

## INTRODUCTION

Design of workholding & fixturing is key to effective utilization of machine tools. Basics of fixture design if not implemented correctly results in poor productivity & quality problems. Set-up time and cycle time reduction, increased accuracy on components, deskilling the job setting operation are the obvious advantages of a good fixture. Competence in workholding & fixturing differentiates excellent organizations.

Keeping this in view, Indian Machine Tool Manufacturers' Association (IMTMA) is organizing a 2 day programme on "Design of Workholding & Fixturing".

## FOCUS AREAS

- Various types of Workholding fixtures
- Key factors & Technical features of workholding fixtures
- Design of basic elements of a fixtures
- Elements for Hydraulic / Pneumatic fixtures
- Design consideration for Manual, Hydraulic & Pneumatic fixtures
- Safety features & cost control while designing a fixture & its elements
- Trouble shooting of the fixtures to achieve desired quality of component
- Group Excercises in concept development of fixtures

## KEY TAKE AWAYS

- The concepts of Fixture design
- Various types of fixtures for machining applications
- Selection of elements for fixtures
- Design and development of new fixtures for machined parts

## 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

This programme will benefit Managers, Engineers, Supervisors, Machine & Fixture Designers and other personnel in the functions of Production, Process Planning, Inspection, Service, Engineering & Manufacturing from Machine Tool, Auto & Auto components, General Engg., Defense, Railways, Pumps manufacturers etc.

This programme will be a Mid level one and the participants need to have knowledge in Engineering Drawing as well as various elements of a machining fixture.

## FACULTY

This programme will be addressed by Mr. S K Gupta, Former Asst. General Manager, Machine Design & Business Development, Tata Motors Machine tools division, Pune.  
Mr. Gupta is an industry expert with over 37 years of rich experience in Design & Development of General purpose Machine & SPMs. The programme will be highly interactive where participants can solicit feedback on specific technical issues from the expert faculty.

### For Registration Contact

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