



INTRODUCTION

In-depth understanding of Hydraulics & Pneumatics systems is mandatory for assembly and maintenance engineers. This will help minimize/eliminate the downtime of a machine or an equipment related to Hydraulic and Pneumatic systems.

Keeping this in view, IMTMA is organizing 3 days **Offline programme on Hands-on training on Maintenance and Trouble Shooting of Hydraulic and Pneumatic Systems.**

This program will focus on an overview of Elements of Hydraulics / Pneumatics circuits, Preventive Maintenance Procedures, and Safe Trouble Shooting Practices.

FOCUS AREAS

- Function of hydraulic components - Pumps, DC Valves, Cylinders, Motors and Reservoirs Symbols and circuit diagrams
- Hydraulic and pneumatic circuits using elements - DC valves, Check valves, logic valves, Pressure control, and Flow control valves
- Hydraulic technology in Machine Tools-case studies
- Energy-saving measures in Hydraulic power packs
- Maintenance and Troubleshooting of Hydraulic and Pneumatic circuits.
- Safety procedures and practices.
- **Hands-on / Practical sessions in Hydraulic and pneumatic trainer kits.**
- **Dismantling and reassembly of Hydraulic elements.**

KEY TAKE AWAYS

- Understand Hydraulic elements & Pneumatic elements
- Understand how to read the hydraulic and pneumatic circuit
- Adopt preventive maintenance procedure for Hydraulic systems
- Troubleshoot Hydraulic circuits in a systematic manner
- Analyze probable failures related to critical hydraulic elements

PARTICIPATION FEE

Rs. 10500/-

+18% GST

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

USD 420/-

Overseas Participants

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

FACULTY

The program shall be delivered by **Mr. V Madhu and Industry Experts from Yuken India.**

Mr. V Madhu is a Mechanical engineering professional, with over 25 years of experience in the manufacturing sector. He has handled Quality audits for over 5 years and has been a Technical trainer for 16 years at Bosch providing training on manufacturing operations, Hydraulics, Pneumatics, and machine maintenance. Besides, he is a qualified HR professional with a stint in the HR function at Bosch.

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.