



Accelper Consulting

ACCELER CONSULTING, USA  
&  
GLOBAL INSTITUTE OF INTELLECTUAL PROPERTY (GIIP)  
Present a 3 DAY WORKSHOP on  
**SIX SIGMA GREEN BELT TRAINING & CERTIFICATION**  
(A PRACTICAL APPROACH TO IMPROVEMENT)

July 07-09, 2010  
at India Habitat Center, New Delhi

COURSE CERTIFIED BY:



IIT School of Applied Technology  
ILLINOIS INSTITUTE OF TECHNOLOGY

#### ABOUT GIIP

GIIP is a pioneering Institute in IP education & research. The company has been set up by a team of successful entrepreneurs, US lawyers and IP practitioners. GIIP's training programs are conducted by Indian and international IP practitioners, to provide comprehensive knowledge about different types of Intellectual Property (IP), related protection systems & their significance, infringement issues and strategies for commercialization and management. GIIP's training programs cater to a wide audience including inventors, scientists, domain experts, business managers, practicing professionals, and teachers & students from technical, legal and management streams.

#### COURSE CONCEPTUALIZED, DESIGNED AND MODERATED BY PRAVEEN GUPTA



- Worked with Bill Smith, Inventor of Six Sigma at Motorola
- Master Six Sigma Black Belt
- Over 30 years of experience in Business Management
- Pioneer of Six Sigma deployment at Motorola
- Author & Co-author of over 10 Best sellers including Six Sigma Scorecard
- President of Accelper Consulting

#### COMMENDATION FROM SOME WHO HAVE READ AND BENEFITTED FROM PRAVEEN'S 'STAT FREE SIX SIGMA' BOOK

*"Praveen, Thank you. Your writing is just like your teaching method: clear, stimulating, concise and professional. Thanks to your book I was able to grasp a working knowledge of Six Sigma principles and apply the concepts almost immediately."*

*"Praveen has written a great book which breaks the entire statistical image of this concept of Six Sigma. This book has and will bring a revolution in this field. A piece of great writing by a great author and expert in the area."*

Today, more than ever before, corporations world over are scrambling to improve their processes, techniques, and strategies. They need to survive in an age of global competition, uncertainty and complexity.

The Six Sigma Green Belt Training and Certification is designed to dramatically improve the effectiveness of the processes. Challenged by the financial crisis, corporations are re-looking at current processes for their effectiveness and efficiency. Praveen Gupta, being involved with Six Sigma right since its birth at Motorola, provides a practical, easy-to-understand framework to help improve most processes.

Six Sigma has been used by multinationals (MNCs) with great results. While statistics has a role in Six Sigma, its emphasis has been blown out of proportion. This workshop is a realistic guide on how to solve most business problems with improved process knowledge using powerful Six Sigma tools.

By implementing the tools presented in the workshop, participants can successfully and quickly achieve dramatic process improvements. The participants will practice the tools with examples and hands-on exercises. The return to their investment shall be almost immediate after they start working on the projects that they would identify during the training.

*"Review of Six Sigma implementations across several companies revealed a serious problem with over dependency of Six Sigma on statistics at the cost of dramatic improvement, its original premise."*  
- Praveen Gupta

#### WHO SHOULD ATTEND

This workshop is a must for Directors, Senior Managers, Managers, Leaders, Engineers, Professionals and Senior Executives from service or manufacturing organizations representing various departments: Finance, Human resource, Planning & strategy, Customer service, Quality, Innovation, Operation, Six Sigma, Business process management, Business development & marketing.

## DAY 1 - SESSION 1

### SHOOTING FOR SIX SIGMA

- A Conceptual Understanding of Six Sigma
- Acceptability vs Excellence

### BASICS OF SIX SIGMA

- Roadmap
- Conventional vs. Six Sigma Thinking
- Intent, Methodology, Tools and Measures

### LEARNING OBJECTIVES

To conceptually understand the need for Six Sigma with a simulation. Understand the difference between "Excellence" and "Acceptable" work. Internalize what is expected out of Six Sigma performance. Clarify common misunderstanding about Six Sigma and understand the Six Sigma foundation and fundamentals.

## DAY 1 - SESSION 2

### DEFINE PHASE AND APPLICATION

- Understanding the Scope of Practical Six Sigma
- Definition of Key Six Sigma Terms

### REVIEW OF THE PROBLEMS BROUGHT TO THE CLASS

### DEFINE TOOLS AND THEIR APPLICATION

- Project Priority Index
- Pareto Principle
- Process Mapping
- Kano's Analysis
- SIPOC
- CTQ
- Project Charter

### LEARNING OBJECTIVES

To understand key Six Sigma terms such as defect, DPMO and Sigma Level. To review the real business problems & apply the Define tools to select the problem to work upon immediately after the completion of the training. To identify problems, develop a project charter to address a problem & systematically apply the Defined tools learned on a case study provided for the training.

## DAY 2 - SESSION 3

### MEASURE PHASE AND APPLICATION

- Cost of Quality
- DPU
- DPMO
- Sigma Level
- Statistical Thinking

### LEARNING OBJECTIVES

To understand the cost of quality concepts & Six Sigma measurements. To quantify the problem attributes of the case study provided for the training and determine the Sigma level of the current performance.

## DAY 2 - SESSION 4

### ANALYZE PHASE AND APPLICATION

- Analyze Tools and their Application
- Cause and Effect Diagram
- FMEA
- Scatter Plot
- Visual Regression Analysis

### LEARNING OBJECTIVES

To identify the causes of the problem by systematically applying the Analyze tools learned on a case study provided for the training and determine the relationship between variables and their impact on the problem.

## DAY 3 - SESSION 5

### IMPROVE PHASE AND APPLICATION

- Component Search
- Comparative Tests - Improving Means
- Comparative Tests - Improving Variance
- Full Factorial Experiment

### LEARNING OBJECTIVES

To determine how to solve the problem by systematically applying the Improve tools learned on a case study provided for the training.

## DAY 3 - SESSION 6

### CONTROL PHASE AND APPLICATION

- 4-P Model of Process Excellence
- Management Review
- Control Chart
- Scorecard
- Completion of the Case Study
- Test & Certification

### LEARNING OBJECTIVES

To determine how to sustain the solution by systematically applying the Control tools learned on a case study provided for the training. Test is taken after completing the case study. To get certified as Six Sigma Green Belt!

## WORKSHOP SCHEDULE

|          |                        |          |                       |
|----------|------------------------|----------|-----------------------|
| 09:00 am | Registration           | 09:30 am | Workshop commences    |
| 11:30 am | Refreshments (15 min.) | 01:45 pm | Networking Lunch      |
| 03:00 pm | Workshop Resumes       | 04:30 pm | Refreshments (15min.) |
| 06:00 pm | Workshop Ends          |          |                       |

## REGISTRATION

To register for the workshop, please visit our website, download the form and email the filled form to [intellect@giipinfo.com](mailto:intellect@giipinfo.com)

## FOR MORE INFORMATION

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SOME BEST-SELLING  
BOOKS AUTHORED  
AND CO-AUTHORED  
BY PRAVEEN GUPTA

