



ANNA UNIVERSITY AU TVS CENTRE FOR QUALITY MANAGEMENT

LEAN SIX SIGMA YELLOW BELT

One Day Intensive Certificate Training Program

Six Sigma is an overall approach that combines Six Sigma concepts and tools to the lean manufacturing / lean enterprise philosophy, striving to eliminate waste of physical resources, time, effort and talent, while assuring quality in production and organizational processes.

Objective

- To evoke an appreciation on the fundamental concepts to sustain a culture of process and result oriented improvement.
- To impart the strong conceptual framework and the practical skills on the appropriate tools, techniques & methods at the specific place of work for attaining excellence.

Mail stamp size photo to autvscqm2015@gmail.com with the following specification.

- A recent stamp size color photo taken against white background only.
- If you wear glasses make sure that there are no reflections
- Cap, hat and dark glasses are not acceptable.

Time: 9.30 am – 5.00 pm

**Venue: AU TVS CENTRE FOR QUALITY MANAGEMENT, ANNA UNIVERSITY.
(Behind Vivekananda Auditorium)**



Date: September 07th (Saturday) 2019

RESOURCE FACULTY

A very highly specialized expert resource faculty panel with very rich knowledge from Academia - highly reputed and leading Educational Institutions and Senior Executives from companies, with deployment skills, practicing TQM concepts successfully involve and contribute.

Admission

1. Restricted to 20 on First Come First Serve Basis.
2. Last date of Registration 04-September-2019.

Certificate will be awarded to all the participating delegates.

PAYMENTS DETAILS

Course Fee: ₹ 2,250/- Includes professional fee (Exclusive of TDS), Course Kit, Lunch & refreshments, Certificate, etc.

Payment can be made by cheque / DD in favour of "AU TVS Centre for Quality Management" and send through courier or in person.

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autvscqm@annauniv.edu / autvscqm2015@gmail.com**



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Content

1. Introduction
 1. Lean Six Sigma Defined
 2. Input Determines Output
 3. Success Stories
 4. The 99.9% Problem
 5. The Sigma Level
 6. Calculating the Sigma Level
 7. Lean Six Sigma Framework
 8. Lean and DMAIC
 9. Project Charter Toolset
 10. Process Mapping (SIPOC) Toolset
 11. Process Flow Charts and Swim Lanes
 12. Value-Added Flow Charts
 13. Affinity Diagram Toolset
 14. CTQC Tree Diagram Toolset

- DMAIC (Define, Measure, Analyze, Improve, Control)
 - 1. DEFINE**
 - a. Measurement & Metrics
 - b. Trend Chart Toolset
 - c. Histogram Toolset
 - d. Quantifying Process Variability
 - 2. MEASURE**
 - a. Cause & Effect Diagram Toolset
 - b. 5-Why, 1-How
 - c. Scatter Plot Toolset
 - 3. ANALYZE**
 - a. FMEA Toolset
 - b. Brainstorming
 - c. Prioritizing and Selecting a Solution
 - d. Piloting a Solution
 - 4. IMPROVE**
 - a. Control Plan
 - b. Standardized Work - Documenting Process Changes
 - 5. CONTROL**

Lean Six Sigma Yellow Belt Registration Form

Name (Mr. / Ms.) :

Name of the Organization :

Designation :

Academic Qualification :

Address :

Mobile :

E-Mail :

AU TVS CQM program certificate holders: Yes / No (Enclose certificate copy)

Special Concession 10% discount for AU TVS CQM program certificate holders with certificate copy.

Payment can be made by cheque / DD in favour of "**AU TVS Centre for Quality Management**" and send through courier or in person.

Enclose the Cheque / DD No. :

Amount: **2,250/-** Date:

Bank:

Signature with date

To:

The Director,
AU TVS Centre for Quality Management,
Anna University, Chennai – 600 025.