

AIGPE

ADVANCED INNOVATION GROUP PRO EXCELLENCE

Drive Success To Excellence

Certified

Six Sigma Green Belt

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Certified Six Sigma Green Belt

Certification from AIGPE has upheld the highest standards in the field of quality excellence in many industries. It serves as a driving force to propel you towards successful career and offers excellent resources to improve organization's bottom line through your mastery of quality skills. By becoming certified as a Six Sigma Green Belt, you seize the opportunity of contributing to quality and confirm the positive impact it will have on your organization.

The Six Sigma Green Belt is mentored by a Six Sigma Black Belt; they lead projects within their own functional areas, and analyze and solve quality problems. A Green Belt understands usage of Qualitative and Quantitative analysis and demonstrates his or her knowledge of Six Sigma tools and processes.

Three criteria's to complete Green Belt certification program at AIGPE:

Six Sigma Training

The candidates are expected to attend all the online sessions. Since, most of our candidates are professionals and may have professional compulsions; they can complete this self-paced training as per their availability.

Six Sigma Exam

Each candidate is required to pass a written examination that consists of Multiple Choice Questions measuring comprehension of the study material. The Six Sigma Green Belt certification exam is a two hour, 100 multiple-choice examination. It's offered in English.

Six Sigma Trainee Capability Enhancers*

At the end of each module, the candidate is provided Six Sigma Trainee Capability Enhancers. These Trainee Capability Enhancers are designed to improve the conceptual understanding of each topic. The candidate is required to have 100% of all the Trainee Capability Enhancers submitted, reviewed and passed before the exam.

*These are unique practices followed by AIGPE to make our students world class executives by helping them achieve hands-on experience and expertise.



Training Methodology

The Certified Six Sigma Green Belt Course is an online training module. A training session link is made available to all participants on www.aigproexcellence.com. Participants need to click on the training session link to view each online training. The participants are required to have:

- Gmail ID
- Laptop/Desktop
- Headphone/Speakers
- Access to Fast Speed Internet

Training Curriculum



Module 1: Six Sigma Fundamentals

The Six Sigma Fundamentals phase focus on introducing you to the world of Quality, Six Sigma foundations and principles, roles and responsibilities, quality tools and Six Sigma metrics.

The content of Six Sigma Fundamental phase is described below:

Six Sigma Foundations and Principles

Lean Foundations and Principles

Six Sigma Roles and Responsibilities

Team Basics

- Type of Teams
- Stages of Development
- Decision-making Tools
- Communication Methods

Quality Tools and Six Sigma metrics

- Quality Tools
- Six Sigma Metrics



Module 2: Define

Define Phase covers project identification and project management basics.

The detailed content of Define phase is as below:

Project Identification

- Voice of Customer
- Project Selection
- Stakeholder Analysis
- Process inputs and outputs

Project Management Basics

- Project Charter
- Communication Plan
- Project Planning
- Project Management Tools
- Phase Reviews

Module 3: Measure

Measure Phase focuses on Basic Statistics, Data Collection and Measurement System Analysis.

Below is the detailed content of Measure phase:

Basic Statistics

Data Collection

- Data Collection Plans
- Qualitative and quantitative data
- Data collection techniques

Measurement System Analysis

- MSA Terms
- Gauge Repeatability and Reproducibility



Module 4: Analyze

Analyze phase identifies the vital few root causes out of trivial many. This is done using Statistical Analysis and Hypothesis Testing. Below is a detailed outline of the contents involved in the Analyze Phase:

Process Analysis Tools

- Lean Tools
- Failure Mode and Effect Analysis (FMEA)
- Stakeholder Analysis
- Process inputs and outputs

Root Cause Analysis

Data Analysis

- Basic Distribution Types
- Common and Special Cause Variation

Correlation and Regression

- Correlation
- Regression

Hypothesis Testing

Module 5: Improve and Control

Improve Phase focuses on Solution Identification and Implementation whereas Control Phase focuses on techniques of sustaining the benefits of the Six Sigma project. Below are the detailed contents of Improve and Control phase:

Improvement Techniques

- Kaizen and Kaizen Blitz
- Plan-Do-Check-Act (PDCA) cycle
- Cost-benefit Analysis

Control Tools and Documentation

- Control Plan
- Control Charts
- Document Control



Enhance Your Career

with Advanced Innovation Group Pro Excellence Green Belt Six Sigma Certification today!!!

You can also opt for additional certifications. AIGPE also provides training and certification programs for:

Certified Six Sigma Black Belt

Certified Six Sigma Yellow Belt

Lean Specialist

Minitab Beginner

Minitab Specialist

Short Term Programs (basis needs of the organization/individual):

- Statistical Process Control (SPC) Specialist
- Failure Mode and Effect Analysis (FMEA) Specialist
- Process Mapping and Value Stream Mapping (VSM)

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Awesome!!

EXCELLENT

GOOD

AVERAGE

POOR

