



Six Sigma is a data driven, customer focused, and result oriented methodology which uses statistical tools and techniques to systematically eliminate defects and inefficiencies to improve processes.

**Make your organization Six Sigma enabled in two simple steps:**

Get your organization Six Sigma enabled through these 2 simple steps:

**Step 1** – Learn the basics of Six Sigma for free and get your entire team(s) Six Sigma Yellow Belt Certified (SSYB™). Also find out how Six Sigma can be used effectively in your company.

**Step 2** – Get Certified in Advanced Six Sigma Roles

6sigmastudy™ offers advanced certifications helping teams complete Six Sigma projects faster and more successfully. Get your employees certified for advanced Six Sigma roles such as Six Sigma Green Belt (SSGB™), Six Sigma Black Belt (SSBB™), Lean Six Sigma Green Belt (LSSGB™), and Lean Six Sigma Black Belt (LSSBB™).

# Overview of Six Sigma

*Six Sigma is a widely accepted quality concept in the corporate world. It is a data driven, customer focused, and result oriented methodology which uses statistical tools and techniques to systematically eliminate defects and inefficiencies to improve processes.*

Six Sigma started its journey in the 1980s as a data driven method to reduce variation in electronic manufacturing processes in Motorola Inc. in the USA. Six Sigma became famous when Jack Welch made it vital to his successful business strategy at General Electric in 1995. Today it is used as a business performance improvement methodology all over the world in diverse industry including general manufacturing, construction, banking and finance, healthcare, education, government, KPO/BPO, IT/ Software. At present IT/ ITES sector companies are dynamically implementing Six Sigma and it is no more confined into manufacturing sector only.

The term 'Six Sigma' comes from statistics and is used in statistical quality control (SQC) which evaluates process capability i.e. the numerical measure of the ability of a process to meet the customer specifications. A Six Sigma process is the one which produces 99.99966% statistically defect-free outputs which is equivalent to 3.4 defects per million opportunities (DPMO).



# Six Sigma vs Traditional Quality Management

## Key benefits of using Six Sigma:

- ✓ Six Sigma helps companies to reduce cost and improve productivity
- ✓ Six Sigma improves quality of project outputs by reduction of inefficiencies and defects.
- ✓ Six Sigma increases customer satisfaction and loyalty
- ✓ Certified Six Sigma Professionals can help to increase ROI significantly.

## Six Sigma vs Traditional Quality

Six Sigma	Traditional Quality Management
Decisions are driven by data	Decisions are taken based on a combination of data and 'gut feel'.
Control process inputs (Focus on X's)	Inspection method (Focus on Y)
Structured use of statistical tools to help in problem solving	No formal structure exists for the application of tools
Structured training in applied statistics	Lack of structured training
Root cause approach	Band aid approach
Prevention over inspection	Inspection over prevention

## Six Sigma Characteristics

- Customer centric
- Process focused
- Data driven
- Involvement and support of the top management
- Cultural change
- Breakthrough performance gains
- Structured improvement deployment
- Validation through key business results
- Reduction in variation
- Elimination of defects
- Improvement in yield
- Enhancement in customer satisfaction
- Strengthening of the bottom line

# Who is Using Six Sigma

*All leading companies in the world use Six Sigma*

Six Sigma has come a long way since its inception in the mid 80's. In the present day, Six Sigma is one of the most widely applied methodologies for improvement projects globally. Also, the widespread increase in the demand for certified Six Sigma professionals is a testimony to the fact that Six Sigma is here to stay.

Before, 1987, Six Sigma was solely a statistical term. Since then, the Six Sigma crusade, which started at Motorola, has spread to other companies who are continually striving for excellence. Over the last two decades it has evolved from a problem-solving technique to a quality strategy and ultimately into a sophisticated quality philosophy. After GE's Jack Welch made it a central focus of his business strategy in 1995, looking at the success, all other leading companies started following the trend. And today, Six Sigma is the fastest growing business management system globally.



GE and Dow have been using Six Sigma for new product development and customer support to reduce costs, improve performance, and increase profitability

