MERCURY

Six Sigma Yellow Belt



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Introduction

A process-improvement system called Lean Six Sigma speeds up work, boosts productivity, and lowers or eliminates variance. In the corporate sector, customer competition is escalating, endangering business earnings. Also, as the flow of information grows and the running expenses within businesses rise, consumer expectations are changing quickly. It is more important than ever to achieve process excellence. The Yellow Belt program emphasizes the need of implementing Lean Six Sigma for the ongoing development of a number of sectors. The course covers the fundamental ideas of Lean Six Sigma and is intended for those who are new to it.

Course Objectives

- Recognize the fundamental ideas of Six Sigma Yellow Belt.
- Recognize the importance of Six Sigma to a company.
- Recognize the Six Sigma Yellow Belt tools and methods used to enhance efficiency, customer satisfaction, and processes.

Targeted Groups

- Those who are dedicated to process improvement
- Anyone interested in learning more about the Six Sigma technique
- Those who want to work in the field of process improvement

Course Cotent

Unit 1: Introduction to Six Sigma

Overview of Six Sigma Concepts and History
Importance of Quality in Organizations

Unit 2: Define Phase

Project Selection and Charter
Defining the Problem Statement

Unit 3: Measure Phase

Basics of Data Collection
Introduction to Measurement System Analysis MSA

Unit 4: Analyze Phase

Root Cause Analysis
Data Analysis and Visualization

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Unit 5: Improve Phase

Introduction to Lean Principles
Identifying Improvement Opportunities

Unit 6: Control Phase

Implementing Solutions and Controls
Monitoring and Sustaining Improvements