

## Training Programme on

# Electrical Control Systems (ECS) and Substation Automation System (SAS)

27<sup>th</sup> September, 2024 (0930 Hrs to 1630 Hrs.)

## Program Objectives

This training program shall specifically provide participants with insight of various components, functions of Substation Automation System and Electrical Control System along with their Configurations/ Architectures.

## Contents

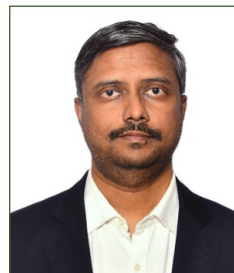
- Introduction to Substation Automation System (SAS) including definition and extent.
- SAS Equipment, Components and Functions
- Brief about Relays and their Types
- SAS Architecture and Features
- ECS and its Functionalities
- ECS Configuration and Modes



## Who may attend

The programme is designed for personnel working in Design, Operations, Maintenance, Projects and Construction supervision who intend to have basic insight about automation in Electrical Power generation and distribution network.

## FACULTY



**Mr. Achutuni Sai**  
Assistant General Manager  
(Electrical)



**Mr. Anil Kumar Garhwal**  
Assistant General Manager  
(Electrical)

**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 9,500+18% GST (INR 1,710) = INR 11,210 per delegate	<b>For nominations &gt; 5 Nos:</b> INR 10,500 + 18% GST (INR 1,890) = INR 12,390 per delegate	<b>For nominations &gt; 5 Nos:</b> INR 12,000 + 18% GST (INR 2,160) = INR 14,160 per delegate
<b>For nominations: 3-5 No:</b> INR 10,500+18% GST (INR 1,890) = INR 12,390 per delegate	<b>For nominations: 3-5 Nos:</b> INR 11,500+18% GST (INR 2,070) = INR 13,570 per delegate	<b>For nominations: 3-5 Nos:</b> INR 13,000+ 18% GST (INR 2,340) = INR 15,340/- per delegate
<b>For nominations &lt; 3 No:</b> INR 11,500+ 18% GST (INR 2,070) = INR 13,570 per delegate	<b>For nominations &lt; 3 Nos:</b> INR 12,500 + 18% GST (INR 2,250) = INR 14,750 per delegate	<b>For nominations &lt; 3 Nos:</b> INR 14,000 + 18% GST (INR 2,520) = INR 16,520/- per delegate

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

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





**‘Pragyan Kendra’** Training & Development Centre, EIL Office Complex,  
Sector 16 (NH8), Gurugram-122001, Haryana  
E-mail : anubha.agarwal@eil.co.in/jamal.athar@eil.co.in; Tel : 0124-2892204/2246, Mobile: 6290228243



**ENGINEERS INDIA LIMITED**

Concept | Technology | Design | FEED | PMC & EPCM | EPC

[www.engineersindia.com](http://www.engineersindia.com)

Follow us :  /EngineersIND  @EngineersIND  /company/engineers-india-limited  @engineers\_india\_limited