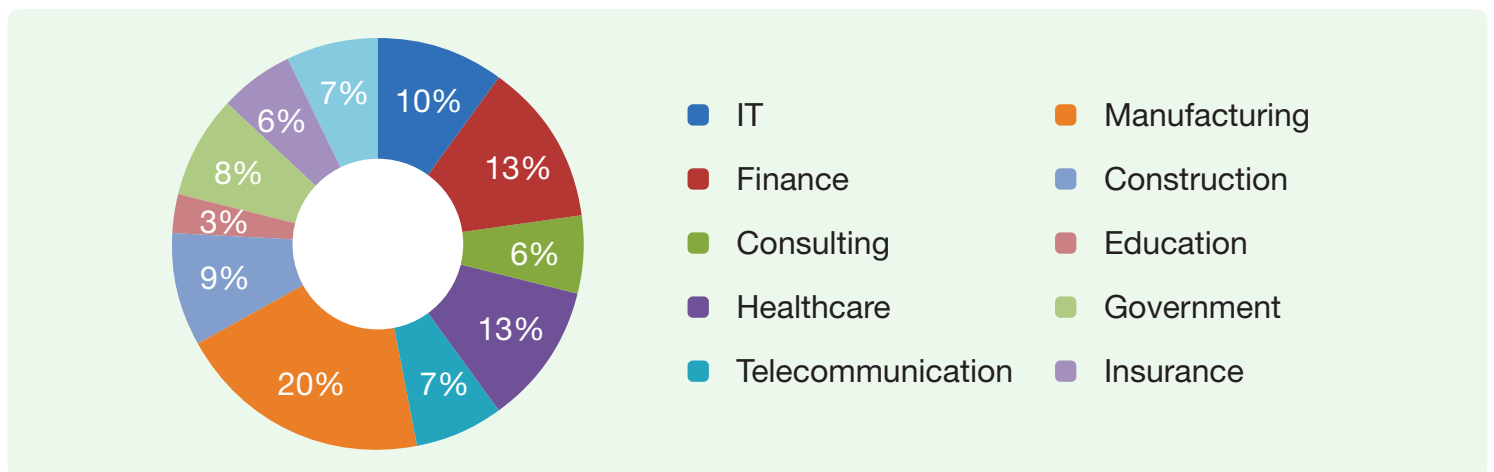
Citi bank uses Six Sigma to reduce variability in cycle times, error rates, costs, “days to pay” of accounts payable, and improve employees’ productivity ratios.

Accenture uses Six Sigma to eliminate waste and become faster and more responsive to its customers, driving revenue growth.

# Who is Using Six Sigma

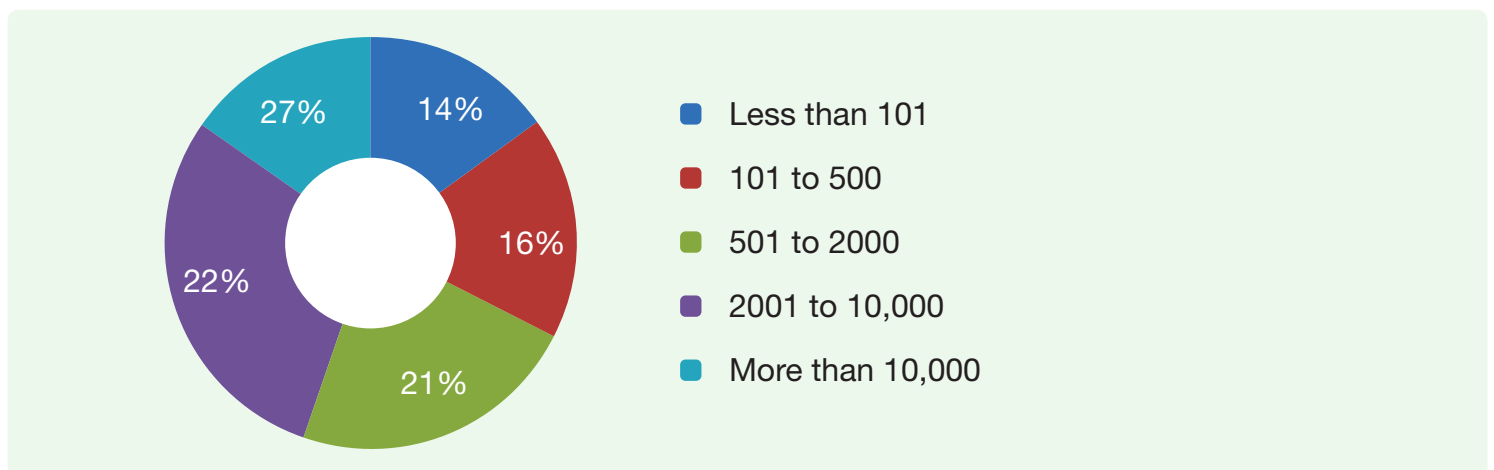
The figure below shows that Six Sigma is not only adopted by manufacturing companies. Six Sigma is increasingly being applied outside of the traditional manufacturing industry because of its inherent benefits. Today's competitive environment leaves no room for error. We must delight our customers every time and relentlessly look for new ways to exceed their expectations. Six Sigma plays a huge role in doing so irrespective of industry.

Many say that Six Sigma is only for large companies where they follow lot of processes. However, survey conducted by 6sigmastudy revealed that it is equally adopted by small to medium sized organizations as well. The figure below shows the distribution of companies by employee count.



