

# Six Sigma Certifications



**LEAD THE WORLD WITH  
CERTIFICATIONS  
AND  
TRAINING PROGRAMS  
FROM  
BUSINESS EXCELLENCE  
INSTITUTE**



To request a quote:

Email:

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# A Breakthrough Management Strategy!

A fact-based, data-driven Philosophy of Quality Improvement for sustainable business performance, improved customer satisfaction and bottom-line results by reducing variation and waste, thereby providing a distinct competitive advantage. It applies in all kinds of organizations where variation and waste exist, and every employee should be involved. **Six Sigma** Certification programs are intensive learning course work, based on **ASQ** Six Sigma Bodies of Knowledge, with parallel application of **DMAIC** Methodology for Improvement opportunities in the organization.

To become certified, each participant should complete at least one project, shall demonstrate application of **DMAIC** Methodology, shall demonstrate use of **MINITAB** or **JMP** Software for Statistical Analysis, and pass an examination at the end of the course work. **BEI's** certifications are widely recognized in the industry. Our programs also prepare participants to appear for the relevant American Society for Quality (**ASQ**)'s **Six Sigma** Certification Examinations.

## We offer two levels Six Sigma training and certifications:

### Green Belt (Basic course) Black Belt (Advanced course)

Completion of Green Belt program / certification is NOT mandatory for Attending the Black Belt certification Programme.

## Trainers Profiles:

### Mr. Srinivasarao K, M.Tech (Quality), IIT Kharagpur:

Srinivasarao is a Certified Six Sigma Master Black Belt and Assessor for Business Excellence, Certified Project Management Professional, CMMI Lead Appraiser, ISO9001 Lead Auditor with 10 years of Industry experience in Quality & Business Excellence, earlier worked with Novell Software Development, Infineon Technologies, STMicroelectronics, and INDAL.

### Mr. K.N. Gopalakrishna, MBB ISI, ASQ CSSBB, Pro. Auditor:

Gopalakrishna is an MBB from ISI (Indian Statistical Institute), ASQ CSSBB (AMERICAN SOCIETY FOR QUALITY CERTIFIED SIX SIGMA BLACK BELT) and an IRCA CERTIFIED ISO-9001 PRO. AUDITOR with over 23 years of experience in HMT Watches - a high technology high precision manufacturing industry in the areas of QC & QA, Production Engineering & Technology, R & D, Concepts and design, Product Development, Product Management & Marketing, Business planning, New project planning & execution, Team management, Export marketing, Imports, Six Sigma Project experience in HMT.



# Six Sigma Black Belt - Certification Program

## A 10 days learning experience based on ASQ's SSBB BOK framework

- ◆ The Certified Six Sigma Green Belt operates in support of or under the supervision of a Six Sigma Black Belt, analyzes and solves quality problems and is involved in quality improvement projects. A Green Belt is someone who wants to demonstrate his or her knowledge of Six Sigma tools and Processes.

### Who Should Attend?

- ◆ The Program is suitable for CEOs, Business Leaders, Managers, Team Leaders, Team Members, manufacturing, Quality, HR, Finance, Sales & Marketing, IT & Customer Support Professionals from all kinds of organizations.
- ◆ Postgraduate/Graduate Students from all educational disciplines
- ◆ Suitable to all individuals who want increase their competency and employability With better Remuneration.

## Programme Content:

### I. Enterprise-Wide Deployment

- A. Enterprise view
- B. Leadership
- C. Organizational goals and objectives
- D. History of organizational improvement/Six Sigma

### II. Business Process Management

- A. Process vs. functional view
- B. Voice of the customer
- C. Business results

### III. Project Management

- A. Project charter and plan
- B. Team leadership
- C. Team dynamics and performance
- D. Change agent
- E. Management and planning Tools

### IV. Six Sigma Improvement Methodology and Tools – Define

- A. Project scope
- B. Metrics
- C. Problem statement

### V. Six Sigma Improvement Methodology and Tools – Measure

- A. Process analysis and documentation
- B. Probability and statistics
- C. Collecting and summarizing data
- D. Properties and applications of probability Distributions
- E. Measurement systems
- F. Analyzing process capability

