Manufacturing Technology Training
An IMTMA initiative

Programming for CNC Turning and Milling – Siemens and Fanuc Controller
Date : 11 to 13 February, 2026
Venue : IMTMA Technology Centre, Pune

INTRODUCTION

CNC programming is important because it empowers manufacturers to achieve higher levels of automation, precision, efficiency and flexibility in their machining operations. It enables the production of complex parts with consistency, quality and speed, making it a fundamental component of modern manufacturing processes.

Systematic training in machining is a must to realise the benefits of machining of the component in single set up.

Keeping this in view, Indian Machine Tool Manufacturers' Association (IMTMA) is organising 3 days programme on **Operation and Programming for CNC Turning and Milling – Siemens and Fanuc Controller.**

FOCUS AREAS

- Overview of CNC Machines Technology
- Machining Mechanics
- Machining operations in CNC Turning and Milling
- Type of Cutting tools and Cutting parameters optimization
- G and M Codes
- New Program Writing -Syntax Requirements and Formats
- Structure of Part Program
- CNC Part program for CNC Turning and Milling
- Part Program Exercises
- Program Simulation on software- Fanuc and Siemens
- Demo on machining of sample components in CNC Machines.

KEY TAKE AWAYS

- Understanding of Machining operations - CNC Turning and Milling
- Learn about How to write the part program for Siemens and Fanuc controller
- Learn about Machining Process optimization and validation for effective CNC machining.
- Learn about a systematic approach to prove the first component in CNC Machine.
- Understanding the best programming practices in the CNC machining area through the right methodology

PARTICIPATION FEE

Rs. 6999/-
+18% GST
IMTMA Members/ Micro Companies/ Individuals/ Educational Institutions / Students/ IMTMA Non Members/ Others

USD 280/-
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 16 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 9+ years of experience in training engineers in CNC Machining area with hands-on practice.

He has trained 2000+ Industry professionals in the CNC Machining area, Dimensional Metrology, and Inspection. And trained 400+ fresh graduate mechanical engineers in Production engineering for making engineers industry ready.

Also, he has conducted the training program on Machining fundamentals, Dimensional Metrology, and GD & T for Sigma Electrical, Maruti Suzuki, Volkswagen, Mahindra and ENPRO.

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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.