Lean Six Sigma
Greenbelt Training

Boost your career through India’s only
US recognized certification
The two major change / improvement management tools this century has witnessed are Lean and Six Sigma. Both of these tools have their own unique power; **Lean has the power of eliminating waste across any value stream while Six Sigma has the power of variation reduction.** While Six Sigma achieves point optimization by eliminating defects from any process, Lean focuses on holistic optimization leading to profitability improvements. By combining the power of lean and six sigma, we can achieve far reaching breakthrough results.

When Lean and Six Sigma are blended together in a seamless fashion, using the powerful **DMAIC Methodology** as the overall course structure, the result is Lean Six Sigma.

The companies that used Lean Six Sigma to achieve broad based innovation and superior financial performance have several distinguishing characteristics of their approaches that set them apart from those with a traditional operational improvement mindset.

Lean Six Sigma has, over the past decade or so, come to be accepted as the industry standard for profitability improvement and operational excellence. Results such as increased customer satisfaction, reduced defects, and reduced waste (also known as ‘Muda’ in Lean lexicon) can all be effectively achieved through this approach.

The methodology focuses on areas that have the greatest strategic leverage for the company, and creates lasting impact through the wide spread involvement of staff at all levels in the change initiative.

Leading companies all over the world are using Lean Six Sigma to drive excellence in all areas of their business, including manufacturing, supply chain, HR, IT, Finance, and Customer Service.

**SSA Lean Six Sigma Training differentiates itself in the following ways:**

- Universally relevant for manufacturing and service industries.
- Use of handy feature-rich affordable software for graphical and statistical analysis.
- Introduction of powerful process simulation, Value Stream Mapping and activity-based costing software for process optimization (iGrafx®)
- Demonstration of technique for using DMAIC in a simplified manner, which can be taught in a day and rolled out to all employees.
- Complimentary MBB support for project execution.

5 levels of Lean Six Sigma Certification
About the Green Belt Course

The term Green Belts is borrowed from martial arts. Green Belts refers to an individual who has mastered the basic skills of problem solving.

Green Belts are the “worker bees” in any Six Sigma project. They can do much of the legwork; from gathering data to executing experiments in support of Black Belt projects. They also oftentimes independently deliver small to medium scale improvement projects.

Green Belts must demonstrate proficiency in the core statistical tools by applying them for positive financial impact and customer benefits. They operate under the supervision and guidance of a Black Belt or a Master Black Belt in any organisation, the number of greenbelts typically exceeds the number of Black Belts by a minimum ratio of 5:1.

SSA Advantage

- Established in 1999, SSA is a Pioneer of Six Sigma movement in India
- Highly experienced trainers with diverse industry experience
- Globally recognized: SSA is India’s first Authorized Provider of IACET CEUs by IACET, USA
- Alumni base of 15000+ spread across the globe
- Rich global experience across more than ten countries in Asia Pacific
- Ability to offer customized learning solutions

Course Accreditation

SSA holds the distinction of being India’s first Authorized Provider of Continuing Education Units (CEUs) recognized by the prestigious International Association for Continuing Education and Training (IACET). This puts SSA in the elite league of only 500 odd registered IACET CEU providers world-wide such as American Society for Quality (ASQ), Automotive Industries Action Group (AIAG), and American Management Association (AMA).

All SSA Professional development seminars, e-Seminars, and webinars meet eligibility requirements for IACET Continuing Education Units (CEUs) according to the ANSI/IACET 1-2007 Standard. To receive CEUs, attendees are required to be engaged in the entire class and demonstrate mastery of the learning objectives by successfully completing a knowledge assessment.

Benefit To Participants:
As the official standard for continuing education and training (CE/T), IACET Continuing Education Units (CEUs) are recognized by a wide range of organizations, including professional associations, regulatory boards, corporations and universities.

Many organizations offer some form of continuing education credit, but only the IACET CEU is held to the strict, research based IACET Criteria and Guidelines for Continuing Education and Training. Only IACET Authorized Providers, who undergo a strict application and site-review process, can award the IACET CEU.

About CEUs:
The International Association for Continuing Education and Training (IACET) developed the CEU in 1970 and is the caretaker of the CEU. The Continuing Education Unit (CEU) serves as a measurement of continuing education. One (1) IACET CEU is equal to ten (10) contact hours of participation in an organized continuing education experience under responsible sponsorship, capable direction, and qualified instruction. Under IACET’s care, the IACET CEU has evolved from a quantitative measure to a hallmark of quality training and instruction. For more information on IACET, visit www.iacet.org.