### VI. Six Sigma Improvement Methodology and Tools – Analyze

- A. Exploratory data analysis
- B. Hypothesis testing

### VII. Six Sigma Improvement Methodology and Tools – Improve

- A. Design of experiments (DOE)
- B. Response surface methodology
- C. Evolutionary operations (EVOP)

### VIII. Six Sigma Improvement Methodology and Tools – Control

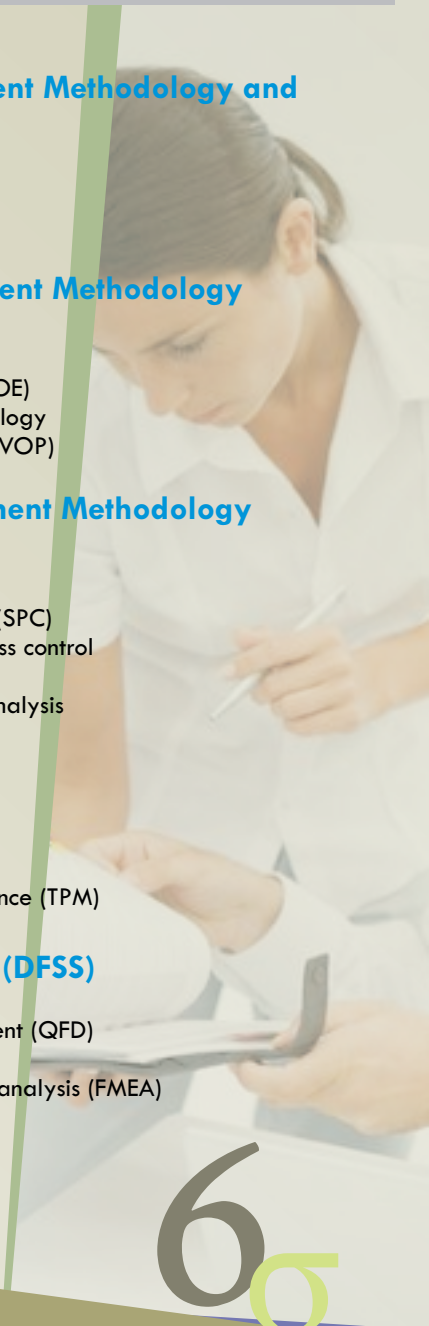
- A. Statistical process control (SPC)
- B. Advanced statistical process control
- C. Lean tools for control
- D. Measurement system re-analysis

### IX. Lean Enterprise

- A. Lean concepts
- B. Lean tools
- C. Total productive maintenance (TPM)

### X. Design for Six Sigma (DFSS)

- A. Quality function deployment (QFD)
- B. Robust design and process
- C. Failure mode and effects analysis (FMEA)
- D. Design for X (DFX)
- E. Special design tools.



## Registration Details:

- ◆ The Maximum Class Size is 15 and it is a non residential program. Participants are advised to bring Laptops.
- ◆ Payment can be made by Cash/Cheque/DD in favor of "Business Excellence Institute Pvt Ltd" in advance of the program.
- ◆ Time : 9am to 7pm.
- ◆ Discount :  
Task force of 3-->5%  
Task force of more than 3-->10%

## Programme Structure:

- ◆ Comprehensive learning program with 30 % theory concepts and 70 % of hands on practice covering actual industry project cases studies (minimum of 4 projects demonstration)
- ◆ Certification Exam will be held on the last day of the program.
- ◆ Project will be mentored.
- ◆ Free Projects are given by Partners/Group companies

## Course Fee :

Course Fee for **Six Sigma Black belt** for 10 days (including Training material, Certification, Project Mentoring, lunch) will be 35,000 (Inclusive of all taxes)

## ABOUT US:

Business Excellence Institute (BEI) is a leading Management Consulting organization, offering focused Business Excellence Solutions to organizations worldwide to achieve sustainable business performance results and to contribute to the delivery of Quality Products, Solutions and Services to transform the human lives every day. We offer Customized Business Consulting, Training & Certification services for Customers' advantage with Predictability, Quality and Performance. Our Business Excellence Consulting Services provide a proven path for organizations to reap the huge benefits from improved bottom line business results which otherwise goes away as unrealized potential. Our Consultants are amongst the best professionals in today's market and deliver unmatched value ingrained with current trends and innovations to create an Edge for our Customer's Businesses.



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