



LEAN 6σ SIX SIGMA SUPPLEMENT

Online Training and Certification Program

Jointly Delivered by



Indian Statistical Institute
Pune Unit



edu plus now[®]

ABOUT LEAN SIX SIGMA PROGRAM

A Lean Six Sigma training program helps an organization progressively, aggressively and incessantly reduce variability to reach to defect level below 3.4 ppm. In simpler terms, Six Sigma helps an organization achieve sustainable, predictable and desirable growth in profit for an organization.

Despite the defect reduction in the process, the possibility of “waste” remains. However, by implementing Lean there is a possibility of ruthlessly cutting down the waste and reducing defect levels. This will enable better flow in the process. While Lean is aimed at increasing speed, Six Sigma is concerned with defect reduction. When merged, Lean Six Sigma initiatives ensures accurate delivery at faster speed.

edu plus now's Lean Six Sigma approach is focused towards 'waste' reduction with reduced defect level It follows a DMAIC approach

- Define
- Measure
- Analyse
- Improve (To reduce waste in order to generate flow)
- Control (To sustain the flow)

VALUE ADDITION

Our certified Lean Six Sigma (LSS) Black-Belt will have the following value addition:

- Create an impact in bringing conducive culture where defect reduction is encouraged in lean process. This is similar to encouraging high thinking in simple living
- Get the opportunity to avail offsite project assistance from our experts
- Access to the developments of the LSS community
- Obtain the knowledge resources in the areas of interest

WHO CAN ENROLL?

The course is designed for Certified Six Sigma Black-Belts from the following areas:

- Quality Assurance Engineers, Project Managers, Team leaders, Practitioners and Senior Management
- Those who want to get certified as Lean Six Sigma Black Belt
- Any other professional members who are engaged in research, innovation or consulting in process improvement practices

CERTIFICATION

ISI Pune in association with edu plus now will award participants a formal LSS Black-Belt Training Certificate on successful completion of this training (100% attendance) and clearing assessment (>= 70%).

PROGRAM CURRICULUM

Introduction to LSS | Refreshing DMAIC

Define Phase

- Project Charter
- BFC (SIPOC)
- AFC-DFC-DFC
- Current State-Value Stream Mapping (CS-VSM)
- Routing card
- Spaghetti chart

Measure Phase

- Lean metrics
- Mapping metrics in CS-VSM
- Work study method for collecting data

Analyse Phase

- Types of waste
- Mapping type of waste in CS-VSM
- Identifying causes for the waste

Improve Phase

- Pull system-JIT-Kanban
- Haijunka Box
- Takt time and Line balancing
- Kaizen-Andon-Poka yoke-Jidokha-SMED
- TPM
- 5-S
- Supermarket model
- Future State- VSM

Control Phase

- Report-out
- Cost benefit estimation
- Documentation
- Project closure

DURATION

Upto 3 Days (Customisable as per requirements)

COURSE FEE: INR 10,000 (+GST)

edu plus now in association with the Indian Statistical Institute (ISI), Pune will jointly deliver courses in programs

- Six Sigma Yellow Belt
- Six Sigma Green Belt
- Six Sigma Black Belt
- Master Black Belt
- Lean Six Sigma Supplement Program
- Design for Six Sigma Supplement
- Post Graduate Program in Data Science

**Certification - Awarded Jointly by
The Indian Statistical Institute, Pune and edu plus now**

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