Manufacturing Technology Training
An IMTMA initiative

Cost and Cycle Time Reduction in CNC Machining applications (Milling and Hole Making Operations)
Date : 21 November, 2025
Venue : IMTMA Technology Centre, Pune

INTRODUCTION

Effective utilization of Machines for reduction in cycle time, competitive production costs, improved quality, performance and longevity of machines, is an important role in enhancing productivity especially in large volume production. In the highly competitive market scenario, customers determine the price of a product and entrepreneurs need to continuously fine tune the costs to realize profits. Machine utilization has a major impact in reducing the manufacturing cost of components. For increasing machine on time and improving productivity requires adopting best machining practices.

Keeping this in view, Indian Machine Tool Manufacturers' Association (IMTMA) is organising an online training on **"Cost and cycle time reduction in CNC machining applications"**. Implementing ingenious ideas learnt during the session will help the CNC users to re-sequence machining operations with the existing state of things. **This does not call for any investments**. This will give immediate benefit on cost reduction by producing more with reduced cycle time and improved tool life. **Most participants who implemented the new ideas, says they are able to produce 11-22% improved productivity**. These inefficiencies are no reflection on your in-house machining skills and your capability to remedy them.

FOCUS AREAS

- Tolerances CTQs (Critical to quality)
- Identifying the abnormal situation in the process
- Identifying the causes for the abnormal situation
- Solutions to eliminate the causes for the abnormal situation
- Fineries of Turning centre operations and techniques
- Fineries of Machining centre operations and techniques
- Machining data collection method and worksheet preparation for analysis
- Method of identifying effect of improper applications
- Optimum use of resources to enhance productivity

KEY TAKE AWAYS

- Understand fineries of Application on Machining centre which influence on quality and aesthetic of part machined
- Key factors influencing on cycle time
- Key factors influencing on tool life
- Method of machining DATA collection and analysing to reduce operator/supervisor intervention

PARTICIPATION FEE

Rs. 6600/-
+18% GST
IMTMA Members/ Micro Companies/ Individuals/ Educational Institutions / Students/ IMTMA Non Members/ Others

USD 260/-
Overseas Participants

Group Concession : 10% for 3 to 5 and 20% for 6 and more delegates being nominated from the same company

FACULTY

This program will be conducted by **Mr. Yuvaraj Patil.**

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.

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.