



Last date for registration 10 May 2018

## FOCUS AREAS

- Variance and Standard Deviation
- Normal distribution and Histogram
- Process Capability : Concept of Cp, Cpk, Cm, Pp and Ppk
- Effect of Variation
- Hands-on exercises in Cp, Cpk Calculations
- Plotting Control Charts

## KEY TAKE AWAYS

After undergoing the programme, the participants will be able to -

1. Calculate standard deviation and plot normal distribution
2. Calculate Cp, Cpk, Pp and Ppk; relate values to distribution
3. Plot control chart for variables; X bar R chart and interpret the same
4. Control charts for attribute data
5. Use of software for process capability studies
6. Process capability for unilateral and geometric tolerances

## PARTICIPATION FEE

**Rs. 7500/-**

IMTMA Members / Micro Companies / Individual

**Rs. 8500/-**

IMTMA Non Members

**Rs. 4250/-**

Educational Institutions / Students

+ 18% GST per participant

**Group Concession** : 10% for 3 to 5 and 20% for 6 and more delegates being nominated from the same company  
**Special concession available for Faculty & Students from engineering colleges**  
(subject to availability of seats)

**Register for this Programme**

## PARTICIPANT PROFILE

This programme will benefit practicing engineers, supervisory personnel and middle management involved in the functions of Design, Production, Application Engineering, Inspection, Machine try-out & Acceptance, Quality Assurance, Vendor Development and other related functions from Machine Tool, Automobile & Auto Ancillaries, Tool Rooms, Defence, Railway units, General Engineering and Other Capital goods manufacturing industries.

**Note** : Participants are requested to bring a scientific calculator to be used during the programme.

## FACULTY

This programme will be conducted by **Mr. Gautam Doshi, Advisor, IMTMA.**

**Mr. Doshi** is a B.Tech. (Mech) from IIT, Powai and an industry expert with over 35 years of experience in Machine Tool and Automotive industry. He has conducted several training programmes, seminars & workshops on machine tool related subjects. He is a consultant to reputed companies in the area of Productivity and Quality improvement and Adviser to many companies manufacturing automotive components and Dies & Moulds. Mr.Doshi is former Vice President & Technical Director, PMT Machine Tool Automatics Ltd., Pune and has also served in Tata Motors for over 5 years. He is the author of several IMTMA publications such as 'First Time CNC', Guidelines on Process Capability to name a few.

## For Registration Contact

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## Contact Address

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Bangalore - 562 123

Tel : 080-66246600  
Fax : 080-6624-6658

**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.