



# ANNA UNIVERSITY AU TVS CENTRE FOR QUALITY MANAGEMENT

17<sup>th</sup> Batch

## CERTIFICATE COURSE **LEAN SIX SIGMA YELLOW BELT** One Day Intensive Training Programme

Date: December 9<sup>th</sup> 2018

Fee: ₹2250/-

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.

Six Sigma Yellow Belt is the starting point of Six Sigma qualifications and is aimed at those who are new to the world of Six Sigma and are keen on developing basic knowledge about the methodology. This is an entry-level certification for professionals who are looking to get an overview of Six Sigma and DMAIC. The knowledge gained through this certification helps the workforce in understanding the concepts and potential of Six Sigma tools and process improvement methodologies within the enterprise.



### Content

#### Introduction

- Introduction
- Higher Standards for Higher Performance
- Lean Six Sigma Defined
- Input Determines Output
- Success Stories
- The 99.9% Problem
- The Sigma Level
- Calculating the Sigma Level – Toolset
- DNA of a Champion
- Lean Six Sigma Framework
- DMAIC - The Lean Six Sigma Improvement Process
- Lean and DMAIC
- Organizing for Success
- Working Relationships
- What's In a Name?
- Session 1 Skill Check

#### Tools for Improvement Define and Measure

- Introduction
- Project Charter Toolset
- Process Mapping
- Process Mapping (SIPOC) Toolset
- Process Flow Charts and Swim Lanes
- Value-Added Flow Charts
- Affinity Diagram Toolset
- CTQC Tree Diagram Toolset
- Voice Of The Customer As Specifications
- DEFINE Progress Review

#### Tools for Improvement Define and Measure

- Measurement & Metrics
- Trend Chart Toolset
- Histogram Toolset
- Quantifying Process Variability
- SPC - Introduction and Background
- X and Moving Range Charts - Toolset
- Pareto Chart Toolset
- MEASURE - Progress Review
- Exercises and Quiz

#### Tools for Improvement Analyze, Improve, and Control

- Introduction
- Cause & Effect Diagram Toolset
- 5-Why, 1-How
- Scatter Plot Toolset
- ANALYZE - Progress Review
- FMEA Toolset
- Brainstorming
- Prioritizing and Selecting a Solution
- Piloting a Solution
- IMPROVE - Progress Review
- Control Plan
- Standardized Work - Documenting ProcessChanges
- CONTROL - Progress Review

**Time: 9.30 am – 5.00 pm**

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

#### Contact

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**Enquiry:** Kindly email your query with your phone number to [autvscqm@annauniv.edu](mailto:autvscqm@annauniv.edu) / [autvscqm2015@gmail.com](mailto:autvscqm2015@gmail.com)



## DELEGATE REGISTRATION FORM

Lean Six Sigma Yellow Belt

Name (Mr. / Ms.) :  
Name of the Organization :  
Designation :  
Specify your identity document enclosed :  
(Company ID /Pan Card/ Voters Id/ Passport/ Driving License/Aadhar card)  
Products/Service of the Organisation :  
Academic Qualification :  
Experience. (Years) :  
Address (Residence/Company) :  
Telephone :  
Mobile :  
E-Mail :

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**Admission** 1. Restricted to 20 on First Come First Serve Basis.  
2. Last date of Registration **04- December -2018.**

**Certificate** will be awarded to all participating delegates.

### PAYMENTS DETAILS

**Course Fee: ₹ 2,250/-**

Includes professional fee (Exclusive of TDS), Course Kit, Lunch & refreshments, Certificate, etc.

✓ **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 sent through courier or in person.

Enclose the Cheque / DD No. :

Amount :

Date:

Bank:

Signature with date

To:

**The Director,  
AU TVS Centre for Quality Management,  
Anna University, Chennai – 25.**