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Course Content

1. INTRODUCTION
   - Introduction to Participants
   - Changing Business Scenario
   - Introduction to Lean Six Sigma
   - Overview of RDMAIC Methodology

2. RECOGNISE
   - Success factors of six sigma movement
   - Mantra of project selection
   - Project selection technique
   - External projects
   - Internal projects
   - Throughput yield calculation

3. DEFINE PHASE
   - Basic Six Sigma Terminologies
   - VOC to CTQ Drill-down
   - Prioritizing Requirements: The Kano Model
   - SIPOC
   - Project Charter
   - Stakeholder Management

4. MEASURE PHASE
   - Building Blocks of Statistics
   - MSA
   - Screening of Data
   - Value Stream Mapping with iGrafx®
   - Time & Value Analysis
   - Process Capability

Our 360° Approach

Faculty
The course is delivered by experts with extensive subject matter knowledge and application experience across a host of manufacturing and service industries.

Simulation
Learn while you play; experience the excitement that Fortune 100 companies are raving about. SSA’s proprietary ‘Zig Zag’ simulation is as close you can get to a real life process improvement, Lean or Lean Six Sigma experience.

Process Optimization Software
Get introduced to Industries leading process simulation and optimization software used for improvement projects world-wide.

SSA’s Lean Six Sigma Pocket Book
Get a free Copy of SSA’s highly acclaimed Lean Six Sigma Pocket Guide, which will serve as an excellent reference for project execution. Also get copies of SSA’s highly acclaimed publications at attractive discounts.

Chalk ‘n Talk
SSA’s Chalk ‘n Talk method of delivery protects audiences from being overwhelmed by massive and painful information overload (from slides) by forcing the trainer to develop the topics step-by-step and at a comfortable pace for the participant to absorb.

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Course Benefits

The course will help the participant to:

- Gain a basic understanding of the origin, need, and relevance of Lean Six Sigma
- Select the right projects that have the highest organizational impact
- Establish valid measurement systems and perform data analysis
- Develop and test hypothesis and systematically drill-down to root causes
- Identify and deploy Lean solutions
- Sustain the improvement initiative and roll it out across the organization
Customized In-house Training Solutions for Corporates

If you have a number of delegates with similar training needs, then you may wish to consider having an In-House training solution delivered locally on-site; at your premises. After a detailed understanding of your needs, course can be tailored to suit your specific requirements. Please contact us on +91-9920754893 or email training@ssa-solutions.com

Clientele

Some of the companies for whom we have successfully completed In-House trainings are:

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<th>Vodafone</th>
<th>Janssen</th>
<th>Reliance Industries Limited</th>
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Six Sigma Alchemy (P) Ltd. was founded in 1999 by NC Narayanan (N.C.) with a missionary zeal to partner with Indian industries with an aim to make “Made in India” synonymous to quality and thus effectively counter the threat of globalization. NC’s vision for SSA was (and is) to create a result oriented consulting resource, at an affordable price, focused on ROI for its clients. His ideology has become the character of SSA today.

The guiding principles of SSA are: Aim for perfection with a ‘passion for impossible’ mindset, Help your customer prosper, they will in turn partner with you. Commencing its journey modestly as a consulting firm focusing solely on management systems certification, SSA has added several capabilities over the years to encompass Lean, Six Sigma, Performance Scorecard, Change Management, and Leadership Development.

SSA provides unique custom solutions to its clients that help them to effectively deal with various business issues. SSA’s strength lies in its ability to partner with its clients, challenge their status quo and create world-class products and services. SSA helps its clients solve an array of business issues such as:

- Poor customer loyalty due to missed commitments and inferior product quality.
- Inefficient product development process leading to delays and defects.
- Inefficient production processes leading to low throughput & high costs.
- Poor quality of incoming supplies
- Inefficient support processes

Through its proprietary Integrated Strategy Management System – ISM®, SSA has pioneered the ability to design and implement companywide change management interventions and has successfully institutionalized them into the DNA of several client organizations. In over a decade of its existence, SSA has worked successfully with over 700 valued clients and has contributed to a cumulative savings of over INR 9 billion (approx. US $200 million.)

SSA’s Services include customized strategies on Program Management, Project Management, Process management and Performance management. SSA is recognized as the first Authorized Provider in India of Continuing Education Units (CEUs) by the International Association for Continuing Education and Training (IACET). This puts SSA in the prestigious league of only 500+ IACET CEU providers worldwide.

To know more about SSA, please visit www.ssa-solutions.com

“We are what we repeatedly do. Excellence, then, is not an act, but habit

– Aristotle
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