

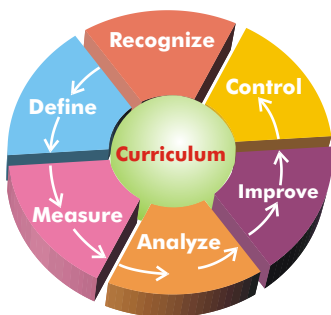


Lean Six Sigma Yellow Belt Certification Programme

2 Days Certification Programme

What Lean Six Sigma Practitioners do in an Organisation ?

- *Lead breakthrough projects using Lean Six Sigma Methodologies*
- *Eliminate defects from the Business Processes*
- *Optimise resource utilisation in the Business Processes*
- *Reduce the lead time in Business Processes*
- *Use Statistical & Lean tools to analyse problems*
- *Contribute towards perpetuity of the organization*



- ▣ **Create Inhouse Facility for Lean Six Sigma Deployment**
- ▣ **Revolutionise Breakthrough Management Strategies**
- ▣ **Be A Competent Practitioner/Trainer par excellence**

Uniqueness of this Course

Six Sigma Alchemy (P) Ltd. (SSA) has been pioneering in Six Sigma Consulting in India since 1999. SSA has a wide experience in consulting corporates such as L & T, ICICI, ABN-AMRO, Bombay Dyeing and many more. Traditionally, Six Sigma focuses only on defect reduction from a process which yields only a marginal financial benefits, where as Lean Six Sigma combines the resource productivity improvement techniques with Six Sigma to yield large financial benefits. SSA is the only organization which offers Yellow Belt / Green Belt / Black Belt courses on Lean Six Sigma.

Scope of the Training Programme

In light of the growing quality awareness and to meet the Indian industry requirements of facing globalization, SSA is offering an entry level six sigma certification programme. Yellow Belt is the start of the six sigma competency building which can lead to Green Belt, Black Belt & Master Black Belt Certifications respectively.

This course offers overview of the Lean Six Sigma curriculum with experience in Hands-on workshops. The participants are evaluated through written examinations & re-caps sessions and awarded certificates after successfully meeting the requirements.

Programme Motivation

In today's dynamic and highly competitive global scenario, enhancing customer satisfaction with tight controls on the operating costs, have become the prime tasks for all organizations. Looking at the developed nations such as USA, service industries / service functions play a vital role in the economy, accounting to 80% of the GDP. This trend is growing rapidly around the world. Even with the manufacturing units, it is common to have only 20% of product cost driven by direct manufacturing cost; and the balance 80% of product cost driven by indirect costs associated with support functions and cost of design. To improve competitiveness in service industries / non-manufacturing operations; process re-engineering in a systematic and scientific way is essential.

Applying Six Sigma in selected outputs provides limited gains; since majority of the processes will still remain unattended and would be still inefficient. Hence review of all key business processes is essential to tone up the organization, while launching Six Sigma initiatives. The Lean Six Sigma approach improves resource productivity and phenomenally brings down the cost. The ultimate in the scale of excellence is considered to be attaining Six Sigma level of quality (3.4 PPM defects per million opportunities) i.e. 99.99967% of the output of a process is defect free.

Most of the Standards/Quality Initiatives can be considered for setting up the Quality Management System, but they do not assure defect free products or services unless they are driven by Six Sigma initiative. The Six Sigma movement is found to be a powerful vehicle through which an organization can drive excellence with full employee involvement. Six Sigma puts every process under microscope; it yields substantial gains to the industries in terms of achieving customer satisfaction and profitability.

Lean Six Sigma helps you to achieve large-scale process improvements as compared to Six Sigma applied in few selected outputs. Lean Six Sigma techniques are attained by combining the Six Sigma methodology, along with process simulation using advanced software. In addition to this are concepts like Just-in-time (JIT), Total Productive Maintenance (TPM), Single Minute Exchange of Dies (SMED) and Business Process Re-engineering (BPR) to achieve higher quality, faster services at lower cost. Lean Six Sigma is a tool that focuses on process re-engineering, leading to phenomenal improvements in resource productivity and other performance measures.

Lean Six Sigma is to achieve greater bottom-line results and is more effective than Six Sigma which focuses only on defect elimination through process improvements. Lean Six Sigma is ideal for all service industries and manufacturing industries. Lean Six Sigma movement brings about tremendous change in the working culture of the organization.

Programme Objectives

This programme is intended to take you through the Lean Six Sigma roadmap to success in respective **service and manufacturing** industry by

- helping various industries to understand and appreciate Lean Six Sigma quality movement and relating the same to the organisational quality programs
- providing sufficient knowledge and skills to the organisations for choosing Lean Six Sigma methodology for cost reduction and quality improvements, and achieving world class benchmarks
- motivating companies to choose Lean Six Sigma initiative if trained Black Belts are present in the organization

Programme Content

1. Introduction to Six Sigma and Lean Six Sigma
2. Building Blocks of Lean Six Sigma
3. Six Sigma Quality Movement objective
4. Journey to excellence with the help of Six Sigma
5. Important points for application of RDMAIC methodology
6. Calculations on Six Sigma Scale
7. Workshops for Manufacturing & Service industry
8. Recap Session

Note:

The programme is designed to cover not only the theory, but also a hands-on workshop to apply the six sigma project selection methodology. To avail the maximum benefit of this workshop, it is advised a team of 3 to 4 senior people attend this programme together from the same company.

Certification Criteria

1. Attendance through both the days of the Training
2. Assessment test
3. Final examination
4. Hands on Workshop

The programme is beneficial for

- Understanding the application of the RDMAIC methodology
- Understanding customer needs and re-engineering process to meet their expectations
- Having Lean Six Sigma tool as a companywide drive for excellence through defect prevention
- Planning for breakthrough improvements for cost reduction & profitability improvements
- Upgrading competency level to Green Belt, Black Belt and Master Black Belt

Target Audience

- Senior Management
- Quality Managers
- Departmental Heads of Purchase, Admin, Finance
- Management Representative
- Internal Auditors of ISO 9000 system
- Improvement Managers
- QA Professionals (Mfg., Service, Software and Finance Industries) and Consultants
- Professionals wanting to make a career in Quality

Feedbacks

1. "This course is very enlightening and very applicable to almost every business process! The course was presented very well".

Ian Loyola; Senior Officer IT & System; Maersk;

Email: saaissecu@maersk.com; Mobile: 9820089093

2. "The course is a real value adding service to society & industries - intensive knowledge sharing".

A Tamilarasan; Senior Manager - Qlty. Assurance; Bombay Breweries Ltd;

Email: amilarasan@ubmail.com; Phone: 022- 56103024

For further details please contact:

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Business Excellence Enablers



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