

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 as well as 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).

## ENROLL TO OPEN SOURCE SIX SIGMA ONLINE TRAINING FREE OF COST:

Fee for admission to online Yellow Belt course:RS 0.00(FREE)

Fee for admission to online Green Belt course:RS 0.00(FREE)

Fee for admission to online Black Belt course:RS 0.00(FREE)

Fee for online Yellow Belt Certification Examination: Rs 3,000

Fee for online Green Belt Certification Examination: Rs 5,000

Fee for online Black Belt Certification Examination: Rs 10,000

## 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.

## COURSE DURATION:

The program can be completed during the period of minimum 1 month depending on –

- Participant's Learning curve,
- Qualifying in Examination .

Benchmarking Feature	Improsys	SixSigma.us	Example Group
	<b>Compare the Features of Improsys's course vis a vis other courses available</b>		
Website	<a href="http://www.improsys.in">http://www.improsys.in</a> <a href="http://www.sixsigma.name">http://www.sixsigma.name</a>	<a href="http://www.sixsigma.us">http://www.sixsigma.us</a>	<a href="http://www.examplecg.com">http://www.examplecg.com</a>
Frequency	Any time in year.	Fixed Schedule	Fixed Schedule.
Program Conduction	Online Course for period of 1 month	4 Weeks	Info. Not available
Program Venue	Your Office/ Your Home/ Cyber Cafe	Mostly overseas	Metro cities
Program Timing	In your spare times	Pre-decided	Pre-decided
Program Fees	Rs.5000/-	Rs.75000/- to Rs.1.84 lacs	Info. Not available
Payment Method	Installments are available	Info. Not available	Info. Not available
Course Content	As per Guidelines by Quality Council of India	IACTE	Info. Not available
Course Material	Free High Quality Flash Based Proprietary Notes	Free High Quality Flash Based Notes	Info. Not available
Practice Examinations	Three attempts for offline courses.	Info. Not available	Info. Not available
Chat facility to share thoughts with participants	Available all the time 24 Hrs x 365 Days	Not available	Not available
Discussion Forum facility to discuss practical problems	Available all the time 24 Hrs x 365 Days	Not available	Not available
Practical Guidance	Classroom Training On demand	Info. Not available	Info. Not available
Practical Guidance	Practical Guidance for Up to 3 Projects for offline courses.	Info. Not available	Info. Not available
Area of Expertise	Practical Improvements In -Productivity, Quality, Profitability, Value, On time Delivery	Six sigma, Lean etc.	Six Sigma ,Lean etc
Other Training courses/Expertise	Lean Manufacturing, KAIZEN, NLP,TRIZ, ERP,SCM, POKAYOKE, SMED,5S, Lateral Thinking Stress Management		

**Online Registration at:**

**<http://www.sixsigma.name>**

**Or**

**Mail to: [supriya@sixsigma.name](mailto:supriya@sixsigma.name)**