

INTRODUCTION

Indian Machine Tool Manufacturers' Association (IMTMA) is organizing an exclusive hands-on training in Introduction of **Manufacturing Process and Process Planning in CNC Turning Applications, at IMTMA Technology Centre, Pune.**

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, CNC Programming & Machining on Turning Centres.**

FOCUS AREAS

- CNC Machine Technology – CNC Turning Centre
- Machining Mechanics
- Introduction to Manufacturing Processes
- Machining operations
- Understanding of Tool Nomenclature and cutting parameters
- Essentials of Process Planning
- ISO Codification of tools
- Selection of cutting tools for turning operations
- Programming and operation of CNC turning centres.
- Cycle time calculation of turning operations.
- Demo of sample component machining on CNC Machine

KEY TAKE AWAYS

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

- Understanding of various manufacturing processes
- Knowledge on Tool codification and selection of right tool for required applications.
- Understanding of cutting parameters
- Understanding of programming and operation on CNC Turning centres
- Learn about a systematic approach to prove the first component in CNC Machine
- Learn about Machining Process optimization and validation for effective CNC machining.
- Understanding the best practices in the CNC machining area through the right methodology

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. Yuvaraj Patil, Mr. Sushant T, and Other Industry Experts.**

Mr. Yuvaraj Patil is a mechanical engineer having more than 15 years of experience in CNC Machine Shop & Tool Room. He has worked with various companies – ASB International, Videocon, Menon & Menon and PARI. Additionally, he has 8+ years of experience in training engineers in CNC Machining area with hands-on practice.

Mr. Sushant T is an expert in machine tool manufacturing, try-out and proving with 6+ years of experience in NPPL, Super Auto India Ltd. He has worked in Quality assurance and Product development.

For Registration Contact

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