Distribution of companies using Six Sigma by industry

Demand for Six Sigma - 6sigmastudy survey – 2019



Distribution of companies using Six Sigma by employee count

Demand for Six Sigma - 6sigmastudy survey – 2019

# Why 6sigmastudy

	6sigmastudy™ Six Sigma Certifications	Other Six Sigma Certifications
1. Biggest accreditation body for Six Sigma certifications	6sigmastudy™ is the biggest accreditation body for Six Sigma certifications. 6sigmastudy™ has the largest Authorized Training Partner (A.T.P.) network of 2,100+ partners in 90+ countries.	Other Six Sigma accreditation bodies are smaller and not as well-recognized as 6sigmastudy™.
2. Students from 25,000+ companies in 150+ countries	VMEdu® / 6sigmastudy™ has trained/certified more than 750,000 students in delivering successful Six Sigma projects. More than 5,000 students are certified by 6sigmastudy™ each month which is more than any other certification body. Employees of 25,000+ companies from 150+ countries have enrolled with 6sigmastudy™/VMEdu®.	Other Six Sigma accreditation bodies are not as popular or as widely accepted.
3. Industry-wide acceptance	The knowledge gained by getting a 6sigmastudy™ certification is universal in its application and has been applied by organizations in diverse projects spanning an eclectic mix of industries.	Other Six Sigma certifications are not accepted in all industries. Most of the time the learning from these certifications applies only to specific industries.
4. Established name in Six Sigma certifications	<p>Training for 6sigmastudy™ certifications are provided by Authorized Training Partners (A.T.P.s) globally.</p> <p>With more than 2,100+ A.T.P.s globally, 6sigmastudy™ has the widest network of accredited training companies offering its certifications.</p> <p>6sigmastudy™ certifications are widely reputed and accepted by various Fortune 500 companies such as Apple, IBM, HP, Bank of America, AT&amp;T, Dell, Verizon, Lockheed Martin, and PepsiCo.</p>	Other Six Sigma certification companies conduct their training through a much smaller network of trainers or training companies, and do not have the same level of credibility in the market that 6sigmastudy™ has.
5. Active Discussions to share and learn	6sigmastudy™ engages the Six Sigma/Lean and Quality Management community through active discussions on LinkedIn, Twitter, Facebook, multiple Discussion Forums and Blogs. The 6sigmastudy™ LinkedIn Group is the most active Group for Six Sigma on LinkedIn.	Usually, other certification providers do not have such high activity discussion forums to engage their community.
6. Multiple free resources for Six Sigma Community	6sigmastudy™ provides a wide range of free resources such as 5+ hours of high-quality videos, useful case studies, interactive mobile apps, blogs, and articles, thereby contributing to the increased awareness of Six Sigma in the Six Sigma communities.	No other Six Sigma Certification provides high quality content and free resources to students in multiple formats. The main focus of such certification providers is to get students to their paid classes, rather than help students succeed with best practices.

# Why 6sigmastudy

	6sigmastudy™ Six Sigma Certifications	Other Six Sigma Certifications
7. Free "Six Sigma Yellow Belt" - SSYB™ Course	Through its free Six Sigma Yellow Belt (SSYB™) Course, 6sigmastudy™ not only introduces Six Sigma concepts to professionals but also helps them get an introductory certification for free. This free certification includes approximately 10 hours of free online self-study through videos, case studies, and guides. The free SSYB™ certification is a great way to introduce Six Sigma to all employees in your organization.	Other Six Sigma certifications usually do not provide any free resources or help for students to get a basic idea of Six Sigma concepts. In most cases, professionals are required to pay upfront before even getting their first lesson on Six Sigma.
8. Credible and standard testing environment	With an emphasis on providing candidates with a reliable and credible testing environment, we conduct our certification exams using our live online proctoring system unlike other certifying bodies. This allows you to take your certification exams from the comfort of your home. All exams will be proctored live and videos of the exams will be recorded and reviewed by our assessment team.	Other Six Sigma certifications do not have a standardized examination. Most of them only require candidates to be present for a workshop and take a test, the result of which has no bearing on whether the candidate qualifies for the certification. These kinds of certifications never have the credibility companies require to select candidates for key roles.
9. Teaching methodology	6sigmastudy™ A.T.P.s use a scientifically proven and highly interactive teaching methodology including role-plays, case studies, and simulations explaining the key Six Sigma concepts for their Six Sigma certification courses. To ensure an enriching learning experience for all our students, each trainer associated with a 6sigmastudy™ A.T.P. is required to be an accredited 6sigmastudy Certified Trainer (SSCT®).	Other Six Sigma certification “workshops” are actually lectures. They are not engaging or interactive and most of the times involve delegates (sometimes more than 50 in a class) hearing an instructor for hours without any structured role plays or case studies.
10. Experienced 6sigmastudy™ trainers	Any person who is qualified as a 6sigmastudy Certified Trainer (SSCT®) undergoes a rigorous assessment process and he or she has to exhibit proficiency in the concepts of Six Sigma. All trainers are required to successfully pass three 6sigmastudy™ certification exams before they can be eligible to teach. Moreover, all feedback from students about their respective trainers is reviewed and all 6sigmastudy™ trainers regularly participate in "Train-the-Trainer" sessions, which help them understand the nuances of our certifications and further cement their understanding of the Six Sigma methodology.	Usually, other Six Sigma Certifications do not have such strict requirements for trainer accreditation, and thus the quality of their instructors may not be very high.

