

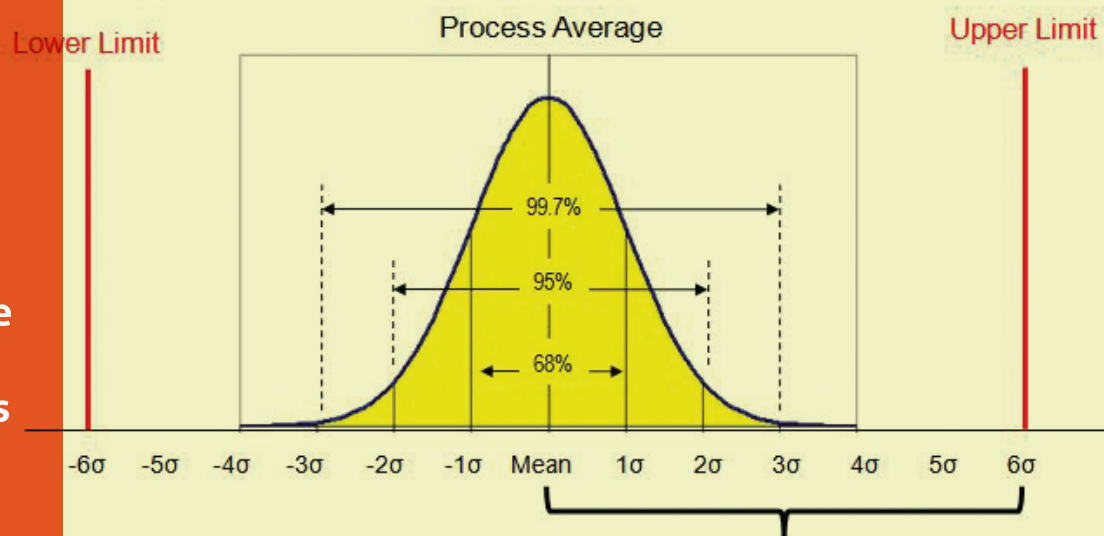
April 10th to 13th, 2019

QUALITY CIRCLE FORUM OF INDIA

For over five decades now, professionals have been promoting quality control / quality assurance in organizations all over the World, but their efforts have met with only a partial success. Several factors contributed to this situation, including operational and conceptual deficiencies. Perhaps the top managements in the past did not face enough threats and opportunities to take quality seriously. The emerging global economic environment has now prompted them to implement quality for the very survival and continued success of their business. As a result captains of industry as well as the government have taken the lead in promoting quality improvement to strengthen the competitive processes and speed up economic growth.

The best approach currently available is Six Sigma philosophy which has been proved very effective as methodology for business competitiveness. Six Sigma lays great emphasis on processes and their improvement; equally it recognizes importance of people and their pro active role in making the processes cost effective through Six Sigma methodology.

Six Sigma is a highly disciplined methodology and well structured practice that provides the tools you need to achieve consistent and high performance results from the processes.



By improving performance and reducing variation, Six sigma allows organizations to become customer - focused, and data-driven decisions that ultimately results in reduction in product defects, increased profits, employee morale and high quality products , a win-win situation for every one involved.

It is therefore QCFI planned to organize a " Six Sigma Green Belt Certification Workshop " for 4 days in from April 10th to 13th , 2019 at QCFI Training Centre.

The workshop is designed and developed by the experts who have an excellent knowledge and experience in implementation of Six Sigma, application of statistical tools and techniques and the problem solving methodology in variety of industries.

The Green Belt certification workshop provides the participants in-depth understanding and use of DMAIC process and problem solving tools and techniques towards organizational Excellence .After attending the work shop the Participants are required to take up a project related to Cost reduction,Productivity improvement ,Scrap reduction, Quality improvement etc., for a maximum period of TWO months, during which guidelines will be provided by QCFI Experts on reasonable charge.

This workshop will be conducted by the practicing consultants.

Dr. A. Sanjeeva Rao
Vice President, QCFI

Mr. D.K.Srivastava
Excutive Director, QCFI

PROGRAMME COVERAGE

Body of Knowledge -Six Sigma Green Belt

The Program covers introduction to six sigma , Enterprise Leadership, understanding Leadership Roles / Responsibilities of Master Black Belt, Black Belt, Green Belt, Champions & Process Owners and DMAIC process as a methodology of problem solving.

DEFINE

- Project Definition
- Project Charter
- Developing a Business Case
- Translating Customer Needs into Specific Requirements (CTQs)
- SIPOC Diagram and other project scoping tools

ANALYSE

- Detailed Process Mapping of Critical Areas
- Brainstroming
- Cause and Effect Analysis
- Data segmentation and Stratification
- Verification of root Causes
- Determining Opportunity for Improvement
- Testing of hypothesis
- Simple Regression Analysis

CASE STUDIES

- Six Sigma Implementation

MEASURE

- Process Mapping (As – Is Process)
- Data Types (Discrete and continuous)
- Data Collection Techniques
- Graphical representation of data
- Concepts of variation
- Calculating Process Sigma level
- Calculation of Baseline Performance
- Measurement system analysis MSA

IMPROVE

- Principles of Experimentation and Strategies
- Basic Designs of Experiments
- Planning for Implementation
- Strategies for Implementation of Solutions

CONTROL

- Assessing the Results of Process Improvement
- Statistical Process Control (SPC)
- Control Charts for both Discrete and Continuous Quality Parameters.
- Standardization of Process
- Developing a Process Control Plan

DEFINE ANALYZE IMPROVE
MEASURE CONTROL

PROGRAMME DATES

April 10th to 13th, 2019

Reporting time : 8.30am on 10th April 2019 for Registration

VENUE

Quality Circle Forum of India
TQM Division

PROGRAMME FEES

Rs. 16,000/- per candidate
(Rupees Fifteen Thousand only.)

In addition , GST of 18% is applicable .

Fee includes

Workshop material, lunch, tea/coffee
and snacks during the actual days of the
workshop.

10% discount on workshop fee for
QCFI life members

or 10% discount iif 4 or more
participants sponsored from same
organization.

or Participants can avail the
opportunity to Redeem points earned
from NCQC 2018 (Gwalior) towards the
program fee.

Please login into your QCFI membership
account @ <http://qcfi.in/qcfihq>
and click on Training Programs to
register.

CERTIFICATION REQUIREMENTS

Active participation during lecture sessions
and group assignments and Passing
of examination at the end of 4 days of
training.

Certificate of " Six Sigma-Green Belt "
will be issued to all the participants
who get minimum of 70% marks and
completion of a project

FACULTY

Experienced faculty from QCFI,
who have both theoretical and
practical knowledge in implementation
of Six Sigma in variety of industries.

REGISTRATION

Participants may register their names
by sending the registration forms duly
filled -in along with a cheque / D.D
drawn infavour of " **QCFI Head
Quarters** " payable at address given
below

PROGRAMME DIRECTOR

Dr. A. Sanjeeva Rao

M.Stat.,(SQC & OR), DSQC, Ph.D.(TQM)
Vice President - QCFI

Note: Any one of the above discounts can be availed



QUALITY CIRCLE FORUM OF INDIA

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