

# "THE GOAL IS RESULTS!"

## KEY LEARNING OUTCOMES

On completion of this course participants will be able to:

- Understand what Lean Six Sigma is, DMAIC methodology and key organizational roles
- Identify the most significant input variables affecting the output of a process
- Apply basic statistical analysis to determine the relationship between key inputs and process outputs
- Filter and narrow down the list of possible variables that may be negatively affecting the output of a process
- Effectively participate in the identification of a problem solution
- Help implement systems to ensure improvements are maintained in the long-term

## Lean Six Sigma Yellow Belt Training

Yellow Belts are individuals that typically work on a multitude of tasks in a Six Sigma Support role. They actively participate in projects by assisting with data collection, problem solving tasks, tool application and reporting functions. But most importantly, Yellow Belts extend the reach of Six Sigma inside an organization.

Successful Six Sigma deployments have one thing in common - widespread support from all levels of the organization. But with shrinking budgets and geographically dispersed work forces, many companies are struggling to find the time, money and instructors to train employees in basic Lean and Six Sigma concepts. BMGI's programme is a quick and effective way to deliver detailed LSS training to a critical mass of employees without creating additional demands on your instructors and project leaders.

### Course Description

BMGI's LSS Yellow Belt Program delivers a thorough introduction to all team members to the basic vernacular functions and activities they will experience when working on Six Sigma projects in the organization. The Training provides Yellow Belts with the education they need to interact with Green Belts and Black Belts and to assist with project work as needed.

The material provides a comprehensive overview of Six Sigma concepts, the DMAIC methodology and analytical tools. With a world-class curriculum developed by BMGI Master Black Belts, students are sure to have a learning experience that is nothing less than BREAKTHROUGH.

## Agenda

Five-day Yellow Belt training would cover the following topics:



- Lean Six Sigma Overview
- Project Definition
- Introduction to Basic Statistics
- Introduction to Minitab
- Process Mapping / Process Maps
- 8 Types of Wastes
- Data Collection
- Systems Analysis
- Graphical Methods
- Fishbone Diagrams
- Cause & Effect Matrix (C&E)
- Failure Mode Effects Analysis (FMEA)
- Graphical Analysis
- 5S
- Visual Management
- Introduction to Hypothesis Testing
- Generating Solution Ideas
- Prioritising Solution Ideas
- Introduction to Design of Experiments (DOE)
- Introduction to Control Methods
- Introduction to Statistical Process Control (SPC)
- Control (Variable SPC)
- Project Closure

## AT A GLANCE

**Course Length:**  
5 days

**Who Should Attend:**  
Team member of Six Sigma project teams

**Course Includes:**  
Comprehensive course material

## About BMGI?

Breakthrough Management Group International (BMGI), a global consulting firm, partners organizations to transform their business performance with a strong focus on delivering results. Today, BMGI is recognized as the world leader in harnessing the power of cutting edge techniques in the area of **Innovation, Strategy, Problem Solving** and **Business Transformation** for achieving tangible business results.

Headquartered in the US, BMGI has developed a loyal clientele across the globe. BMGI has partnered with organizations in various stages of their business life cycles and has delivered cumulative benefits of several billion dollars to its clients with an **ROI of 5:1 to 20:1**. In India, BMGI is located in Mumbai.

## Why BMGI?

BMGI has provided training to thousands of professionals across diverse sectors, empowering esteemed corporations in India and around the globe. BMGI's Green Belt certification sets the standard for excellence in professional development, trusted by top-tier companies worldwide to drive innovation and operational success.



**Solve Problems**

**Deliver Results**

**Be a Leader**



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Unlocking Potential Delivering Results