to enable mobilisation of Jack up Platform.	Mr. Sakthivel Sundaravadivelu, MD, OECPL BRMC PRSAS, Chennai
19	15:00-15:15	NPTEL Talk	NPTEL Coordinator
19	15:15-15:45	Reservoir to Surface: Overcoming Multiphase Flow Challenges in Oil Well Pumping Systems	Dr. Abdus Samad, Process Division India - Chair, IMechE
High Tea (15:45-16:15)			

20	16:15-16:45	Valedictory function	Separate Sheet
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