

INTRODUCTION

Hydraulics is one of the popular technology applied in many machinery and equipment as it has significant advantages over other technologies as a prime mover. Since it is involved with many elements for collective output, it is mandatory to know in depth about industrial Hydraulics.

FOCUS AREAS

- Importance of Braking system of Automotive vehicles
- Types of braking system for Two wheeler ,four wheeler
- Mechanical braking , Hydraulic braking , CBS, ABS system importance and application
- Understanding component, working principle, assembly, trouble shooting of the CBC braking
- Understanding component, working principle, assembly, trouble shooting of the ABS of Car
- Understanding component, working principle, assembly, trouble shooting of truck and bus.
- Hydraulic braking ,vacuum assisted hydraulic braking , Air brakes ,ABS system
- Basics of mechanical leverage and braking system ,Hydraulics, Vacuum , compressed air systems
- CBS and ABS barking system Disc brakes, Shoe brakes , Mechanical Hand brake
- Sensors , Proportional control valves ,hybrid system

KEY TAKE AWAYS

After undergoing the programme, the participants will be able to -

- Participates understands importance of vehicle Braking system
- Understand two wheeler and four wheeler braking types ,construction, components and its working
- Enhance know haw of braking system manufacture quality parts
- Takes care while assembly of braking system understanding end result
- Assembly of proper sensors its wiring , pneumatic, hydraulic piping
- Enhance assembly quality and easy for trouble shooting

PARTICIPATION FEE

Rs. 6000/-
+18% GST
**IMTMA Members/ Micro Companies/ Individuals/
Educational Institutions / Students/ IMTMA Non
Members/ Others**

USD 240/-
Overseas Participants

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

FACULTY

This program shall be conducted by Mr. Deshpande

Mr. Deshpande is a Domain expert with more than 38 years of hands-on experience in machine controls design, assembly, & commissioning. He is an expert in hydraulics, pneumatics, bearings lubrication & mechatronics (focus on factory automation). He has vast experience in circuit building, system designing, commissioning & fault finding. He has delivered extensive hands-on training in hydraulics and pneumatics to more than 2000 industry professionals across India. He represented India as Mechatronics trainer & expert of Mechatronics World Skills international Competition 2013 & Jury for Russian hi-tech World Skill competition 2014.

For Registration Contact

Santosh Singh
Programme Coordinator
9021442692
santosh@imtma.in

Contact Address

INDIAN MACHINE TOOL MANUFACTURERS' ASSOCIATION
12/5, D-1 Block, MIDC, Chinchwad,
Pune-411019
Board Line : +91 7066030531 / 532



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.