



## Training Programme on

# Offsite Automation (TFMS, Blending Automation, Loading Automation Overview, configuration details and Components involved

20<sup>th</sup> - 21<sup>st</sup> February, 2024 (0930 Hrs to 1630 Hrs.)

## Program Objectives

Knowledge on reliable and safe design of various Offsite Automation Systems is essential for understanding automation in Product Optimisation & asset integration, Product Storage, Product Transfer and Custody Measurements of any Pipeline, Refinery & Petrochemical complexes. This training program is specifically tailored to provide an insight into the design aspects of these systems, the criteria to evaluate any of these systems, broad knowledge on Engineering aspects and latest Technological upgrades in these fields.



## Contents

Tank Farm Management, Blending Automation, Loading Automation and Metering System, Design, Engineering, installation - concept to commissioning:

- **Tank Farm Management System:** Process description, P&ID depiction and understanding functional requirement, System Overview, its Importance in plant optimisation, Configuration with various Measurement and Automation System components, MIS calculation.
- **Blending Automation System:** Process description and its importance for any Refinery complex, System overview, Functional and Configurational details with various Measurement and Automation System components.
- **Tank / Truck Loading Automation System:** Process Overview with gantry configuration, System Overview, various types, configuration and components involved.
- **Metering System:** Application, Description and components, custody transfer certification/approvals.

## Who may attend

The program is designed for Junior/ middle level executives working in Instrumentation and Control engineering, operation and maintenance who are involved in design, engineering, procurement, installation, operation of Tank Farm management, Blending Automation, Loading Automation and Metering system in Refinery / Petrochemical and Pipeline of upstream, Midstream, downstream Hydrocarbon industries.

## Faculty



**Ms. Rima Kundu**  
General Manager  
(Instrumentation)



**Mr. Sachin Kumar Agrawal**  
Assistant General Manager  
(Instrumentation)



**Mr. Depesh Kumar Yadav**  
Assistant General Manager  
(Instrumentation)



**Ms. Radhika Bagri**  
Senior Manager  
(Instrumentation)



**Mr. V. Ramakrishna**  
General Manager  
(Process - 2)

**Programme fee for the participants is as follows :**

PROGRAMME REGISTRATION FEE (ONLINE MODE)#	PROGRAMME REGISTRATION FEE (OFFLINE MODE)#	PROGRAMME REGISTRATION FEE (RESIDENTIAL MODE)#
<b>For nominations &gt; 5 No:</b> INR 14,000 + 18% GST (INR 2,520)= INR 16,520 per delegate	<b>For nominations &gt; 5 Nos:</b> INR 15,500 + 18% GST (INR 2,790)= INR 18,290 per delegate	<b>For nominations &gt; 5 Nos:</b> INR 18,500 + 18% GST (INR 3,330)= INR 21,830 per delegate
<b>For nominations: 3-5 No:</b> INR 15,000 + 18% GST (INR 2,700)= INR 17,700 per delegate	<b>For nominations: 3-5 Nos:</b> INR 16,500 + 18% GST (INR 2,970)= INR 19,470 per delegate	<b>For nominations: 3-5 Nos:</b> INR 19,500 + 18% GST (INR 3,510)= INR 23,010/- per delegate
<b>For nominations &lt; 3 No:</b> INR 16,000 + 18% GST (INR 2,880)= INR 18,880 per delegate	<b>For nominations &lt; 3 Nos:</b> INR 17,500 + 18% GST (INR 3,150)= INR 20,650 per delegate	<b>For nominations &lt; 3 Nos:</b> INR 20,500 + 18% GST (INR 3,690)= INR 24,190/- per delegate

**Payment of Programme should be made by NEFT transfer as per details below :**

Name	ENGINEERS INDIA LIMITED (EIL)
Registered Office Address of EIL	Engineers India Bhavan, 1, Bhikaji Cama Place, R.K. Puram, New Delhi - 110066
Office Address	EIL Office Complex, Sector 16 (NH8), Gurugram - 122001, Haryana
PAN Number	AAACE5318C
Name of the Bank & Address	State Bank of India Mehrauli Road, M.G. Road , Gurugram, Haryana-122001
Branch Code	01565
Current Account Number	35776275270
IFSC/RTGS Code	SBIN0001565
MICR Code	110002190

# The residential mode will include stay and hospitality at EIL Guest House at Gurugram on first cum first serve basis (subject to availability). The organizations interested in availing residential facility may kindly provide email confirmation atleast 3 days before the commencement of the program.

**CORRESPONDENCE**

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Sector 16 (Nh8), Gurugram-122001, Haryana  
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