SSCX | Public Training



Lean Six Sigma
Green Belt

Creating Change Agents with Green Belt Certification

THE MUST-HAVE SKILL for Continuous Improvement Practitioners

TRAINING OBJECTIVE

- How to **manage a successful LSS** deployment at the Green Belt level
- How to handle and **communicate to key stakeholders**
- Provide roadmap, tools, and **methodology of LSS** using well-known DMAIC cycle
- Gain a deep understanding about the **key to project execution** through simulation, workshop, case study, and project sharing
- **Become a data and fact-based problem solver** and decision-maker in any situation

WHO SHOULD ATTEND

- Project Managers
- Project Leaders
- Change agents and anyone in the organization who is assigned as a Green Belt candidate to lead and execute project improvement

PARTICIPANT BENEFITS

1. Training guided live by SSCX Consultant
2. Training is interactive, practical, and applicable
3. Training certificate from SSCX
4. Training module

KEY CONTENTS

- The Lean Six Sigma philosophy, strategy, and approach to continuous improvement
- How Lean Six Sigma can improve business
- How to apply DMAIC step by step to enable structured problem solving
- Lean Six Sigma definitions of value, waste, and process variability
- How to use Lean Six Sigma tools
- How to use project plan and issues list to manage Lean Six Sigma project within your department
- How to handle key stakeholders and communicate effectively with them
- How to report on project progress during tollgate reviews
- How to delegate projects to a process owner

TRAINING AGENDA

DAY 1

- Big picture of Lean Six Sigma
- New mindset of continuous improvement
- DMAIC Roadmap
- Lean Six Sigma Infrastructure

DEFINE PHASE

- Voice of Customer
- How to convert to CTQ

DAY 2

DEFINE PHASE:

Project Charter + Workshop

MEASURE PHASE:

- Basic Statistics Introduction to Minitab
- Data Collection Plan
- Control Chart
- Capability Analysis
- Workshop

DAY 3

MEASURE PHASE:

- Value Stream Mapping
- Quick Improvement (Quick Wins)
- Workshop and Simulation

DAY 4

ANALYZE PHASE:

- Root Cause Analysis
- Statistical Data Analysis
- Correlation, Scatter Plot, Pareto
- Workshop

DAY 5

ANALYZE PHASE:

- Hypothesis Test
- T-Test & Proportion Test
- One Way and Two Way ANOVA
- Workshop

IMPROVE PHASE:

- Solution Prioritization
- Piloting
- Lean Tools for Improvement
- Workshop

DAY 6

CONTROL PHASE:

- Process Control Plan
- Poka Yoke
- Final Wrap-up
- Final Examination

REGISTER NOW

Week I : Nov 23 - 25, 2026
Week II : Dec 1 - 3, 2026

FOR MORE INFORMATION

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