# Overview and Benefits

## 6sigmastudy™ – Your Trusted Partner for Corporate Training and Certification



6sigmastudy™, the Global Accreditation Body for Six Sigma Certifications, provides training for 25,000+ companies in 150 countries. To sign-up for a scheduled corporate class and/or to take advantage of corporate discounts for your company, please email us at [marketing@6sigmastudy.com](mailto:marketing@6sigmastudy.com) our corporate account representative will contact you.

Some of the 6sigmastudy™ / VMEdU® corporate clients are listed below



Six Sigma is a data driven, customer focused, and result oriented methodology which uses statistical tools and techniques to systematically eliminate defects and inefficiencies to improve processes. It is a systematic method to measure and analyze business processes to identify critical factors affecting business results, thereby improving processes, and establishing controls around the improved processes. Join 6sigmastudy™ LinkedIn Group for live discussions among quality management professionals about Six Sigma vs. Traditional Quality Management.

Employees of 25,000+ companies from 150 countries have enrolled with 6sigmastudy™/VMEdU®.

6sigmastudy™ provides the flexibility to get trained through instructor-led physical and virtual classes, online courses including high-quality videos, interactive case studies, illustrative study guides, chapter test questions, and mobile app.



# Overview and Benefits

Get your organization Six Sigma enabled through these 2 simple steps:

**Step 1 – Learn the basics of Six Sigma for free and get your entire team(s) Six Sigma Yellow Belt Certified (SSYB™). Also find out how Six Sigma can be used effectively in your company.**

6sigmastudy™ provides multiple free resources such as:



## Free Virtual Instructor-led Six Sigma Webinar and SSYB™ Training

5-hour Virtual Instructor-led class prepares participants for the Free Six Sigma Yellow Belt Certified (SSYB™) certification exam. Training is provided by experienced faculty. This training is highly detailed and includes topics such as DMAIC, Balanced Scorecard, Voice of Customer, Kano Model, Quality Function Deployment (QFD), Check Sheet, Data Mining, Run Chart, Ishikawa Diagram, Hypothesis Testing, and more. To enroll for the upcoming webinar and SSYB™ training, please visit [www.6sigmastudy.com](http://www.6sigmastudy.com).



## Free "Six Sigma Yellow Belt" - SSYB™ Online Course and Certification

Learn basic concepts of Six Sigma and get an introductory certification for free. This free certification and online course include approximately 10 hours of best-in-class online content such as high-quality videos, interactive case studies, chapter tests, study guides, and more. To enroll in Free online SSYB™ course and certification, please visit [www.6sigmastudy.com](http://www.6sigmastudy.com)

## Step 2 – Get Certified in Advanced Six Sigma Roles

6sigmastudy™ offers advanced certifications helping teams complete Six Sigma projects faster and more successfully. Get your employees certified for advanced Six Sigma roles such as Six Sigma Green Belt (SSGB™), Six Sigma Black Belt (SSBB™), Lean Six Sigma Green Belt (LSSGB™), and Lean Six Sigma Black Belt (LSSBB™).

Advanced certifications offered include:

6sigmastudy **SSGB**

For Green Belt aspirants

6sigmastudy **LSSGB**

For Lean Green Belt aspirants

6sigmastudy **SSBB**

For Black Belt aspirants

6sigmastudy **LSSBB**

For Lean Black Belt aspirants

### Sign up for corporate class

To sign-up for a scheduled corporate class and/or to take advantage of corporate discounts for your company, please visit [www.6sigmastudy.com](http://www.6sigmastudy.com) and submit your details and our corporate account representative will contact you.

Contact Us

# Free Six Sigma Webinar and SSYB™ Training

## Largest Free Global Webinar/Training on Six Sigma

6sigmastudy conducts 1-hour free Six Sigma webinar followed by 4-hour Virtual Instructor-led class to prepare students for the Six Sigma Yellow Belt (SSYB™) certification exam. After attending this class, participants are prepared to take the SSYB™ certification exam (which is a one hour unproctored exam with forty multiple choice questions) and get the highly valued SSYB™ credential. Training is provided by experienced faculty.

