

## *Maintain Instrumented Protection Systems (IPS) - Fundamental*

### Course Outline

- **Process instrumentation terminology.**
- **Introduction to industrial instrumentation.**
- **Measurement units.**
- **Measurement basic terminology.**
- **What is meant by instrumentation protection system (IPS).**
- **What are protection layers?**
- **Different types of instrumentation protections.**
- **Pressure protection instruments (types, and theory of operation).**
- **Level protection instruments (types, and theory of operation).**
- **Temperature protection instruments (types, and theory of operation).**
- **Flow protection instruments (types, and theory of operation).**
- **How to protect any rotary equipment (Pumps and compressors)?**
- **What is SIS (Safety Instrumented System)?**
- **How does SIS system work?**

# EXPERT

EXPERT & PROFESSIONAL EXCELLENCE FOR TRAINING & CONSULTATIONS

|                             |   |
|-----------------------------|---|
| <b>Location</b>             | <b>Expert Headquarter</b>                 |
| <b>Start Date</b>           | <b>08 Sep 2024</b>                        |
| <b>End Date</b>             | <b>12 Sep 2024</b>                        |
| <b>Fees Before Discount</b> | <b>3000 \$</b>                            |
| <b>Special Discount</b>     | <b>10% (To Nominate Two Participants)</b> |
| <b>Fees After Discount</b>  | <b>2700 \$</b>                            |