

Improsys's

Six Sigma Certification

▶ **Six Sigma Black Belt**

▶ **Six Sigma Green Belt**

▶ **Six Sigma
Yellow Belt**

Profitability
focus

**ADDRESSING THE NEEDS OF INDIVIDUAL EMPLOYEES TO UPGRADE
PROBLEM SOLVING AND DECISION MAKING SKILLS.**

**Improsys.in is solution provider for integrated business, technology
and process problems on a global delivery platform.**

Improsys is a business improvement solutions organization with focus in the area of systems design, systems development & systems implementation.

Improsys helps organizations to design systems, which connect to the company's vision, goals and objectives.

At Improsys, the emphasis is on putting systems in practice rather than submitting consulting reports.

Six Sigma Green Belt

PROGRAM OVERVIEW

Developing Green Belts is a very powerful approach for cascading Six Sigma approaches and techniques throughout an organization. Green belts receive a subset of the more comprehensive Black Belt curriculum. Green Belt Training emphasizes : A structured problem-solving methodology for addressing business improvement projects; Use of intermediate quality tools within that methodology; and Generating bottom-line financial results. This level of skills and knowledge enables Green Belts to serve as high performing team members on Black Belt project teams as well as valued participants on project that do not require the Black Belt level of analysis and rigor. Green Belt candidates can be employees at virtually all levels in the organization – frontline employees, engineers, etc.



METHODOLOGY

Our approach to developing Six Sigma Green Belts is based on an Action Learning Model. This model combines online instruction with real-time project implementation and training. The course-training syllabus of six sigma is based under the guidelines of Quality Council of India (QCI).

The training is delivered through online and classroom training.



Who should attend?



Green Belts who are groomed in the Six Sigma methodology help cascade Six Sigma approaches and techniques throughout the organization.

They are employees at all levels who serve as high-performing team members on Black Belt project teams, or as leaders on projects that do not require the Black Belt level of analytical rigor.

COURSE CONTENT

- i. Overview of Six Sigma Methodology
- ii. Identification, Prioritization and selection of Improvement opportunities
- iii. Roles and responsibilities in Six Sigma implementation
- iv. Over view of Six Sigma Project execution (DMAIC or DFSS/ DMADV) (Define- Measure- Analyze- Improve & Control, Design for Six Sigma, Define Measure Analyze Design and Validate)
- v. Development of Project Team and Charter
- vi. Define and Map Processes to be improved (SIPOC (supplier, input, process, output, customer) / COPIS (customer, output, process, input, supplier)), Activity Flow Chart)
- vii. Identification of critical to customer / critical to business characteristics (concept of tree diagram)
- viii. Type of Data, Sample Size determination for a given confidence level and Data Collection Planning including use of Prioritisation Matrix and/or FMEA
- ix. Introduction to various statistical software packages for data display and analysis like Excel, Minitab etc.
- x. Measurement System Evaluation (Gauge R&R) for variables as well as attribute data
- xi. Understanding variation-special causes vs. common causes (like dot plots, box plots, histogram and control charts)
- xii. Stratification methods (like Pareto, Bar Diagrams, stratified dot plot, etc)
- xiii. Evaluation of Process Capability and assessment of Sigma level
- xiv. Process Mapping including, identification of value added and non value added activities (use of lean concept)
- xv. Organizing for potential causes using cause and effect diagram, FMEA & Tree Diagram
- xvi. Verification/validation of causes using work place investigation (GEMBA)
- xvii. Concept of correlation and Regression and use of the same in validating causes
- xviii. Concept of Test of Hypothesis like 2 Sample t, Chi Square, ANOVA etc and use of the same in validating the causes
- xix. Concept of Industrial experimentation
- xx. Select and prioritize solutions for the validated causes including concept of Risk Analysis using FMEA.
- xxi. Develop plan for pilot and full scale implementation
- xxii. Concept and Examples of Poke Yoke, Visual Workplace and 5S
- xxiii. Evaluation and monitoring mechanism (like control chart for controlling Purposes, Process audit, Surveillance) of results after implementation of the Solutions
- xxiv. Institutionalization and integration of the solutions
- xxv. Process of Closing the Project
- xxvi. Work through at least 2 six sigma projects of different applications

SMARTER LEARNING: ONLINE CLASSROOM



The training is delivered through online classroom. Highlights of training programs are-

- Access to the self-paced online material anytime from any location
- Students complete the program 100% online.
- High quality online tutorials/notes for each topic
- Online Multimedia Audio/ Video Classroom trainings
- Chatting facility for online discussions on project issues for each topic
- Discussion forums for offline discussions on project issues for each topic
- Online practice exams and quizzes for each topic
- Online and offline assignments for understanding practical aspects of six-sigma implementation.
- Six Sigma Training Certification upon completion of online examination. In first attempt. (Attempts allowed 1 for online courses and 3 for offline courses).

COURSE FEES & DURATION:

The Course Fees for Classroom Six Sigma Green Belt Certification Course is as follows:

Admission Fee	: Rs 0.00/-
Tuition Fee	: Rs 5000 /-per session.
Exam & Certification Fee	: Rs 5000 /-only. (Waved if 3 sessions attended).

The program can be completed by attending minimum 2 to 3 sessions depending on –

- **Participant's Learning curve**
- **Qualification and previous exposure to statistical methods.**

Participant is required to deploy knowledge learned during course by completing one six sigma green belt level projects.

TIMING:

Each Session: 10 am-6 pm including break for Lunch and Tea.

PAYMENT MODE:

1. By ELECTRONIC FUND TRANSFER

This can be done directly from your **Internet Banking A/c** (or) visiting your bank branch and placing a **fund transfer request** using the following details of our Bank account.

Execute an **Electronic Fund Transfer** (NEFT) instruction using the following details:

Beneficiary Name: **Improsys**
Beneficiary Account Type: Current Account
Beneficiary Bank: **HSBC Bank**
Beneficiary Account Number: 1460698109
Beneficiary Bank Branch: Pune Deccan
Beneficiary Bank IFSC code: HSBC0411003

2. By DEMAND DRAFT (DD) / Cheque

Demand Draft (DD) favouring "**Improsys**" (payable in Pune)

Send DD to – **Improsys, 427, Jai Ganesh Vision, Akurdi, Pune- 411035.**

3. By CREDIT CARDS-

Visit to <http://www.sixsigma.name> to pay online via secured Payment Gateway.
All Major Credit Cards –MasterCard, Visa are accepted.

REGISTRATION:

- 1. Registration is confirmed after receipt of dually filled enrollment form along with scan copy of the required certificates and requisite amount of course fee.**
- 2. Enrollment form available in <http://www.sixsigma.name/>.**

BENEFITS OF IMPROSYS CLASSROOM TRAININGS:

- 1) Interaction with every student focusing his/her career development.
- 2) Answer to queries and problems faced during training/learning.
- 3) Improvement in knowledge in all aspects with change in attitude and approach towards problem.
- 4) Trainings help in grading up their performance in work.
- 5) Free access to Laptop and Internet during trainings.

Online Registration at:

<http://www.sixsigma.name>

Or

Mail to: supriya@sixsigma.name