### Interesting stats about the webinar/training



**6000+**  
Average Enrolment



**400+**  
Companies



**236 mins**  
Average time spent  
by participants



**100%**  
Average attentiveness

## Important topics covered in the training

### Introduction

- A brief history of Quality
- Evolution of Six Sigma
- Difference from Traditional Quality Management

### Stakeholders

- Identifying Stakeholders
- Balanced Scorecard
- Voice of Customer (VOC)
- Kano Model

### Setting up Projects

- Project Charter
- Team Management
- Project Planning

### Define

- Inputs
- Tools
- Outputs

### Measure

- Inputs
- Tools
- Outputs

### Analyze

- Inputs
- Tools
- Outputs

### Improve

- Inputs
- Tools
- Outputs

### Control

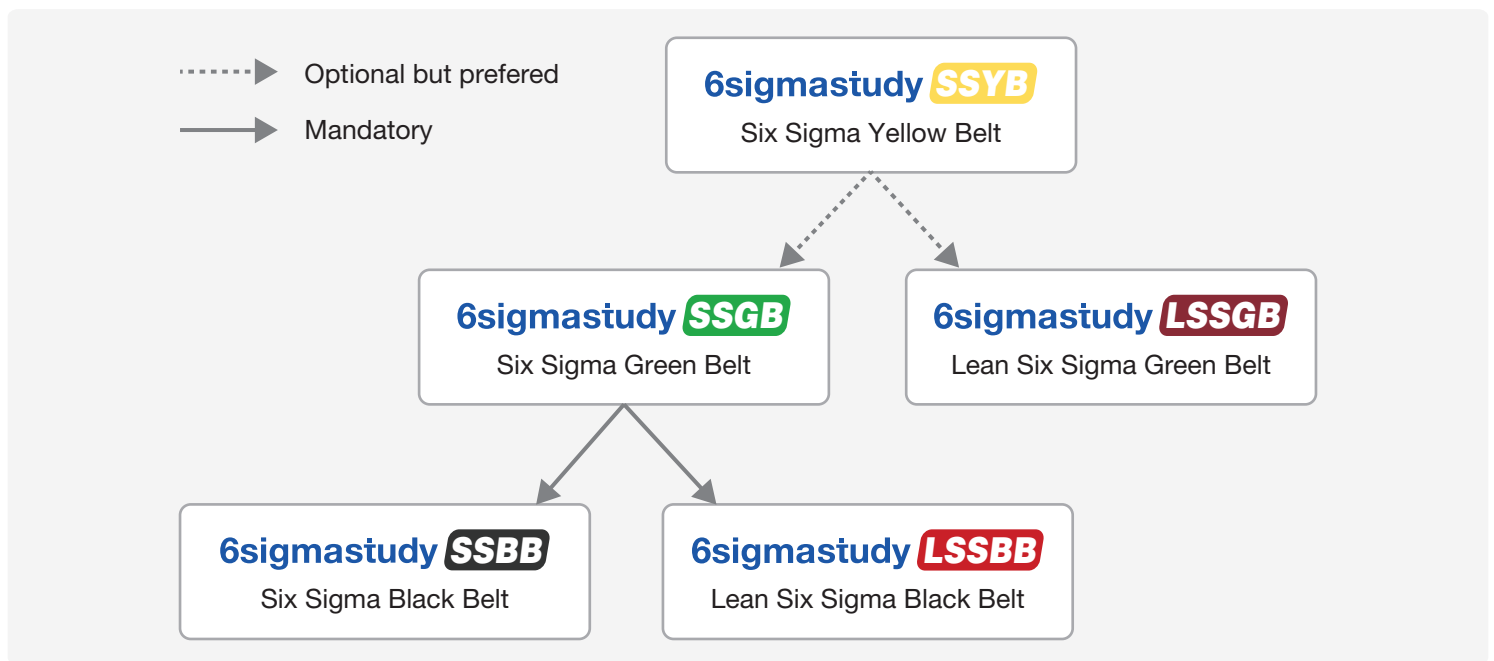
- Inputs
- Tools
- Outputs



# Certification Hierarchy

This Certification Hierarchy Diagram shows the mandatory and optional certifications needed to move to the next level.

6sigmastudy® certified professionals help organizations with improved quality levels, reduction in waste, and increased customer satisfaction.



## Six Sigma Yellow Belt (SSYB™)

Free introductory online course for anyone interested in learning about Six Sigma.

## Six Sigma Green Belt (SSGB™)

Six Sigma Green Belt (SSGB™) course focuses on providing students with an understanding of the various Six Sigma tools and techniques.

## Six Sigma Black Belt (SSBB™)

Six Sigma Black Belt (SSBB) certification focuses on testing students on their comprehensive understanding of the various Six Sigma tools and techniques.

