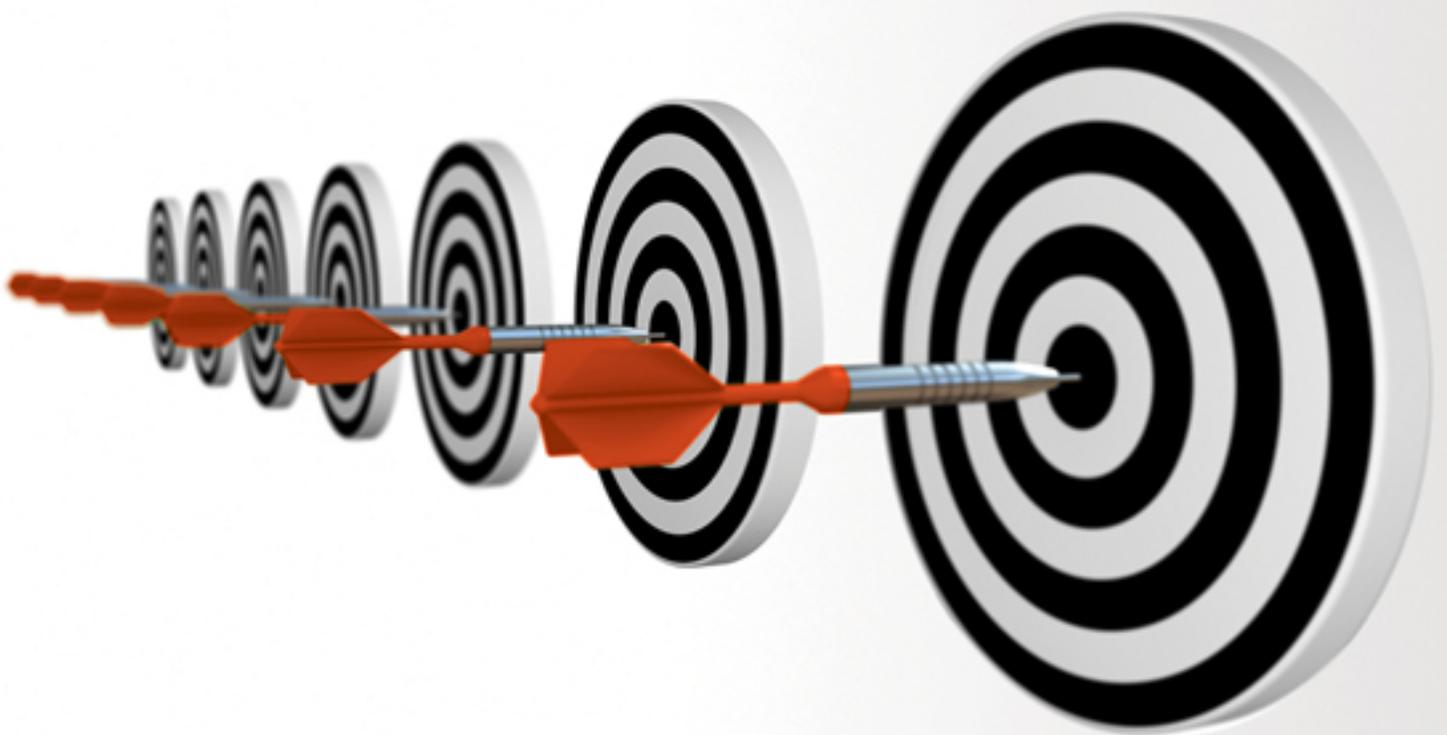


Lean Six Sigma

Master Black Belt Certification

Designed to help Black Belts graduate
to a Master Black Belt role.



benchmark **6**ix sigma
Inspiring Minds, Facilitating Excellence

All About Master Black Belt

Development of Master Black Belts

Six Sigma leadership is central to implementation success. Instead of a half hearted unplanned effort, Six Sigma deployment should be a well thought out strategy. Master Black Belts being teachers, mentors and guides need to know much more than advanced statistical techniques. This program is designed to help Black Belts graduate to a Master Black Belt role.

Methodology

Training methodology includes Lectures, Q/A sessions, Small Group Discussions, Review Sessions, Exercises, Tests, Hands-on practical problems, Case Study, Demonstration, Simulation, Role Playing, Teaching Others, Guided Practice with Feedback, Brainstorming, Problem Solving and Article Discussions.

Pre-requisites

This five-day program is meant only for participants with Black Belt Credentials.

Certification Requirements

Master Black Belt training certificate shall be awarded on completion of first point below while MBB certification can be achieved by candidates who provide evidence for all of the following criteria.

- Complete the prescribed curriculum and get 70% or more in examination
- Complete 2 Black Belt level six sigma projects (or) Mentor 5 Green Belt / Black Belt level Six Sigma projects.
- Conduct at least 80 hrs of Six Sigma training.
- Attend a structured training on Lean Thinking, Concepts and Tools. (Although it is recommended that participations go through Lean program before MBB training, it can be undertaken after MBB training as well)

Why Choose Benchmark Six Sigma ?

