

SixSigma® 5-Day Green Belt Practitioner

ClearCut
IT TRAINING

Module 1: Lean Six Sigma Green Belt

- Objectives and Role of Lean Six Sigma Green Belt
- Lean Six Sigma Green Belt Agenda

Module 2: Improvement Methodologies

- DMAIC
- 3Cs
- 8Ds
- The PDCA Steps
- Kaizen
- Design for Six Sigma (DFSS)

Module 3: SPC Basics

- Terminology
- Data Types
- Normal Distribution and Standard Deviation
- Process Capability

Module 4: Lean Management and Cell Theory

- The Role of the Lean Manager
- Work Cells
- High Performing Teams (HPTs)
- Rapid Action Teams (RATs)
- Visual Management
- Bruce Tuckman's Group Development Model
- Emotional Cycle of Change (ECOC)
- Personality Styles
- Dealing with Resistance

Module 5: Risk Management

- Lean Six Sigma Green Belt Risk Management
- Failure Mode and Effects Analysis (FMEA)

Module 6: DMAIC for Green Belts

- Define Phase
- Measure Phase

Module 7: SPC Tools and Techniques

- Frequency Distribution Tables
- Bar Charts and Histograms
- Pareto Charts
- Box and Whisker Plots
- Normal Distribution and Control Charts
- Calculating Process Efficiency
- Scatter Diagrams and Regression

Module 8: DMAIC for Green Belts

- Analyse Phase
- Improve Phase
- Control Phase