

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 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

After undergoing the programme, the participants will be able to lay the foundation for significant improvements by way of acquiring capability to -

- 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. 10450/-
+18% GST

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

USD 415/-
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., Defence, 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

Yuvaraj Patil
Programme Coordinator
9834265098
yuvaraj@imtma.in

Contact Address

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

