Manufacturing Technology Training
An IMTMA initiative

Enhancing Productivity in Grinding Operations
Date : 22 May, 2026
Venue : IMTMA Technology Centre, Bengaluru

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 is organising a training 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

PARTICIPATION FEE

Rs. 2999/- +18% GST	Rs. 999/- +18% GST	USD 120/-
IMTMA Members/ Micro Companies/ Individuals/ Educational Institutions / Students/ IMTMA Non Members/ Others	**Professors/ Student**	**Overseas Participants**

Group Concession : 10% for 3 to 5 and 20% for 6 and more delegates being nominated from the same company

FACULTY

The program shall be delivered by **Mr N Srinivas,**

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.

For Registration Contact

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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.