## Lean Six Sigma Green Belt (LSSGB™)

Lean Six Sigma Green Belt (LSSGB™) course focuses on providing students with an understanding of the various Six Sigma and Lean tools and techniques

## Lean Six Sigma Black Belt (LSSBB™)

Lean Six Sigma Black Belt (LSSBB™) certification focuses on testing students on their comprehensive understanding of the various Six Sigma and Lean tools and techniques.

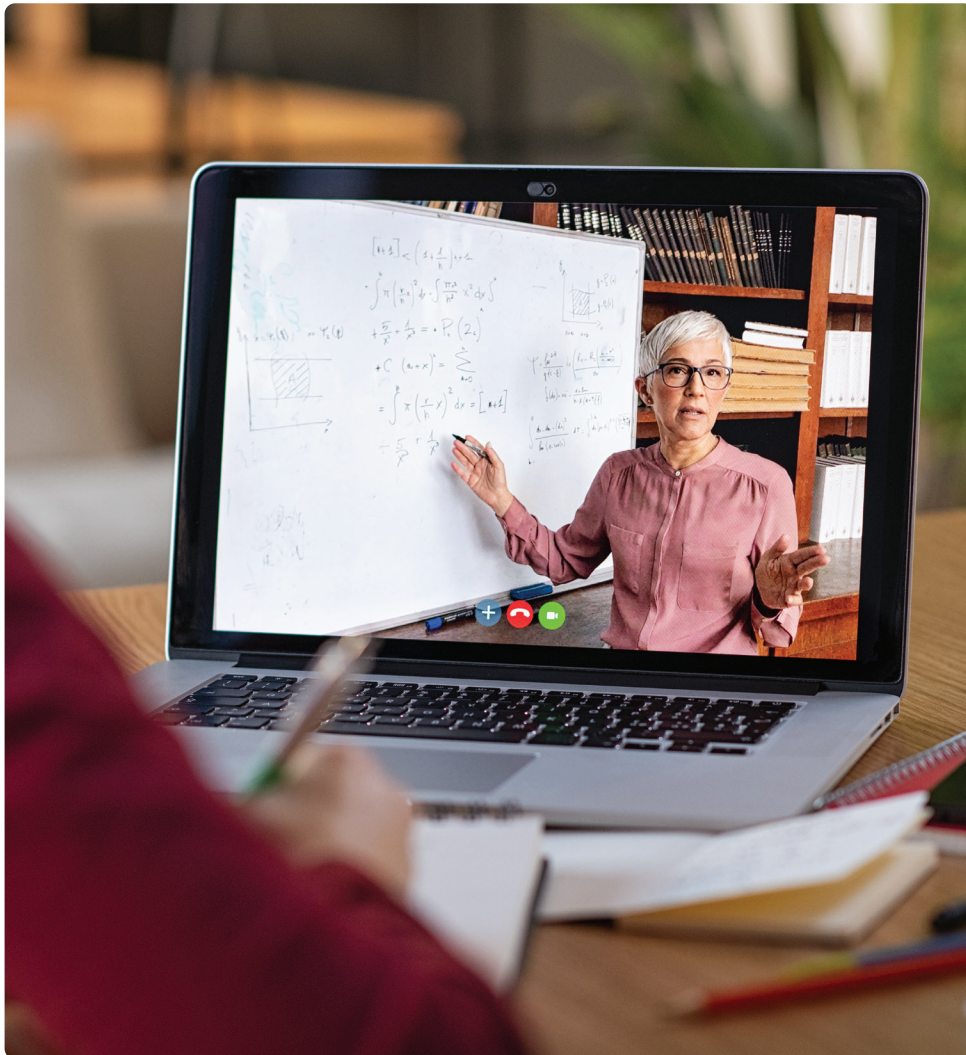
# Six Sigma Yellow Belt (SSYB™)

The Six Sigma Yellow Belt course is tailored to help anyone interested to know what Six Sigma is; learn key concepts in Six Sigma; and to get a basic understanding of how Six Sigma framework works in delivering successful Six Sigma projects.

Once the course is completed, students need to take an assessment to get the certificate. The purpose of the exam is to confirm you have a basic understanding of Six Sigma. Upon passing the exam, you will be accredited as "Six Sigma Yellow Belt."

## Syllabus

1. Introduction to Quality
2. Evolution of Six Sigma
3. Difference between Six Sigma and Traditional Quality Management
4. Fundamentals of Six Sigma



### Examination Format

- Multiple choice
- 40 questions for the exam
- One mark awarded for every correct answer
- No negative marks for incorrect answers
- 60 minutes duration
- Online unproctored exam

### Prerequisites

There is no formal prerequisite for this certification.

### Maintaining Certification

Valid for lifetime

### Audience Profile

Anyone interested in learning more about Six Sigma can take this course and exam for free.

