

INTRODUCTION

Whereas Sectors and Industries like Aerospace, Energy, Marine Engines, Railway, Earth Moving Equipment, Agro-Equipment, Defense, Heavy Engineering, Die-Mold, Large Gearbox makers, Large size Machine Tool Parts and Press makers use big size machine tools; owing to the size of job and size of machines the sources of errors and inaccuracy get magnified yet the expected Quality level and tolerances still remain very tight. There are special challenges in ensuring Quality compliance as well as overall Productivity Performance and Manufacturing Efficiency.

In order to discuss, analyze and explore possible ways to improve IMTMA is organizing a one-day course on **Ways to overcome challenges in the machining of large components**

FOCUS AREAS

- Specific Challenges of Machining Large Parts
- Static & Dynamic Precision
- Comparison of various morphology of large machines and their typical vulnerabilities
- A difference that Work holding can make
- Use of Attachments
- A difference that 5 axes machine make
- Differences that Cutters and machining strategies can make
- Considerations for Installing Large machines
- Inspection of large parts
- Tooling for large part machining

KEY TAKE AWAYS

- What Quality to expect realistically?
- Understanding of vastly different requirements and Best Practices for different kinds of machining operations
- Acceptance norms and accuracy standards of machines
- Measuring machining performance
- Problems with “Used Machines”

PARTICIPATION FEE

Rs. 4500/-
+18% GST

**IMTMA Members/ Micro Companies/ Individuals/
Educational Institutions / Students/ IMTMA Non
Members/ Others**

USD 180/-
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. Avinash Khare, Mr. Parag Alekar(Nicolas Correa India) & Industry experts from Mastercam & Nickunj Eximp Enterprises.**

Mr. Avinash Khare is presently working as a Consultant Head for IMTMA Pune Technology Centre for the last 5 years; he has been designing, developing content and delivering a wide range of Training Courses as a Faculty. He is Electrical Engineer by Qualification and he has worked for over 33 years at Tata Motors Pune in various capacities ranging from R&D in Industrial Electronics, Machine Maintenance, Technology Procurement, Head of Machine Shops, Tool Room Shop Head, Head of Die Design and Champion in Business Excellence. He has taught Instrumentation and Bio-Medical Instrumentation at Pune University as part-time faculty.

For Registration Contact

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