

INTRODUCTION

Statistical Process Control (SPC) gives operators a tool to monitor stable processes and to identify when the process is going out of control due to special causes so that problems can be addressed before product quality is affected significantly.

Applying SPC on a company’s processes provides meaningful insight into the process. For doing so one needs to learn SPC techniques and apply them. Data generation and analysis are key to delivering a lean manufacturing setup, thereby optimizing costs and maximizing profits to your organization.

Keeping this in view, IMTMA is organizing an online training of 6 hours on **Statistical Process Control (SPC)**.

FOCUS AREAS

Statistical Process Control (SPC) gives operators a tool to monitor stable processes and to identify when the process is going out of control due to special causes so that problems can be addressed before product quality is affected.

- Understanding of common and special causes variations
- QC Tools
 - Run chart
 - Scatter Diagram
 - Mean & Range chart
 - Histogram
 - Normal Distribution & proof of normality
- Machine and process capability
- Application of control charts for variables
- Application of control charts for attributes
- Analysis of control charts

KEY TAKE AWAYS

- Describe the purpose and uses of SPC
- Gain a practical insight into the application of SPC techniques on the shop floor in order to carry out quality
- Improvement projects in the organization
- Determine the basic type of control chart to use
- Collect data and construct basic control charts
- Interpret control chart results

FEE PER PARTICIPANT (PER LOGIN)

Rs. 4500/-
+18% GST

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

USD 180/-
Overseas Participants

Group Concession : 20% for 3 to 5 and 30% for 6 and more delegates being nominated from the same company

PARTICIPANT PROFILE

This course is ideal for those who are responsible for product development, operations management, quality control, and engineering including department managers, supervisors, quality representatives, engineers and administrative staff who have a focus on business improvement, performance and profitability.

FACULTY

This programme will be conducted by **Mr Gautam Doshi**, Consultant.
Mr Doshi is a B.Tech. (Mech) from IIT, Powai and an industry expert with over 45 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 an 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

Nishant Singh
Programme Coordinator
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