# Six Sigma Green Belt (SSGB™)

Six Sigma Green Belt (SSGB™) course focuses on providing students with an understanding of the various Six Sigma tools and techniques. These tools and techniques are useful in improving the production process and help to minimize defects in the end product.

Upon passing the exam, you will be accredited as "Six Sigma Green Belt."

## Syllabus

### Introduction to Six Sigma

1. History of Quality (Deming, Juran, JIT, Ishikawa, Taguchi, etc.)
2. Evolution of Six Sigma
3. Defining Six Sigma – philosophy and objectives
4. Overview of Six Sigma DMAIC process

### Stakeholders & Setting up a Six Sigma Project

1. Identifying and Documenting stakeholder requirements
2. Project Selection Criteria
3. Project Planning
4. Managing Team Dynamics
5. Important project management & planning tools

### Six Sigma Methodology – Define

1. Inputs – Need for six sigma project, Executive management sponsorship, core team identified
2. Tools
3. Outputs

### Six Sigma Methodology – Measure

1. Objectives of Measure Phase

2. Inputs – the outputs of the Define phase
3. Tools
4. Outputs

### Six Sigma Methodology – Analyze

1. Objectives of Analyze Phase
2. Inputs – outputs of the Measure phase
3. Tools
4. Outputs

### Six Sigma Methodology – Improve

1. Objectives of Improve Phase
2. Inputs – outputs of the Analyze phase
3. Tools
4. Outputs

### Six Sigma Methodology – Control

1. Objectives of Control Phase
2. Inputs – outputs of the Improve phase
3. Tools
4. Outputs

### Case Study

1. Case Study Part 1
2. Case Study Part 2
3. Case Study Part 3

## Examination Format

- Multiple Choice
- 90 questions per exam
- One mark awarded for every right answer
- No negative marks for wrong answers
- Duration of 120 minutes
- Online proctored exam

## Prerequisites

Preferably Six Sigma Yellow Belt (SSYB™) certified, but not mandatory.

## Maintaining Certification

Take SSGB™ Recertification exam every 3 years or earn any 6sigmastudy™ Certification.

## Audience Profile

This course is highly recommended for employees and organizations requiring a standardized approach to problem solving for the purpose of continuous improvement in Quality Management.

# Six Sigma Black Belt (SSBB™)

Six Sigma Black Belt (SSBB™) course focuses on providing students with an understanding of the various Six Sigma tools and techniques. These tools and techniques are useful in improving the production process and help to minimize defects in the end product.

Upon passing the exam, you will be accredited as "Six Sigma Black Belt."

## Syllabus

### Introduction

1. A brief history of Quality
2. What is Quality (Definitions) and service or product
3. Enterprise wide View
4. Six Sigma Roles and Responsibilities
5. Team Management
6. Overview of DMAIC

### Define

1. Stakeholders
2. Benchmarking
3. Business performance measures
4. Financial measures
5. Project Charter and Negotiation
6. Project management plan and Baselines

### Measure

1. Processes, Process characteristics, and process flow metrics
2. SIPOC
3. Data Type & Measurement scale
4. Sampling strategies
5. Fishbone Diagram
6. Relational Matrices or Prioritization Matrix
7. Basic and Analytical Statistics

### Analyze

1. Correlation and Regression Analysis
2. Testing of Hypothesis
3. Gap Analysis
4. The Five Whys
5. Pareto Diagram
6. Tree Diagram
7. Cost of poor Quality (COPQ)

### Improve

1. DOE
2. Poka-yoke
3. 5S
4. SMED
5. Continuous Flow Manufacturing
6. Kaizen
7. Kanban
8. Theory of constraints
9. Risk analysis

### Control

1. Statistical Process and other Control Tools
2. Maintain Controls
3. Sustaining Improvements

### DFSS

1. DFSS

Case Study 1

Case Study 2

## Examination Format

- Multiple Choice
- 90 questions per exam
- One mark awarded for every right answer
- No negative marks for wrong answers
- Duration of 120 minutes
- Online proctored exam

## Prerequisites

Six Sigma Green Belt (SSGB™) certified professional.

## Maintaining Certification

Take SSBB™ Recertification exam every 3 years or earn any 6sigmastudy™ Certification.

## Audience Profile

This certification is highly recommended for professionals who want to develop comprehensive understanding of practical implementation of Six Sigma methodologies. This will involve the use of various tools and techniques to continuously improve processes and products.

# Lean Six Sigma Green Belt (LSSGB™)

Lean Six Sigma Green Belt (LSSGB™) course focuses on providing students with an understanding of the various Six Sigma and Lean tools and techniques useful to improve the production process and minimize defects in the end product with a greater focus on the practical implementation of these tool and techniques in the organization.

Upon passing the exam, you will be accredited as "Lean Six Sigma Green Belt."

