Manufacturing Technology Training
An IMTMA initiative

Cost and Cycle Time Reduction in CNC Turning applications
Date : 20 January, 2026
Venue : IMTMA Technology Centre, Pune

INTRODUCTION

Effective utilization of Turning Centers 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 is organising a training on **"Cost and cycle time reduction in CNC machining – Turning applications".**

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
- 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

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

- 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. 2999/-
+18% GST
IMTMA Members/ Micro Companies/ Individuals/ Educational Institutions / Students/ IMTMA Non Members/ Others

USD 120/-
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.

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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.