



## INTRODUCTION

Reduction in cycle time and machining cost plays 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. Most CNC machines are underutilized with only 20% time effectively spent in cutting & the rest in non-value adding operations. Although the material cost cannot be reduced, the cycle time and machining cost can be reduced drastically.

Reducing cycle time requires eliminating or reducing non-value-added activity. Cycle times are often impacted due to operator errors, cutting parameters, improper work holding, loading and unloading, improper usage of tools / measuring devices and other components needed during the production run.

## FOCUS AREAS

- Knowledge inventory – Turning Centre Applications
- Fineries of Turning Centre operations and techniques
- Machining data collection method and worksheet preparation for analysis
- Method of identifying effect of improper applications
- Best manufacturing practices for optimum use of resources
- Case studies & Exercises

## KEY TAKE AWAYS

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

- Fineries of CNC operations for optimum resource utilisation
- How to identify and reduce idle time
- Optimising NC programme and process parameters
- How to analyse the process systematically for effecting improvement

## 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**

## PARTICIPANT PROFILE

This programme is targeted towards Managers, Engineers, Machine Shop Supervisors and other personnel involved in the functions of Production, Process Planning, Engineering & Manufacturing from Machine Tool, Automobile & Auto Ancillaries, Tool Rooms, Aerospace, Defence and Railway establishments, General Engineering, etc.

Note: Participants are expected to possess basic working knowledge of CNC Machines.

## FACULTY

This programme will be conducted by **Mr. Kashinath. M,**

**Mr. Kashinath. M,** is a Head – Application Support Group at Ace Designers Limited, an industry expert & trainer with 30 years of rich experience in the field of CNC machining. He has trained more than 10K CNC users from various companies all over India. He has specialized in Machining Audit to produce more from existing state of things leading to increase through put.

### For Registration Contact

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### Contact Address

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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.