

◆ Five Day Certification Course On

Statistical Problem Solving Tools

- First Session -June 16-17, 2010 Wed-Thu 9.30 am - 5.00 Pm
- Second Session - June 22, 23, 2010 Tue-Wed 9.30 am - 5.00 Pm
- Final Exam - June 28, 2010 9.30 am -12.30pm

First Session:-

◆ Problem Solving Tools

June 16-17, 2010 Wed-Thu 9.30 am - 5.00 Pm

CONTENTS:

1. Steps To Problem Solving -
 - * Importance of Data - Collection, Analysis And Interpretation
2. Seven Tools of Q. C.
 1. Check Sheet
 2. Cause and Effect Diagram
 3. Pareto Diagram
 4. Graph
 5. Histogram
 6. Scatter Diagram
 7. Control Chart
3. What Is 8 Ds Problem Solving?
4. Understanding Each 'D' from Team Approach to Congratulate the Team.
5. How To Meet Top Management's Expectations Through '8d' Problem Solving Method.
6. Different Problem Solving Methods / Tools
7. Apply The Appropriate Problem Solving Tools Through The Process.
8. Communication Skill / Team Building & Small Group Activities.
9. Leadership Styles In Problem Solving.

Second Session:-

STATISTICAL PROCESS CONTROL (SPC)

- (June 22, 23, 2010 Tue-Wed 9.30 am - 5.00 Pm)

1. Introduction to SPC and its application in maintaining all critical processes under statistical control in order to enhance quality
2. Introduction to probability
3. Process Capability and distribution
4. Concept of 'Process variation'
5. Total quality management (TQM)
6. Specifications and Tolerances
7. Data management

8. Histogram , General Tendency and spread, Types of Histogram with exercises
9. Normal distribution & applications
10. Control Charts – (i) Variables Chart
(ii) Attributes Chart
11. How to construct Control Charts & Advantages & Disadvantages
of Control Charts with exercises
12. SPC for batch mode and small production
13. Process control procedures.
14. Implementation of SPC
15. Introduction to Six Sigma

Methodology:-

- ◆ Course will be conducted through lectures, discussions, case study and exercises.
- ◆ Exam will be conducted on June 28, 2010 after successfully passing the exam certificate will be given to the participants.

PARTICIPANTS' PROFILE

Program will be useful for Engineers, Managers from Production, Quality Assurance, Process Planning, etc.

COURSE REGISTRATION:

- Rs. 8,000/- (Rs. Six Thousand Only) per participant for 3 or more participant from same company
- Rs. 7,500/- (Rs. Seven Thousand Five Hundred Only) per participant for 3 or more participant from same company

**(Outstation payment by DD only, Cheque / DD should be drawn in favor of –
“Poona Divisional Productivity Council”)**

NOMINATIONS

Kindly fax / email your nominations to -
Program Co-ordinator,

Poona Divisional Productivity Council

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Medium:-English

Venue:-

Hotel President, Prabhat Road, Pune.