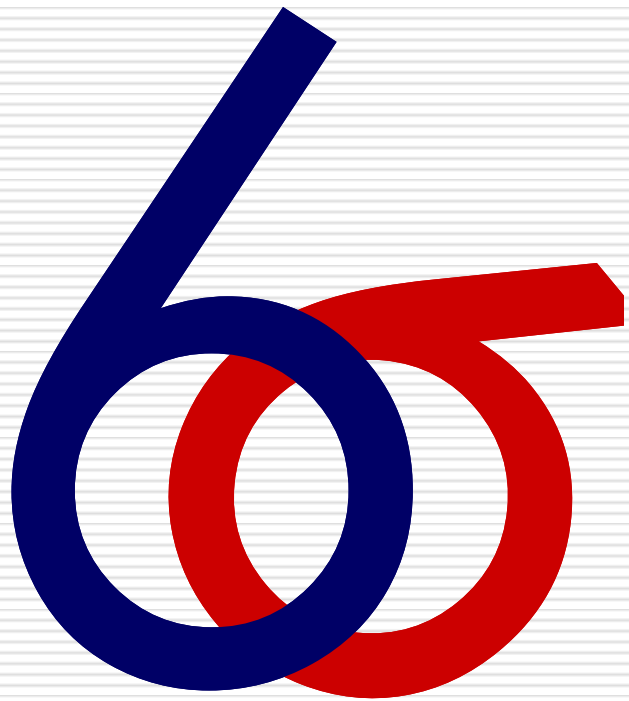


# Six Sigma Green Belt Program



*Six Sigma delivers improvements through improvement projects and Green Belts are the main drivers behind the execution of these projects. Green Belts are instrumental in helping an organization successfully implement six sigma and maximize the benefits.*

## Who Should Attend?

Six Sigma skills are applicable across all levels in an organization so this training is open to participants from entire hierarchy of the organization.

## Benefits

- ↪ Awareness of structured problem solving methodology.
- ↪ Ability to identify and lead improvement initiatives focused on voice of customer and voice of business.
- ↪ Data focused approach for problem solving/decision making
- ↪ Development of leadership and communication qualities

GB trained & certified individuals become an asset to the organization.

## Duration

The program is spread across 4 full day sessions. Each session focuses on some important tools from Lean and Six Sigma methodology, equipped with exhaustive examples and rigorous exercises. The certification exam is conducted on the last day of the course.

## Examination & Certification criterion

<b>Examination Duration</b>	: 2 Hours
<b>Total Questions</b>	: 80
<b>Questions Pattern</b>	: Objective, Multiple Choice and Open book examination.
<b>Certification</b>	: Certified Green belt on completion of training and examination.
<b>Certification Criterion</b>	: - Completion of training - 80% score in examination - Demonstration of six sigma skills through one completed project.



## About Us

Innovative Mindz Consultants has its offices in Delhi and Bangalore with the headquarters in Delhi. It specializes in providing the following services:

### **Business Excellence Consulting**

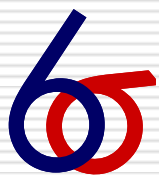
This involves conducting various trainings on Lean, Six Sigma, Business Process Reengineering, Theory of Constraints and Project Management.

- ✓ Project Identification workshops
- ✓ Mentoring of process/quality improvement projects
- ✓ Conducting open courses on various lean and six sigma certifications

### **About our consultants**

We have a pool of certified Black Belts and Master Black Belts who have years of hands on experience of deploying Business excellence practices in multiple industries like Manufacturing, IT and ITeS, Banking & Finance and Healthcare. Some of the key achievements of our consultants:

- ✓ Conducted over 400 workshops
- ✓ Trained over 2000 trainees
- ✓ Collectively mentored over 1000 projects
- ✓ Conducted trainings at multiple Global locations
- ✓ They have been publishing articles on international forums



## Course Contents

### Overview

1. History of Quality movement
2. What is Six Sigma?
3. What is Lean?
4. Concept of Value and 7 wastes of Lean
5. Significance of Lean and Six Sigma
6. Lean Six Sigma Organization
7. Impact and benefits of Lean Six Sigma
8. Lean Six Sigma approach

### Define Phase

1. Project Charter
2. Identifying business opportunity
3. How to capture Voice of customer?
4. Identifying CTQs
5. SIPOC Chart
6. Process Mapping
7. Basics of Project management
8. Team Dynamics



## Course Contents

### Measure Phase

1. SIPOC Indicators
2. Cause & Effect Diagram
3. Cause & Effect Matrix
4. Type of data
5. Sampling
6. Measurement System Analysis
7. Data collection

### Analyze Phase

1. Understand Variation
2. Graphical Analysis
3. Hypothesis Testing
4. Simple Regression
5. Value Analysis
6. FMEA

## Course Contents

### **Improve Phase**

1. Generating improvement ideas
2. Types of Brainstorming
3. Introduction to Six hat thinking
4. Affinity diagram
5. Benchmarking
6. Mistake Proofing
7. Solution prioritization and selection
8. Pilot and Benefits

### **Control Phase**

1. Significance of Control
2. Process control system
3. Control plan
4. Significance of mistake proofing in control
5. Statistical process control (SPC)
6. Variable and Attribute control charts
7. Project closure and hand off