

COURSE DESIGNED BY TRANSMORPHE MANAGEMENT CONSULTANTS  
**TAFBE LEAN SIX SIGMA TRAINING PROGRAMS**

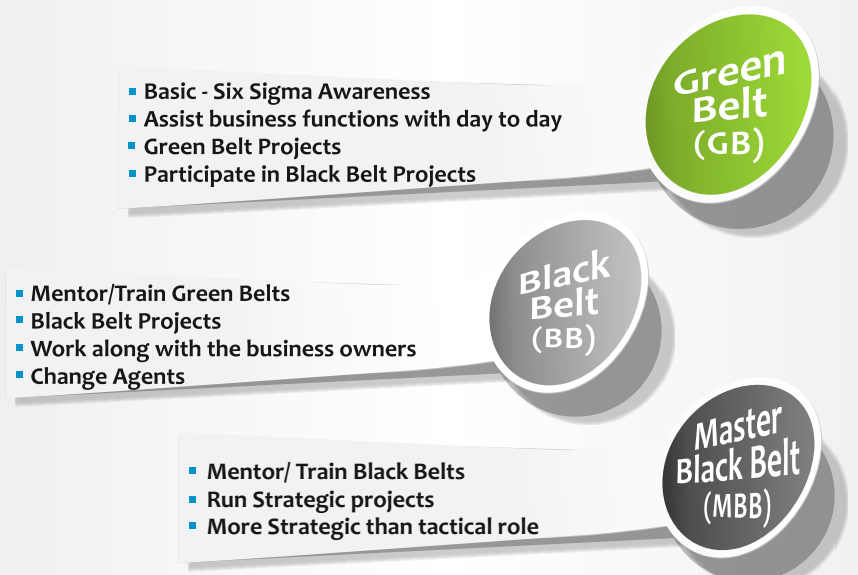
**1** Course Title - TAFBE 001  
 Lean Six Sigma Green Belt for Sales & Marketing Professionals  
**Course Objectives**  
 The course trains Sales & Marketing Professionals with tools and techniques to improve Sales and marketing processes that can result in quantum improvements in accomplishing revenue targets and profitability.  
 Duration & Fees - 6 days - Rs 18000

**2** Course Title - TAFBE 002  
 Lean Six Sigma Green Belt for services organizations & institutions  
**Course Objectives**  
 The course helps Customer support and all types of service provider staff to reduce defects in delivery and customer support processes and accomplish quantum improvements. The program is suitable for ITES companies, Banks, Telecom, Health Care, Transport, Public Utility, Project Management, Education and any other services organizations  
 Duration & Fees - 6 days - Rs 18000

**3** Course Title - TAFBE 003  
 Lean Six sigma Green Belt for Manufacturing  
**Course Objectives**  
 This program helps employees of small and mid-sized manufacturers as well as larger manufacturers to learn and implement Six Sigma in their respective departments and accomplish reduction of defects, wastage and errors.  
 Duration & Fees - 6 days - Rs 18000

**4** Course Title - TAFBE 004  
 Lean Six sigma Black Belt Training  
**Course Objectives**  
 This program is applicable to all employees of manufacturing or services organizations who wish to lead a team of employees to achieve quantum improvements in their organizations in all the functional areas of their organization.  
 Duration & Fees - 12 days - Rs 30000

Special Discount offered on the above programs for students pursuing Science Engineering and Management course.  
 Bulk Registration Discounts offered for Corporate training to a batch of 5 or more employees from the same organizations



**TAFBE FACULTY**

The asset Transmorphé brings to this project is our people. We have a multi-disciplinary team of professionals with extensive experience in Six Sigma and Quality Management Systems domain.

**INTENDED WORKSHOP OUTCOMES**

After participating in our TAFBE Lean Six Sigma workshops participants can expect the following outcomes:

- By applying the Six Sigma insights, principles and techniques learnt during the workshop the team can exceed the past performance levels and create new standards of performance
- The workshop acts as a catalyst and helps establish a high level of employee engagement to the corporate/business goals
- The cross functional synergy that is critical to the team's performance can be achieved through this workshop.
- The key stake holders and the executive team can use the workshop platform to launch their goals and bring about an alignment with the aspirations of the team.
- Teams will experience total freedom of expression and high energy levels due to clarity of vision
- Teams can expect smooth communication and enhanced ability to solve problems.

