Manufacturing Technology Training
An IMTMA initiative

Enhancing Productivity in Grinding Operations
Date : 12 to 13 January, 2026
Time : 1340 Hrs to 1700 Hrs (Online Mode)

INTRODUCTION

In any Manufacturing set up Grinding is a Finishing Process which involves multiple parameters like work material with correct heat treatment, Process Parameters, selection of right grinding wheels, Machine requirement and Skill of the operator. A combined knowledge of these aspects can aid in getting the best possible outcome where grinding is needed. Lastly, since it is a final and a critical operation, any rejections at this stage involves high costs. This training program on Grinding Technology is designed with the intention to impart a practical approach for grinding with appropriate industrial case studies.

Keeping this in view, Indian Machine Tool Manufacturers' Association (IMTMA) is organising a 2 day programme on Grinding Technology to Enhance Productivity.

FOCUS AREAS

- Basic principle of Grinding
- Classification of grinding Process
- Types of Grinding machine
- Grinding System
- Economic Aspects of Grinding System
- Influence of Work materials properties on finishing methods
- Grinding Wheel Specification & Selection Process
- Standard Recommendation of Grinding Wheels
- A System Approach for use of Vitrified Bonded Super abrasive Wheels
- Abrasive Tool Development (with case studies)
- Right Mounting for Safe handling
- Balancing of Grinding Wheels (Static & Dynamic Balancing)
- Selection of Process Parameters in Precision Grinding
- Super Finishing Process
- Hard Turning Vs Grinding
- Industrial case studies in Cost reduction & Enhancing Productivity in Grinding Process

KEY TAKE AWAYS

At the end of the program, the participant shall understand:

- Grinding Principles
- Criticality of different grinding process
- Safety in grinding operations
- Grinding process optimization with respect to Quality, Cost &Delivery
- Enhancement of Productivity in Grinding process

FEE PER PARTICIPANT (PER LOGIN)

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 30% for 6 and more delegates being nominated from the same company

FACULTY

The program shall be delivered by **Mr N Srinivas & Mr V Madhu**

Mr Srinivas is a Mechanical Engineer by qualification, with a post diploma in Marketing & sales management, a Diploma in Statistical quality control and a Six sigma black belt. He carries more than 25 years of experience handling Technical engineering planning at Bosch and has deep expertise in grinding technology. In his professional career, he has been associated with Bosch for 28 years, which includes 3 years as Head of Process planning, UCAM Pvt ltd, Electronica Machines tools and XNG Automation. He is currently associated with Siri Chratered engineers as Managing Partner providing Technial training solutions and HR Solutions.

Mr V Madhu, is a Mechanical engineering professional, with over 25 years experience in the manufacturing sector. He has handled Quality audit for over 5 years and has been a Technical trainer for 16 years at Bosch providing training on manufacturing operations, Hydraulics, Pneumatics and machine maintenance. Besides he is a qualified HR professional with a stint in the HR function at Bosch.

For Registration Contact
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REGISTRATION : Prior registration with an online advance payment is must. Number of participants is limited and will be accepted on 'First Come First Serve' basis. A Certificate of participation will be issued to participants.