

INTRODUCTION

Instrumentation is the eyes for an operator, through which he sees the process and operates the plant. Any process plant cannot be operated with optimal efficiency without proper measurement and control of process equipment. It is important to have a thorough fundamental knowledge of instruments for employees, who operate and maintain the process plant.

FOCUS AREAS

- Instrumentation Systems - introduction
- Definition / meaning of Terms related to Instrumentation
- Types of Instruments & examples
- Pneumatic/Hydraulic /Electronic Instruments with examples
- Errors & their effects
- Instrument Drawings
- Instrumentation Cables
- How to specify Instruments (Specifications for Instruments)
- Principles of operation of instruments – common to process industries: Pressure, Level, Flow & Temperature, with demo and activity
- Installation, Calibration of Instruments & Commissioning, with demo and activity
- A brief on Control systems

KEY TAKE AWAYS

- Basic knowledge of Instrumentation
- Operating Principles
- Defining Specifications
- Instruments Selection
- Control system basics

PARTICIPATION FEE

Rs. 9500/-
+18% GST

**IMTMA Members/ Micro Companies/ Individuals/
Educational Institutions / Students/ IMTMA Non
Members/ Others**

USD 380/-
Overseas Participants

Group Concession : 10% for 3 to 5 and 20% for 6 and more delegates being nominated from the same company

PARTICIPANT PROFILE

Fresher with Diploma/ Engineering/ non engineering.

FACULTY

This programme will be conducted by **Mr. Krishna Shankara**

Mr. Krishna M. S is a seasoned IT professional and corporate trainer for Engineering Industries, with breadth and depth of experience for over 37 years. Worked extensively on largescale, complex Projects, Programs and provided Training Services for global clients, including manufacturing sector of the Industry

For Registration Contact

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REGISTRATION : Prior registration for participation is necessary. Number of participants is limited and will be accepted on ‘First Come First Serve’ basis. A Certificate of participation will be issued to participants.

Important Information : Participation fee includes, course material, working lunch and tea / coffee. Interested companies are requested to register online by clicking on 'REGISTER' button and by filling up the nomination authority and participant's details in specified form.