



QUALITY CIRCLE FORUM OF INDIA Chennai Chapter

One Day Training Programme on “Application of Minitab for Data Analysis”

on

Saturday 20th August 2016



Venue

Conference Hall

Quality Circle Forum of India, Chennai Chapter
Module No, 36, Second Floor,
Garment Complex, Thiru – Vi – Ka Industrial Estate,
Guindy, Chennai – 600 032
Phone No. 22500622

Co-ordinator

Mr.V. Thiagarajan

GC Member, QCFICC

Mr. T.R. Narasimahan
Chairman

Prof.C.Uthayakumar
Secretary

Mr. S. Sundaram
Treasurer

One Day Training Programme on "Application of Minitab for Data Analysis"

1. INTRODUCTION:-

Quality Circle Forum of India, Chennai Chapter, regularly conducts training programmes and competitions on various manufacturing techniques like Lean, Mistake Proofing, SMED, Kaizen, etc. In continuation with globalization, Six Sigma and analysing and interpreting data through statistical techniques are gaining importance in problem solving methods currently world over.

QCFI is starting the new initiative of spreading the importance of six sigma and is spreading its wings on educating members of six sigma concepts and creating awareness on six sigma. In this endeavour, knowledge on "Application of Minitab" for statistical data analysis gains importance. Application of statistical techniques on the collected data is essential to draw meaningful conclusion whether it is for quality improvement, enhancement of productivity, elimination of defects, achievement of customer satisfaction etc.

Minitab is a software package that helps to analyse data. Analysing data is an important part of Six Sigma. Particularly in the Measure and Analyse phases of DMAIC, Minitab provides a quick, effective solution for the level of analysis required in most Six Sigma projects.

This training is for introducing the capabilities of Minitab software to do various statistical data analysis and arrive at meaningful conclusions. At the end of this course, the participants will be enough knowledge to use Minitab for analysing pertinent data of their respective organizations.

2. CONTENTS OF THE PROGRAM:

<ul style="list-style-type: none">* Introduction to Minitab* Basic calculations through Minitab functions* Basic tools or data collectionPreparation of simple graphs, bar charts, pareto diagram, histogram, scatter plot, box plot* One sample Z test, test* Hypothesis testing* Control charts* Testing data for normality* Process capability analysis	<ul style="list-style-type: none">* Estimation of descriptive statistics* Estimation of correlation coefficient* Performing regression analysis* Preparation of time series plot* Normal probability distribution* Analysis of variance— One way and Two way* Multiple regression analysis* Measurement system analysis* Design of experiments
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3. METHODOLOGY OF TRAINING:

The training will be through hands on trial with Laptop loaded with Minitab. Each statistical technique application will be explained with relevant data with try out by each participant

4. FOR WHOM:

This program is open to manufacturing, purchasing, quality, product and process design and project management engineers and executives of all manufacturing organizations. This is also open to six sigma trained persons and doing six sigma projects

5. FACULTY:

Mr.V.Thiagarajan A post graduate mechanical engineer from IIT, Madras, with 33 years of experience in M/S WABCO INDIA Limited, M/S Sundaram Clayton Limited M/S Hindustan Aeronautics Limited Has vast experience in Automotive and Aerospace component design, development and testing. Heading TQM & Six Sigma function and responsible for TQM promotion, sustenance, Total employee involvement, training and standardization for more than 12 years.

6. VENUE:

A/C Training Hall of Quality Circle Forum of India, Chennai Chapter. (Near to HTL, Opp Balaji Hospital on GST Road, Guindy 2nd Floor Door No. 36 Phone No 22500622)

7. DATE AND TIME:

Saturday :20th August 2016 Course Duration:9:00 am – 5:00pm
Enrolling & Registration time:08:30 am

8. COURSE FEE:

The fee is ₹ **2000/- plus ST @15%** per participant payable by DD/Cheque in favour of **QCFICC**. The fee includes Laptop with Minitab software loaded for hands on trial for that day of training, cost of course material, lunch and refreshments.

9. REGISTRATION:

Only **25** participants will be admitted on first come first served basis. Please send your nomination(s) in the enclosed form along with Cheque / DD to reach us on or before **18th August 2016**.

- 1) Name & Designation: a.
b.
c.
- 2) Name of the Organisation :
- 3) Address :
- 4) Telephone No. :
- 5) E-mail: 6) Person to be Contacted:

DETAILS OF PAYMENT

Enclosed a Cheque / DD No Dated
for ₹.....(Rupees
.....only) drawn on Bank,
branch. Cheque / DD should be drawn in favour of **“QCFI Chennai Chapter” payable at Chennai.**

Seal

Signature
Name & Designation

Please send your nomination details to the address given below so as to reach us on or before **18th August 2016**

The Secretary,

Quality Circle Forum of India, Chennai Chapter,
Module No 36, Second Floor, Garment Complex,
Thiru Vi-Ka Industrial Estate, Guindy, Chennai – 600 032.
Phone No.044 22500622 - email : qcficc@yahoo.co.in