## Syllabus

### Introduction to Six Sigma

1. History of Quality (Deming, Juran, JIT, Ishikawa, Taguchi, etc.)
2. Evolution of Six Sigma
3. Defining Six Sigma – philosophy and objectives
4. Overview of Six Sigma DMAIC process

### Stakeholders & Setting up a Six Sigma Project

1. Identifying and Documenting stakeholder requirements
2. Project Selection Criteria
3. Project Planning
4. Managing Team Dynamics
5. Important project management & planning tools

### Six Sigma Methodology – Define

1. Inputs – Need for six sigma project, Executive management sponsorship, core team identified
2. Tools
3. Outputs

### Six Sigma Methodology – Measure

1. Objectives of Measure Phase
2. Inputs – the outputs of the Define phase
3. Tools
4. Outputs

### Six Sigma Methodology – Analyze

1. Objectives of Analyze Phase
2. Inputs – outputs of the Measure phase
3. Tools
4. Outputs

### Six Sigma Methodology – Improve

1. Objectives of Improve Phase
2. Inputs – outputs of the Analyze phase
3. Tools
4. Outputs

### Six Sigma Methodology – Control

1. Objectives of Control Phase
2. Inputs – outputs of the Improve phase
3. Tools
4. Outputs

### Lean

1. A Value Stream Map
2. Lean is Speed
3. Total Supply Chain
4. Lean Six Sigma Logistics

### Case Study

1. Case Study Part 1
2. Case Study Part 2
3. Case Study Part 3

## Examination Format

- Multiple Choice
- 100 questions per exam
- One mark awarded for every right answer
- No negative marks for wrong answers
- Duration of 120 minutes
- Online proctored exam

## Prerequisites

Preferably Six Sigma Yellow Belt (SSYB™) certified, but not mandatory.

## Maintaining Certification

Take SSGB™ Recertification exam every 3 years or earn any 6sigmastudy™ Certification.

## Audience Profile

This course is highly recommended for employees and organizations requiring a standardized approach to problem solving for the purpose of continuous improvement in Quality Management.

# Lean Six Sigma Black Belt (LSSBB™)

Lean Six Sigma Black Belt (LSSBB™) certification focuses on testing students on their comprehensive understanding of the various Six Sigma tools and techniques in conjunction with Lean.

Upon passing the exam, you will be accredited as "Lean Six Sigma Black Belt."

## Syllabus

### Introduction

1. A brief history of Quality
2. What is Quality (Definitions) and service or product
3. Enterprise wide View
4. Six Sigma Roles and Responsibilities
5. Team Management
6. Overview of DMAIC

### Define

1. Stakeholders
2. Benchmarking
3. Business performance measures
4. Financial measures
5. Project Charter and Negotiation
6. Project management plan and Baselines

### Measure

1. Processes, Process characteristics, and process flow metrics
2. SIPOC
3. Data Type & Measurement scale
4. Sampling strategies
5. Fishbone Diagram
6. Relational Matrices or Prioritization Matrix
7. Basic and Analytical Statistics

### Analyze

1. Correlation and Regression Analysis
2. Testing of Hypothesis
3. Gap Analysis
4. The Five Whys
5. Pareto Diagram
6. Tree Diagram
7. Cost of poor Quality (COPQ)

### Improve

1. DOE
2. Poka-yoke
3. 5S
4. SMED
5. Continuous Flow Manufacturing
6. Kaizen
7. Kanban
8. Theory of constraints
9. Risk analysis

### Control

1. Statistical Process and other Control Tools
2. Maintain Controls
3. Sustaining Improvements

### More on Lean

1. A Value Stream Map
2. Lean is Speed
3. Total Supply Chain
4. Lean Six Sigma Logistics

### DFSS

1. DFSS Case Study 1 Case Study 2

## Examination Format

- Multiple Choice
- 125 questions per exam
- One mark awarded for every right answer
- No negative marks for wrong answers
- Duration of 180 minutes
- Online proctored exam

## Prerequisites

Lean Six Sigma Black Belt (LSSBB™) certified professional.

## Maintaining Certification

Take LSSBB™ Recertification exam every 3 years or earn any 6sigmastudy™ Certification.

## Audience Profile

This certification is highly recommended for professionals who want to develop comprehensive understanding of practical implementation of Six Sigma methodologies in conjunction with Lean. This will involve the use of various Six Sigma and Lean tools and techniques to continuously improve processes and products.





## Contact Us

**Web:** [www.6sigmastudy.com](http://www.6sigmastudy.com)

**E-mail:** [info@6sigmastudy.com](mailto:info@6sigmastudy.com)

**Address:** VMEdU, Inc.  
12725 W. Indian School Road,  
Suite F-112, Avondale,  
AZ - 85392