



Lean Six Sigma Yellow Belt



Course Description:

- Six Sigma skills are widely sought by employers both nationally and internationally. These skills have been proven to help improve business processes and performance. This course will cover the Define phase and introduce you to the Measure phase of the DMAIC (Define, Measure, Analyze, Improve, and Control) process.
- This course provides an overall insight into the techniques of Six Sigma, its metrics, and basic improvement methodologies. Students will learn how to integrate Six Sigma methodologies for the improvement of production and transactional systems, in order to better meet customer expectations and bottom-line objectives of their organization.

Target Group:

- This course is recommended for all those in an organisation who want to get a management overview of the concepts, tools and methodologies of Lean and Six Sigma.
- This course is suitable for senior managers, department managers, line managers, internal consultants, change agents, project managers and team leaders who will be responsible for directing, managing and reviewing the performance of projects.

Course Goals:

The Course covers the following topics:

- Introduction to Six Sigma
- Six Sigma Implementation Fundamentals
- Recognizing Opportunity with Six Sigma
- Data-Driven Management
- Choosing the Right Projects
- Tracking Six Sigma Project Results

Course Contents:

1. Define Phase

- 1.1 The Basics of Six Sigma
- 1.2 The Fundamentals of Six Sigma
- 1.3 Selecting Lean Six Sigma Projects
- 1.4 The Lean Enterprise

2. Measure Phase

- 2.1 Process Definition
- 2.2 Six Sigma Statistics
- 2.3 Measurement System Analysis
- 2.4 Process Capability

3. Control Phase

- 3.1 Lean Controls
- 3.2 Six Sigma Control Plans