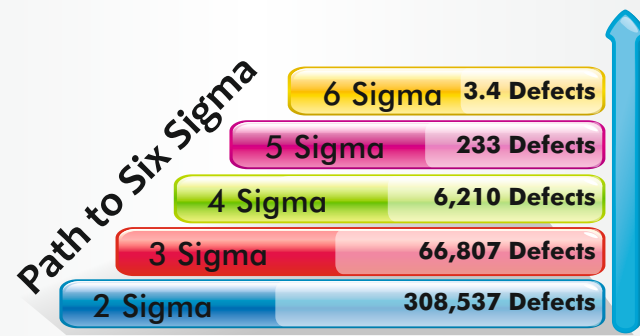


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**6σ**  
**TAFBE**  
 LEAN SIX SIGMA TRAINING PROGRAMS

*Learn Breakthrough Strategies & Tools  
 for Quantum Business Improvements.....*



**Sigma levels and Defects per million opportunities (DPMO)**

### What is Lean Six Sigma?

Lean Six Sigma brings together two management philosophies: Six Sigma, which aims to continuously improve a business process to eliminate error, and lean management, which aims to cut wasted use of resources. Where the strategy works, it can lower costs, increase the levels of useful output, and positively change a company's operational culture.

Lean, known best from its use at Toyota, is the reduction of waste in any process to maximize profit and reduce costs.

### Why Lean Six Sigma?

Most Organizational improvement initiatives typically focus on small, incremental improvements. The Six Sigma methodology is a business philosophy that incorporates proven statistical and problem solving techniques focusing on the reduction of variation, cycle time, and waste to significantly improve quality, cost, and time performance to achieve a quantum leap improvement. The central idea behind Six Sigma is that if you can measure how many "defects" you have in a process, you can systematically figure out how to eliminate them and get as close to "zero defects" as possible.

As a strategy, Six Sigma is a way to achieve performance breakthroughs. It applies to every function in an organization, not just those on the factory floor. That means Marketing, Finance, Product Development, Business Services, Engineering and all the other functions in businesses are included.

### Evolution of Quality



## TAFBE Six Sigma Green Belt Training

"Green Belts" terms created by Motorola and the Six Sigma Academy, are those individuals trained to support and assist the Black Belts in Six Sigma implementation and process improvement projects. Green Belts require sufficient training to understand selected elements of Define, Measure, Analyse, Improve and Control.

TAFBE Six Sigma Green Belt Training consists of selected topics chosen from our Black Belt Training program. These selected topics are covered in a one-week training program. Training topics include:

- Overview of Six Sigma
- Overview of Lean Management
- Understanding the need for change
- Change methodology
- Overcoming resistance to change
- Cost of Poor Quality
- Project Selection
- Problem Statement
- Project Charter
- Understanding Data
- Types of Data
- Scales of Measure
- Data Planning & Collecting
- Sampling
- Measurement Errors
- Attribute Gauge R&R
- Variable Gauge R&R
- Problem solving tools
- Cause and effect analysis
- Pareto Analysis
- Failure Mode and Effect Analysis
- Statistical tools
- Visual Data
- Correlation of Data
- Statistical Process Control

### Benefits of Utilizing Green Belts

Greater awareness of Six Sigma deployment, methodology and tools .Greater assistance for Black Belts leading to more improvement projects resulting in increased corporate savings. Provides proficiency to address and tackle smaller "Green Belt" projects.

### Training Program Availability

TAFBE Six Sigma Green Belt Training Program accommodates up to 20 participants and is conducted as an open registration program. This program can also be conducted on site with a minimum of 10 participants.

## TAFBE Six Sigma Black Belt Program

"Black Belts" a term created by Motorola, are on-site Six Sigma implementation specialists, agents of change, fully responsible for driving business results through the application of Six Sigma tools and techniques. Black Belts require specialized training to gain a thorough understanding of Six Sigma philosophy, methods and quality management tools and techniques.

TAFBE Six Sigma Black Belt training consists of a comprehensive four-phase program. These training phases are conducted in five phases:

- 1 Define & Measure
- 2 Analyze
- 3 Improve
- 4 Control

This Phase covers the Six Sigma improvement concepts. Major learning topics and discussions include the need for change, project selection and assessment, project management, process mapping, measurement, system analysis, process capability analysis and basic statistics.

During this phase, the improvement teams concentrate on the tools and methods used to analyze data collected during the measure phase and appropriate problem solving tools.

The focus of the third phase is Improve. Topics of discussion include Design of Experiments, Lean Management and Design for Six Sigma principles.

During this phase, teams concentrate on the various aspects of Control to ensure that the project improvements are realized and sustained. Learning topics include mistake -proofing, statistical process control, project closure, project standardization, improvement visibility and course review

### Benefits Of Utilizing Black Belts

Commonly reported claims resulting from the efforts of dedicated Six Sigma Black Belts include:

- Average project savings between Rs. 25lakhs to Rs. 1 crore
- Annual company savings between Rs. 2.5crores to Rs. 5 Crore per Black Belt.
- Conservative ROI from 5:1 up to 30:1