Manufacturing Technology Training
An IMTMA initiative

Manufacturing Processes and Programming on CNC Turning Centres
Date : 3 to 7 March, 2025
Venue : IMTMA Technology Centre, Bengaluru

INTRODUCTION

Indian Machine Tool Manufacturers' Association (IMTMA) is organizing an exclusive hands-on training in **Introduction of Manufacturing Processes and Programming on CNC Turning Centres**, at IMTMA Technology Centre, Bangalore.

This is an exclusive 5-days hands-on training program, which will be very much suitable for fresh engineers and new recruits in industry. They are trained in the latest manufacturing practices with major topics covering Various Manufacturing Processes, machining operations, Heat treatment for engineering materials, CNC Programming & Machining on Turning Centres.

FOCUS AREAS

- Introduction to Manufacturing Processes
- Review of machining operations
- Engineering Materials and heat treatment
- Understanding of Tool Nomenclature and cutting parameters
- ISO Codification of tools
- Programming and operation of CNC turning centres
- Cycle time calculation of turning operations

KEY TAKE AWAYS

- Understanding of various manufacturing processes
- Understanding of heat treatment processes
- Knowledge on Tool codification and selection of right tool for required applications
- Understanding of programming and operation on CNC Turning centres
- Understanding of cutting parameters

PARTICIPATION FEE

Rs. 12000/-
+18% GST
IMTMA Members/ Micro Companies/ IMTMA Non Members/ Others

Rs. 8000/-
+18% GST
Individuals/ Educational Institutions / Students

USD 480/-
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 Machine shop engineers, technicians as well as fresh engineers aspiring to learn VMC programming and operation. A Basic knowledge on machining operations is essential

FACULTY

This program will be conducted by **Mr. Preetham B M**

Mr. Preetham B M, is having over 24 years of experience in the industry, in the field of manufacturing of precision components for Nuclear, Aerospace & Automation industry. He has acquired expertise in the application and use of GD&T principles in precision manufacturing of components as well as experience in conducting training programs. He has imparted training in CNC, CAD/CAM, CMM & GD&T for more than 1500 engineers. Has conducted more than 30 batch of Finishing school. Trained industry professionals from TVS, Ceratizit India, Ashok Leyland, Kennametal etc. Prior to working at IMTMA, he has worked at Avasarala Technologies Limited, as Assistant Manager, in the field of machining the precision components using CNC machines. Components manufactured for prestigious projects like Centre for Advanced Technology (BIGBANG test), ITER which is expected to be operational in the year 2030 at France. He was deputed to M/s Kimberly Clark Corporation's KIMTECH plant at Neenah, Wisconsin state, United States of America for one year to understand their best manufacturing practices. At IMTMA, as Assistant Director, his role is to impart hands-on training for manufacturing professionals.

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.