



# The Indian Institute of Metals Short Professional Educational Courses (Online) on “Metallurgy for Oil and Gas Industries” (Course Number : IIM-25-111)

Online Mode on 20<sup>th</sup>, 21<sup>st</sup>, & 22<sup>nd</sup> January 2026, 09:30 – 14:00 each day

**Background:** The demand for energy is ever rising across globe for various domestic and commercial applications. On other side many developments are undergoing to reduce green house gas emission. New energy sector like renewable, solar, green technology may transform conventional energy landscape, but still deeper understanding of metallurgy and corrosion in conventional energy sectors assure productivity, quality, and sustainability for energy supply chain. Aimed at wider engineering professionals and energy industry practitioners, as it provides the knowledge and skills needed to optimize the corrosion process and ensure competitiveness as a critical enabler in the future.

## Speakers Profile :

1. **Mr. Chidambaram Subramanian**, Principal Scientist, NDT & Metallurgy Group,  
CSIR – Central Mechanical Engineering Research Institute (CMERI), Durgapur.
2. **Mr. Rampradesh Natarajan**, Senior Corrosion Engineer at the Abu Dhabi National Oil Company  
(ADNOC Refining) in the United Arab Emirates.

## Course Objectives :

The course is designed to

- Introduction of oil refining process and equipments utilized in oil refining industries
- Provides insights for various material selection strategy for oil and gas refining process
- Explain various corrosion issues arising out due to production process
- Selected case studies on real time corrosion issues in oil and gas industries

## Who should attend:

Professional engaged/working in the area of oil & gas companies, chemical suppliers, pipeline & boiler grade steels manufacturers, corrosion, inspection, Mechanical engineers, Design & project engineers, Maintenance & Process safety professionals, third party agencies, Metallurgical & Chemical engineers and Civil engineers.

## Course Content:

Day-1		Day-2		
Inaugural Session		Lecture 5: Inspection of Static Equipments		
Lecture 1: Mechanical behaviour of alloys		Lecture 6: Corrosion Engineering		
Lecture 2: Commercial Metals & Alloys		Lecture 7: Welding Engineering		
Lecture 3: Power Generation		Lecture 8: Material Selection		
Lecture 4: Oil Production				
	Day-3			
	Lecture 9: Oil Industry Codes & Standards			
	Lecture 10: Engineering Failure Analysis			
	Lecture 11: Forensic Engineering & Judgement			
	Lecture 12: Selected Case Studies from Oil Industries			
	Valedictory Session An online assessment will be held from 2.00 p.m. onward			



**IIM**  
Metallurgy  
Materials Engineering

## Registration Fees and Payment Methods

Participant type	Only Theory Course
IIM Member	5000 + 900* = 5900
IIM Non Member	7500 + 1350* = 8850
Student Member	800 + 144* = 944
Student Non-member	1200 + 216* = 1416
* (18% GST)	

- Participants may join for the 3 days course module which shall be conducted virtually.
- Advance payment of Registration fees is mandatory.
- Participation fee is non-refundable; however, change in nomination is possible.
- Students may furnish suitable proof of they being students while filling in the online form.
- 10% discount shall be offered if more than 5 participants are nominated by any Organisation.

Participants are requested to register via

<https://forms.gle/zSiMeBB4vPaEn8wx9> [For Individuals],  
<https://forms.gle/LmTJi2ianeem2tox8> [For Organizations]

and pay online as per the details given below.

The online transaction receipt, mentioning the course number IIM-25-111 may be uploaded by using the link provided in google form. Alternately, a demand draft in favour of "The Indian Institute of Metals" payable at Salt Lake, Kolkata can be sent to The Indian Institute of Metals, Metal House, Plot 13/4, Block AQ, Salt Lake, Sec V, Kolkata : 700 091

### Contact Person :

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### Bank Details :

#### A/c name:

The Indian Institute of Metals  
Bank: State Bank of India,  
SME Branch, Salt Lake,  
Branch Code: 04289,  
IFSC Code: SBIN0004289  
Current A/c No.: 54015600024  
GST: 19AAATT3359D1ZF  
PAN: AAATT3359D

### QR for UPI Payment :

