

# Lean Leader Certification Programme

## Lean Management – Adapting an Innovative Approach



The Six Sigma Institute (SSI) is a non-profit making professional body. Its primary objective is to accredit Six Sigma professionals with recognized knowledge and skills in this application science. The SSI aims to work closely with professionals, training organizations, universities and other professional bodies in promoting the application of Six Sigma methodologies. Also, the SSI offers other Quality Management related trainings to lift the competitiveness of servicing and manufacturing practitioners.

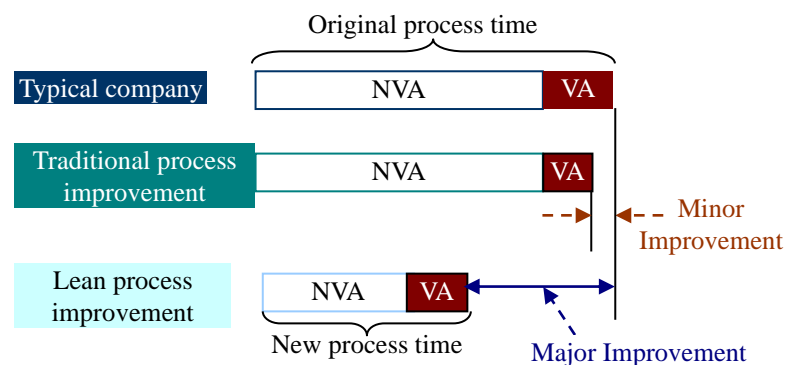
## Lean Programme

Lean is a generic process management philosophy derived from Toyota Production System. Lean considers **eliminating or minimizing the expenditure of resources for any goal other than the creation of value for the end customer**, which is the core idea of Lean is to maximize customer value by using minimize waste. Lean is a journey of enhances efficiency by **continuously improving the workflow and smoothness of work**. Lean has been widely applied in process improvement management **in servicing and manufacturing industries**.

## Course Overview

Lean is a business system for organizing and managing development, operations, suppliers, and customer relations. **Lean Leader** plays the role to lead a team to use lean principles, practices, and tools to create **precise customer value goods and services** with higher quality and fewer defects with less human effort, less space, less capital, and less time than the traditional approaches. Another major focus of Lean is to **empower people at lowest level**, and make operational decisions at the lowest level possible. The course is applicable to **different industries** and will enable students to implement Lean projects in their organizations and **lead a team to achieve real improvements to the projects**.

## Lean Improvement

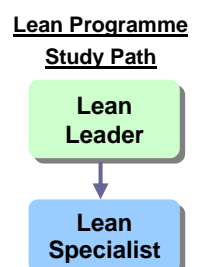


## Who should attend?

1. First and second level team leaders and managers.
2. Quality and process improvement professionals.
3. Those interested in becoming Lean professionals.

## Why should join SSI programme?

<b>Practical</b>	The programme contains of lectures and workshops and will be conducted with study cases.
<b>Flexible Schedule</b>	Provide weekday and weekend courses to let students budget their time between work and family life.
<b>Quality</b>	Our lecturers have rich related teaching experience, they are Registered Lean Specialist and experienced in implementing lean projects and quality management.
<b>Professional Network</b>	SSI students can join our Six Sigma Community which aims to develop a strong social network for Six Sigma and Lean professionals.
<b>Further Study Path</b>	Graduates are eligible to apply for SSI Lean Specialist Programmes.
<b>Recognition</b>	Certification holders are eligible to be registered with SSI as a <b>Registered Lean Leader</b> and granted with the title of <b>RLL</b> .



## Lean Leader Course Outline

<b>1. Introduction to the Programme</b>	
<b>2. Data Requirement for the Improvement Direction Analysis</b>	
<b>3. Case examples</b>	
<b>4. Lean Definition and Its Latest development</b>	
<b>5. The challenges of Lean Implementation</b>	
<b>6. The New Concept of Lean</b>	
<b>7. Game</b>	
<b>8. Computer Simulation</b>	
<b>9. The New Way pf Improving Business Performance</b>	
<b>10. Exercise</b>	
<b>11. Case Example</b>	
<b>12. Selection of Improvement Projects</b>	
<b>13. Project charter</b>	
<b>14. Lean Transformation Process</b>	
<b>15. Evaluate the current situation</b>	
Value Stream Map – Current State	Observation Sheet – collecting process metrics
Case Example	Work Balanced Chart – Calculate Takt time and standard manpower
Standard Worksheet – Map the work place	
<b>16. Case Study</b>	
<b>17. Identify areas of opportunity</b>	
<b>Managing Variations</b>	Eliminate 7 Wastes
<b>Simulation Game</b>	Exercise
<b>Identify and Manage Constraints</b>	Setup Reduction (SMED)
<b>Video</b>	
<b>18. Modify the existing process</b>	
Value Stream Map – Future State	Mistake Proofing (Poke Yoke)
Case Study	Case Examples
<b>19. Substantiate and enumerate improvements</b>	
Kanban	Exercise
Case Examples	Kaizen Event
5S	Case examples
<b>20. Implement new Standard Work</b>	
<b>21. System Improvement Case Examples</b>	

## Certificate

**Certificate of Lean Leader** will be awarded to participants who have 70% or above attendance, complete all assignments, one individual project and pass the examination.

**Recommended Course Schedule** (Please visit our website/backward pages for details of other schedules)

**Course Fee** Please contact us about course fee and DISCOUNT details.

## Enquiry

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