

A photograph of a man in a light blue button-down shirt looking intently at a computer monitor in an office. A desk lamp is visible in the foreground, and another person's profile is partially visible on the right side of the frame.

# Lean Six Sigma Green Belt Certification Training - Brochure



Gain Knowledge and become a Quality Management Specialist

## Importance of Lean Six Sigma Green Belt Certification

Six Sigma is an overall approach that combines Six Sigma concepts and tools to the lean manufacturing / lean enterprise philosophy, striving to eliminate waste of physical resources, time, effort and talent, while assuring quality in production and organisational processes.

Many organisations around the world are looking to Six Sigma to provide them the competitive edge, improve processes, reduce cost, solve organisational problems and develop skill base to sustain improvement over a longer period of time. Overall, the Six Sigma Green Belt module helps one to learn objectives of Six Sigma, contribute towards improving efforts in services, acquire knowledge of data collection, process mapping, analyse and implement Six Sigma concepts.

The best part about Six Sigma is that it is perfect for all businesses; it provides a holistic view of processes that need to be streamlined to achieve higher ROI. Getting the workforce trained in Six Sigma Green Belt provides an in-depth understanding of the framework that in turn helps an organisation to strive towards a common goal which is to improve the quality of the service or product.

## Get Invensis Learning Advantage

- TUV SUD accredited certification training
- 4-day interactive instructor-led training program
- Six Sigma Black Belt expert trainer
- Copy of course content provided
- 40 PDUs certificate offered
- Interactive sessions with case studies
- 2 Six Sigma Green Belt practice tests with detailed answers and explanations
- Exam fees included in the training course
- Classes across 108+ locations worldwide

# Advantage of Lean Six Sigma Green Belt Certification



## **Better Execution**

Lean Six Sigma links strategic initiatives to operational improvements to create efficiencies for your business.



## **Build Customer loyalty**

Six Sigma helps to target your customer needs so you can improve the things that matter most to your customers.



## **Create Greater Returns**

Six Sigma helps to lower the operational costs and reduce the turnaround time in delivery of products and services to bring about higher customer satisfaction.



## **Certifies your Talent**

The Six Sigma Green Belt credential is proof that you have the experience and skills to deliver quality service that matches customer expectations.



## **Improves your work performance**

Professionals with Six Sigma Green Belt credentials usually see better salary hikes than their non-certified counterparts.



## **Opens Doors**

A Six Sigma Green Belt credential can get you access to globally renowned companies of your choice.



## **Applies Everywhere**

Six Sigma Green Belt certification is based on achieving excellence while providing quality services. The concepts and techniques can be adapted to any real-world challenge across industries, market segments and geographies.

## About Invensis Learning

Invensis Learning is a pioneer in providing globally-recognised certification training courses for individuals and enterprises worldwide. Our training methodology coupled with high quality courseware have enabled organisations to achieve high-impact learning with increased knowledge, competence, and performance.

We offer courses in various categories such as Project Management, IT Service Management, IT Security and Governance, Quality Management, Agile Project Management, DevOps, and Cloud Courses. We have trained 10000+ professionals worldwide and are a trusted partner for Fortune 500 companies, small and medium businesses, and government organisations to deliver globally-recognised training and certification programs. Invensis Learning certification training programs are adhered to global standards such as PMI, TUV SUD, AXELOS, ISACA, DevOps Institute, and PEOPLECERT.

## Who Should Attend

- Engineers / Professionals / Executives who want to understand Six Sigma as a management tool for process and performance improvement at their work place
- Quality and Process Managers, Engineers and Executives who need to gain knowledge of Six Sigma in process / quality improvements
- Production Managers, Production Supervisors and Customer Service Managers
- Consultants who want to add Six Sigma Green Belt in their service offerings and help their customers implement it

## Eligibility Overview

The Lean Six Sigma Green Belt certification training course is beneficial for engineers, managers, quality professionals and process owners with a minimum of 2 years work experience

## Examination format

**Exam Type:** Multiple choice and scenario-based examination

**No. of Questions:** 75

**Exam Duration:** 2 ½ Hours (150 Minutes)

**Exam Result:** 52 marks required (52 out of 75 available) to pass, equivalent to 70%

## Syllabus of Lean Six Sigma Green Belt Training

### Define Stage

- Lean Six Sigma Overview
- Six Sigma Organizational Development
- Define Phase Project Selection
  - Voice of Business, Voice of Customer
  - Project Charter **(Theory and Practical)**
- Process Mapping
  - Process Mapping **(Theory and Practical)**
  - SIPOC **(Theory and Practical)**
  - RACI Matrix
- Brainstorming
- Cause and Effect Matrix
- Failure Mode and Effect Analysis **(Theory and Practical)**

## **Measure Stage**

- Level 2 Process Mapping
- Data Collection Plan
- Basic Statistics
- Introduction to Minitab
- Introduction to Statistical Process Control
- Measurement System Evaluation
- Capability Analysis

## **Analyze Stage**

- Basic Lean Tools
  - 5S
  - 7 Waste
  - Value Stream Mapping
  - Takt Time and Balancing
- Level 3 Process Mapping
- Multi Vari Studies
- Hypothesis Testing
- ANOVA
- Correlation and Regression
- Chi Square

## **Improve Stage**

- Solution Selection Matrix
- Mistake Proofing
- Introduction to DOE

## **Control Stage**

- Process Control Plan
- Statistical Process Control
- Project Documentation

## **Case Studies: Manufacturing Industry, Case Studies: Lean, Case Studies: 5S**

\* On Hands Training – MINITAB means industry questions will be shared with participants and will be supposed to perform the operations as per the training provided.

\*\* Excel Format's will be shared with the participants to perform other studies.





## CONTACT INVENSIS LEARNING

Email Us:

[support@invensislearning.com](mailto:support@invensislearning.com)

 USA +1-910-726-3695

 IND +91 9620-200-784

 UK +44 2033-223-280

 Hong Kong +852-5803-9039

 Switzerland +41-22-518-2042

 Germany +49-2119-5987-989

[www.invensislearning.com](http://www.invensislearning.com)