

SSCX

PUBLIC TRAINING

LEAN SIX SIGMA GREEN BELT

**THE MUST-HAVE
SKILL** for
Continuous
Improvement
Practitioners

Creating
Change Agents
with **Green Belt**
Certification

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

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 Control Improvement
- DMAIC Roadmap
- Gate Review
- **DEFINE PHASE:** VOC and how to convert it to CTQ

DAY 2

- **DEFINE PHASE:** Project Charter + Workshop
- **MEASURE PHASE:**
 - Basic Statistic & Minitab
 - Data Collection Plan
 - Control Chart
 - Capability Analysis
 - Workshop

DAY 3

- **MEASURE PHASE:**
 - Value Stream Mapping Quick Improvement
 - 4 Steps Rapid Setup 5S
 - Workshop and Simulation

DAY 4

- **ANALYZE PHASE:**
 - Basic Root Cause Analysis
 - Statistical Root Cause Analysis (Correlation, Scatter Plot, Pareto)
 - Workshop

DAY 5

- **ANALYZE PHASE:**
 - Hypothesis Test
 - One Way and Two Way ANOVA
 - T-Test & Proportion Test
 - Workshop
- **IMPROVE PHASE:**
 - Solution Matrix Piloting
 - Workshop

DAY 6

- **CONTROL PHASE:**
 - Process Control Plan
 - Poka Yoke
 - Final Wrap-up
 - Final Examination

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 problem-solving project

PARTICIPANT BENEFITS

1. Training guided live by SSCX Consultant
2. Join the training from anywhere
3. Training is interactive, practical, and applicable
4. Training certificate (e-certificate) from SSCX
5. Digital training module (pdf)

REGISTER NOW !



JAN 22 - 24, 2024 (DAY 1 - 3)

FEB 5 - 7, 2024 (DAY 4 - 6)

Information and
Registration:



0817 5763 021



publictraining@sscx.asia