

INTRODUCTION

There are many Advanced Technology Metrology Solutions which have become available to Industry in recent years covering: Non-Contact Optical Metrology, Portable at site Metrology Devices for Large size Jobs, Digitization based Metrology, In Process Metrology and Laser Based Metrology.

Although these technologies exist for niche application segments for some time; but these are never taught comprehensively and systematically for their relative features.

Keeping this in view, Indian Machine Tool Manufacturers' Association (IMTMA) is organising a three hour online training on Advanced Technologies in Metrology.

FOCUS AREAS

- What all may be measured? Types of Metrology
- Anatomy of Advanced Technology Metrology System
- Transducers Technologies used in metrology In Line Metrology
- Digitizers: Laser Scanner, White Light / Blue Ray Scanner
- Portable Metrology: Laser Tracker, Articulating Arm, Probes with optical targets
- Photogrammetry with Reference
- Laser Distance Measurement , White Light Interferometry, Optical Profilers
- Laser Bore Measurement & Alignment

KEY TAKE AWAYS

- CMMs vs In Process Metrology
- New Technology in Metrology
- Relative Comparison of various technologies
- Options for on-site Metrology for Large size jobs
- Adjustments in Advanced Metrology Systems
- Automated Advanced Metrology System
- Industry 4.0 Compatible Features in Metrology

FEE PER PARTICIPANT (PER LOGIN)

Rs. 2000/-
+18% GST

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

FACULTY

This program will be conducted by **Mr. Avinash Khare.**

Mr. Avinash Khare, is presently working as a Consultant Head for IMTMA Pune Technology Centre for last 5 years ; he has been designing, developing content and delivering 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

Shashank Kumar Singh
Programme Coordinator
7571081726
gurgaontraining-sks@imtma.in
Nishant Singh
9823174010
nishant@imtma.in

Contact Address

INDIAN MACHINE TOOL MANUFACTURERS' ASSOCIATION
Plot 249F, Phase IV, Udyog vihar, Sector - 18,
Gurgaon - 122015
Tata no- +91-124-6463101
Tel : 0124 4014101 - 04
Fax : +91-124-4014108



imtmatraining.67038796@hdfcbank