

Last date for registration 14 December 2026

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 is view, Indian Machine Tool Manufacturers' Association (IMTMA) is organizing a 2 day interactive programme on "**Grinding Technology to Enhance Productivity**".

Note: “Dear Participant, kindly note that, as the program will be scheduled at Hosur Industries Association, Hosur, the tax invoice will be issued under **IMTMA Tamil Nadu GST (GSTIN: 33AAACI1369M3ZG)**. Kindly raise the Purchase Order accordingly. No changes will be permitted after the invoice is generated.”

“For any clarifications, please contact the program coordinator.”

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

PARTICIPATION FEE

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

Rs. 2500/-
+18% GST
Professors

Rs. 999/-
+18% GST
Student

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 programme will be conducted by, IMTMA Subject Matter Expert.

For Registration Contact

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