- Most experienced and respected trainers and consultants.
- More than 10,000 Belts trained.
- Highest recognition and respect across sectors.
- Updated programs with latest inputs.
- Unique training and facilitation methodology with Multisensory impact.
- Complete Range of programs up to Master Black Belt Training.
- Regular programs in eight cities.
- Programs since 2001 with the best trainer retention.
- Unique after training support through very active web based forum and group activities.
- Online project completion support and certification at no additional cost.
- Trainers have cross-industry implementation and leadership experience.
- Unparalleled Industry networking and recognition.
- Recruitment & job support for companies and individuals.

Master Black Belt Roles

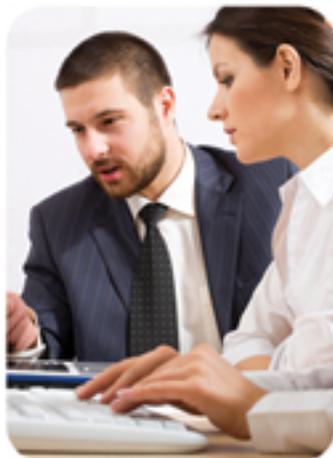
Trainer



Master Black Belts teach the entire organization about methodology, approach, and correct usage of techniques.

Guide

Green Belts and Black Belts need guidance in their Six Sigma journey. Senior Management needs inputs on how Six Sigma meets strategic objectives.



Project Leader



MBBs need to lead large or complex projects themselves.

Deployment Champions

MBBs help create Six Sigma infrastructure within the company and provide recommendations for curriculum, certification criteria, belts structure, integration of Lean & Six Sigma with each other and with other approaches.



Benchmark Six Sigma Master Black Belt Elements



“ Master Black Belt Program

The Science & Art of

Training and Mentoring Belts

Leading and Guiding Projects

Planning and Executing Six Sigma Program

”

Free Feature

Benchmark Six Sigma Learn & Share

- View Case studies from 41 industries.
 - Study applications in 13 functions and interest areas.
 - Share papers & articles.
 - Participates in discussions.
 - Enhance and showcase your benchmarks.
- Visit www.benchmarksixsigma.com

Overview

- Six Sigma key elements - Six Sigma elements where Black Belts and Green Belts commonly falter or need help.
- Theory of Constraints, Business Process Reengineering.
- Advanced concepts in Sampling, MSA, Multi-Vari analysis, RTY calculations.

Leadership and Change

- Change Management Essentials.
- How to manage multiple projects.
- Creating and managing project dashboards.
- Using software for Six Sigma project management.

Teaching, Facilitation Skills

- Key elements in Facilitation.
- Practice sessions on facilitating discussions.

Advanced DMAIC Tools

- When to change alpha and beta risk values.
- Advance inputs for Regression methods.
- DOE - Response Surface Methodology, Nested Design, Mixed Designs.
- Distribution fitting - Various types of distributions and applicability to specific situations.
- Control Charts - Special Charts

DFSS Tools

- Taguchi methodology - Static and Dynamic Designs.
- Quality Function Deployment with exercise.
- TRIZ (Theory of Inventive Problem Solving) Concepts. Tools & practice exercises.
- TRIZ application workshop.

Simulation Techniques

- Selecting the predictors and decision variables.
- Running and analyzing simulations.
- Optimization techniques.
- Using Forecasting Models.
- Practice exercises using software for Simulation & Forecasting.

Integrating Lean and Six Sigma

- Integrating Lean with Six Sigma.
- Integrating Lean Six Sigma with other approaches.

Avoiding Common Pitfalls

Our Six Sigma programs are not just about learning DMAIC methodology. Importantly, they are about learning scientific decision making techniques which are extremely useful even if you are not doing a six sigma project.



Want to see Six Sigma success stories in a specific industry or function?

Visit Our Website

www.benchmarksixsigma.com

About Benchmark Six Sigma

Founded in 2001, Benchmark Six Sigma leads the change management workshops in India, Benchmark utilizes a wide variety of management techniques that have evolved over centuries to help client organizations and professionals address challenges and chart extra-ordinary growth paths.

Benchmark workshops have evolved as Industry best offerings in two formats. In the public workshops format, we offer globally recognized programs with content and methodology that can be used in practically any domain. In the customized in-company workshops format, Benchmark is known for its ability to design and deliver highly valuable programs with demonstrated applicability. Our in-company workshops are offered with or without consulting support.

While Benchmark has already initiated conduct of workshops in certain other parts of the world, years 2011 and 2012 are earmarked for initiation of Benchmark programs in continents across the globe.

Benchmark has industry experience across 41 industry sectors.

Benchmark Six Sigma
Job Portal

• Explore jobs and gain competitive edge.

• Recruit people for your Six Sigma team at no cost. Get short listing support at nominal fee.

Public Training Locations



CORPORATE OFFICE
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