Lean Six Sigma Green Belt Certification

Overview

What does it takes to drive change in an organization? Six Sigma is a business strategy focusing on mix of continuous & breakthrough improvement and operational efficiency. It is a systematic method using the DMAIC model for improving the output of an organization. In a manufacturing/service environment a Six Sigma process would be virtually error free. This Programme is designed to provide participants with startup knowledge and skills of the Six Sigma DMAIC Model, and to make them understand that how Six Sigma drives process improvement, and to broaden participants' scope of understanding of how to integrate Six Sigma into organizations' Business Processes. Also provide a comprehensive coverage of Six Sigma techniques that enable the participants to grasp the essential skills to lead Six Sigma Projects in the business organizations through the training and exercises. The participants receive practical experience from Six Sigma practitioner who holds the participants hand-in-hand to identify and implement the Six Sigma projects.

Programme objectives:

- Participants should understand completely six sigma concepts along with the deployment skill of six sigma integrated concept.
- Participants should understand the six sigma methodologies (DMAIC/DMADV) along with tools required in each stage of methodology
- Introduction of DOE tools along with deployment skills through appropriate case-studies
- Participants should Learn a six sigma methodology to increase consistency and efficiency in order to eliminate mistakes and waste
- Participants should Learn a six sigma methodology for optimization of a process parameters
- Participant should also understand that how six sigma fits in the business strategies

Methodology

Along with highly interactive theoretical teaching the programme includes case-studies discussions, practical sessions, question & answer sessions and exercises with the help of Minitab software.

Benefits:

The students are trained on successful techniques for problem solving, defect reduction & increasing profitability by improving existing processes. The students are also awarded Six Sigma Green belt Certificate. Industry wide information shows that 6Sigma Certification holders get 25% more remuneration, they stand higher chance to get selected by big brands & they are also on priority list to get selected for bigger projects.

The Process of "Six Sigma Green Belt Certification"

The Six Sigma Green Belt Certification Process: The participants will be issued a programme participation certification at the end of three day programme. ' Six Sigma Green Belt certificate' will be issued once if he/she completes at least one ' Six Sigma Green Belt' project with the close supervision of the Six Sigma Black Belt within 6 months after successful participation of the programme or by clearing examination that will be conducted by the trainer or a professional body.

Outline of Programme Content:

Session	Coverage
Session 1 *1st day* *9.30 am to 1.30pm* *with tea break*	**Overview:** • Overview on Quality • Quality Terminology • Lean, Six Sigma, and Six Sigma • The and Six Sigma Language
Session 2 *1st day* *2.00 pm to 5.30pm* *with tea break*	**Why and When one has to apply Six Sigma** • Basic Quality Tools • 7 wastes and • 5s (Housekeeping for productivity Improvement)
Session 3 *2nd day* *9.00 am to 1.00pm* *with tea break*	**Six Sigma:** • Principles and Tools • Six Sigma DMAIC Methodology • Shainin-DoE Tools • Other tools required at various stages of DMAIC

	• Case studies
Session 4 *2nd day* *1.30 pm to 5.00pm* *with tea break*	**Define & Measure Phase:** • Process Mapping (As-Is Process) • Data Attributes (Continuous Versus Discrete) • Measurement System Analysis • Process Performance (Cp, Cpk, Pp, Ppk) • Calculating Process Sigma Level • Visually Displaying Baseline Performance • Defining Problem • Minitab Software for Define & Measure Phase • Measurement Phase Review • Case studies
Session 5 *3rd day* *9.00 am to 1.00pm* *with tea break*	**Analyze & Improve Phase:** • Value Stream Mapping • Cause and Effect Analysis • Data Segmentation and Stratification • Test of Hypothesis • Verification of Root Causes • Introduction of concept in solution design • DOE and ANOVA as needed • Minitab Software for Analyze & Improve Phase • Improve Phase Review Case studies
Session 6 *3rd day* *1.30 pm to 4.00pm* *with tea break*	**Control phase:** • Assessing The Results of Process Improvement • Statistical Process Control (SPC) Overview • Developing a Process Control Plan • Documenting the Process • Minitab Software for Control Phase • Control Phase Review • Case studies

Follow us on: https://www.facebook.com/connoisseurhub.ch

To avail the Facility kindly contact on the details mentioned on the Footer:-