Manufacturing Technology Training
An IMTMA initiative

Design of Fixtures for Machining Applications - A practical approach
Date : 30 to 31 October, 2025
Venue : IMTMA Technology Centre, Pune

INTRODUCTION

Design of workholding & fixturing is key to effective utilization of machine tools. Fixtures, 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 definite advantages of a good fixture. Hence good competence in workholding & fixturing differentiates excellent organizations producing quality components.

Keeping this in view, Indian Machine Tool Manufacturers' Association (IMTMA) is organizing a 2 day online training programme on **Design of Fixtures- Machining**.

FOCUS AREAS

- Various types of Workholding fixtures for machining applications
- Key factors & Technical features of workholding fixtures
- Design of basic elements of a fixtures
- Elements for Hydraulic / Pneumatic fixtures
- Design considerations 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

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. 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

FACULTY

This programme will be conducted by **Mr. SK Gupta**

Mr. Gupta is Former Asst. General Manager, Machine Design & Business Development, Tata Motors Machine tools division, Pune. He has over 3 decades of experience in the field of Machine Tools and Fixturing.

For Registration Contact

Yuvaraj Patil
Programme Coordinator
9834265098
yuvaraj@imtma.in
Back End Operations
9742626488
enquiry@imtmablr.com

Contact Address

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

imtmatrainning.67038796@hdfcbank

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.