

## SIX SIGMA Green Belt Training (5Days) + 4 days Project

### Workshop Content

This workshop enables participants to become the primary members in a project team to achieve Six Sigma levels of quality using a Breakthrough Strategy and methodology to address key product/service improvement opportunities

### Who Should Attend

Individuals who will participate in a Six Sigma, quality, or process improvement team; those who will champion and support Six Sigma projects.

### Prerequisites

None

### Workshop Materials

Workshop manual.

### Workshop Goals

Gain fundamental knowledge of Six Sigma Breakthrough Strategy and tools in order to assist Black Belts in project implementation.

### Workshop Outline

- Introduction and Vision of Six Sigma
- Computer (Statistical Analysis) Basics
- Basic Statistics
- Graphical Methods
- Process Mapping
- Process FMEA
- Central Limit Theorem
- Capability Analysis
- Measurement System Analysis
- Statistical Process Control
- Confidence Intervals
- Hypothesis Testing
- One-way ANOVA
- Multi-Vari Studies
- Lean Manufacturing
- Mistake Proofing
- DOE Overview
- Randomized Blocks
- 2k and Full Factorial DOE
- Stimulation Exercise