



*passion for impossible*

## Offers Lean Six Sigma Green Belt & Black Belt Certification Program

Dear Sir/Madam,  
Greetings!

Six Sigma Alchemy (P) Ltd, is one of the leading Consulting firms in Mumbai. We are pleased to offer the **Lean Six Sigma Green Belt & Black Belt Certification Program** applying SSA's indigenous **RDMAIC™** methodology.

We request you to kindly go through the details mentioned below and look forward to your participation in the program.

### About Us

Six Sigma Alchemy (P) Ltd (SSA), a Business Excellence Enabler:

- Was founded in 1999 with a missionary zeal to serve Indian Industries in achieving world-class standard through Business Excellence Initiatives
- Fills the rare consultancy space by meeting the need of the hour for industries to change their “**Seller’s market**” mindset to “**Buyers market**”
- Provides **one-stop-shop solutions** to enhance the competitive advantage through quality improvement, cost reduction, delivery improvement and service excellence
- Believes in soiling its hands along with its client’s team and partner with them till the benefits are realized
- Has developed synergy with global knowledge resources on Strategy, Process & Automation experts such as Rath & Strong, i-solutions Global, UK, iGrafx, USA and Nutek, USA
- Offers the solutions, packaged to transfer the knowledge and empower the organizations to sustain the benefits through internalization

[More...](#)



### Program Overview

Six Sigma and Lean, blended together in a seamless fashion, using the powerful DMAIC methodology as the overall course structure

- A strong bias towards transactional and service industries, in which the company has considerable experience
- Excel-based tool used for graphical and statistical analysis Powerful process simulation and activity-based costing tools, to achieve large savings in service and transactional processes
- A technique for using DMAIC in a simplified manner, which can be taught in a day and rolled out to all employees
- A guide to selecting projects and deploying Lean Six Sigma



# Why This Course?

- **Learn While You Play!**  
You will learn Lean concepts through Six Sigma Alchemy's Copyright simulation
- **Statistical Software:**  
Graphical and statistical analysis through SigmaXL. The participants will be given a 30 day trial copy of the software
- **Faculty:**  
Internationally acknowledged consultants who have been consulting multinational companies worldwide
- **Certification:**  
Certification criteria include 100% attendance and 70% score to be procured in the exam conducted on the last day of the course. An additional Project completion Certificate can be achieved by candidates who complete a project.

# Course Content

## Lean Six Sigma Green Belt

Lean Concepts	Recognize	Define	Measure	Analyze	Improve	Control
<ul style="list-style-type: none"> <li>• History of Lean</li> <li>• Product Family Matrix</li> <li>• Process Mapping</li> <li>• 7 sins of Waste</li> <li>• Poka-yoke</li> <li>• Change Management Techniques</li> </ul>	<ul style="list-style-type: none"> <li>• Linkage of company strategy and process improvements</li> <li>• Project Selection Methodologies</li> <li>• Pitfalls in Project Selection</li> <li>• Structure for Six Sigma Deployments</li> </ul>	<ul style="list-style-type: none"> <li>• Voice of the Customer</li> <li>• SIPOC</li> <li>• Project Charter</li> </ul>	<ul style="list-style-type: none"> <li>• Data Collection Methods</li> <li>• Sampling</li> <li>• MSA</li> <li>• Analyze Patterns in data</li> <li>• Sigma XL hands on</li> <li>• Process Capability</li> </ul>	<ul style="list-style-type: none"> <li>• Process Door Approach</li> <li>• Process Mapping</li> <li>• FMEA</li> <li>• Data Door Approach</li> <li>• Cause and Effect Analysis</li> <li>• Graphical analysis of data to validate root causes</li> <li>• Hypothesis testing</li> </ul>	<ul style="list-style-type: none"> <li>• Introduction to 5S</li> <li>• Mistake Proofing</li> <li>• Pull System</li> </ul>	<ul style="list-style-type: none"> <li>• Standardization of work</li> <li>• Process Management System</li> <li>• Control Charts</li> </ul>

## Lean Six Sigma Black Belt

Measure	Analyze	Improve	Control
<ul style="list-style-type: none"> <li>• Introduction to Lean Six Sigma Black Belt</li> <li>• Measure recap and Introduction to Minitab</li> <li>• Process Capability—Six Pack</li> </ul>	<ul style="list-style-type: none"> <li>• Normal Theory</li> <li>• Regression</li> <li>• DOE</li> </ul>	<ul style="list-style-type: none"> <li>• Cost Benefit Analysis</li> <li>• Plan implement debug</li> <li>• Implementation Plan</li> <li>• Implementation Schedule</li> <li>• Implementation Steps</li> <li>• Stake Holder Management</li> <li>• Lean Concepts</li> </ul>	<ul style="list-style-type: none"> <li>• Standardize work</li> <li>• Mistake Proofing</li> <li>• Continuous Improvement</li> <li>• Project Closure</li> <li>• EWMA Chart</li> <li>• Control Charts— np, Poison, IMR chart</li> <li>• Change Management</li> <li>• Roles and Responsibility</li> </ul>

## How this course is different?

**Faculty** — The course will be delivered by experts who have extensive **Lean** application knowledge both in manufacturing and service industries

**Simulation** — **Learn while you Play!** The **Lean** concepts & tools are taught through several interactive class room simulation exercises during the course

**Process Optimization Software** — Get introduced to Industries leading process simulation and optimization software used for **Lean** applications

## Who Should Attend



- Business Leaders
- Manufacturing Engineers
- Production Process Planning Engineers
- Six Sigma Greenbelts & Black Belts
- Quality Assurance Managers
- Business Excellence Leaders
- Improvement Leaders from BPOs/KPOs

## Principal Faculty

BE (Mech.) MS – Research (IIT Madras)  
**Managing Director** – Six Sigma Alchemy (P) Ltd.

### Highlights:

**Lean** Master  
Master Black Belt  
Certified Business Excellence Assessor  
Trainer in Balanced Scorecard from BSCI, USA  
Trainer in Process Simulation ( iGrafx USA)

### Experience:

30 Years of industrial & business experience in Corporations such as LUCAS TVS, Crompton Greaves. Has lead many **Six Sigma** & **Lean** Deployments in Corporate Such as L&T, Bharat Petroleum, ABN-Amro Bank, Godrej, etc.



**Mr. N. C. Narayanan**

## Glimpse of esteemed clients

**National Stock Exchange**

**ABN-AMRO**

**L&T**

**HDFC**

**Godrej Sara Lee Ltd.**

**Godrej Hi Care**

**Bombay Dyeing**

**Taj Group of Hotels**

**Blue Star**

**Axis Bank**

**Pfizer**

**Lipi Data Systems**

**Marathon Group**

**Cadbury**

**Bharat Petroleum**

**IDBI Bank**

**ICICI Bank Ltd.**

**NSDL**

*When & Where*

**Venue:**

Six Sigma Alchemy (P) Ltd, 725/726, Corporate Center,  
Nirmal Lifestyle, LBS Marg, Mulund (W), Mumbai — 400080.

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*Sign up now*

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