

## Lean Six Sigma Green Belt

#### **Course Contents : Lean Six Sigma Green Belt Define Phase**

- 1. Understanding Six Sigma
- 2. Six Sigma Fundamentals
- 3. Selecting Projects
- 4. Elements of Waste
- 5. Wrap Up and Action Items

#### **Measure Phase**

- 1. Welcome to Measure
- 2. Process Discovery
- 3. Six Sigma Statistics
- 4. Measurement System Analysis
- 5. Process Capability
- 6. Wrap Up and Action Items

## **Analyze Phase**

- 1. Welcome to Analyze
- 2. "X" Sifting
- 3. Inferential Statistics
- 4. Introduction to Hypothesis Testing
- 5. Hypothesis Testing Normal Data Part One and Part Two
- 6. Hypothesis Testing Non-Normal Data Part One and Part Two
- 7. Wrap Up and Action Items

## **Improve Phase**

- 1. Welcome to Improve
- 2. Process Modeling Regression
- 3. Advanced Process Modeling
- 4. Designing Experiments
- 5. Wrap Up and Action Items

# **Control Phase**

- 1. Welcome to Control
- 2. Advanced Experiments
- 3. Capability Analysis
- 4. Lean Controls
- 5. Defect Controls
- 6. Statistical Process Control (SPC)
- 7. Six Sigma Control Plans
- 8. Wrap Up and Action Items