Manufacturing Technology Training
An IMTMA initiative

CNC Machining Defects Analysis and Troubleshooting
Date : 5 to 6 February, 2026
Venue : IMTMA Technology Centre, Gurugram

INTRODUCTION

In today's competitive manufacturing landscape, the ability to consistently deliver high-quality products while minimizing waste and rework is crucial for success. Machining defects can significantly hamper production outcomes, leading to increased costs, delayed deliveries, and dissatisfied customers. Our training program is specifically tailored to address these challenges head-on, equipping your team with the expertise to identify, prevent, and rectify common machining defects.

Machining defects that impact the quality and productivity of your manufacturing processes. Keeping this view IMTMA is organizing the comprehensive Machining Defects Training Program designed to empower your team with the knowledge and skills needed to minimize errors, maximize precision, and optimize efficiency in your machining operations.

FOCUS AREAS

- Introduction to Machining Defect Analysis
- Common Machining Defects
- Measurement and Inspection Techniques
- Case Studies and Practical Exercises
- Dimensional Accuracy and Tolerance Analysis
- Machining Process Optimization
- Advanced Defect Analysis Techniques
- Implementing Effective Machining Defect Analysis

KEY TAKE AWAYS

Understand the methodology of carrying out proper Die Maintenance

- Participants will develop a comprehensive understanding of common machining defects
- Participants will learn effective techniques and methodologies for analyzing machining defects
- Participants will enhance their problem-solving skills in the context of machining defect analysis
- Gain insights into optimizing machining processes to prevent or minimize defects

PARTICIPATION FEE

Rs. 4999/-
+18% GST
IMTMA Members/ Micro Companies/ Individuals/ Educational Institutions / Students/ IMTMA Non Members/ Others

USD 200/-
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, and Other Industry Experts.**

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 10+ years of experience in training engineers in CNC Machining area with hands-on practice he has trained 3500+ Industry professionals in the CNC Machining area, Dimensional Metrology, and Inspection. And trained 500+ fresh graduate mechanical engineers in Production engineering for making engineers industry ready. Also, he has conducted the training program on Machining fundamentals, Machining Defects Analysis, Cost & Cycle Time Reduction, Dimensional Metrology, and GD & T for Sigma Electrical, Maruti Suzuki, Volkswagen, Mahindra, Fleetguard, Bajaj Auto, Advik Hitech 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.