



भारतीय प्रबंध संस्थान कोषिककोड

Indian Institute of Management Kozhikode

Globalizing Indian Thought



Operational Excellence Through Lean Six Sigma

August 5 - 8, 2024 | IIMK



Course Overview

Lean Six Sigma is a business and operations management strategy with widespread applications in many industry sectors. These concepts have helped companies to remain competitive, innovative, and profitable. "Lean" implementation reduces non-value-adding activities and wastes from processes, reducing costs and cycle time, thereby improving customer satisfaction. Six Sigma drives customer satisfaction through standardized high-quality by reducing variations and decreasing defects.

This Programme will introduce the concepts of "Lean" and "Six Sigma" to executives or organizations interested in waste reduction, quality, and process improvement. Modules will help implement an integrated "Lean Six Sigma" approach focused on realizing return on investment and bottom line impact. Lean and Six Sigma concepts, principles, methodologies, and tools will be discussed through an integrated approach. Manufacturing and non-manufacturing firms just starting or contemplating a Lean Six Sigma initiative will find this Programme valuable. Various case studies have been selected and included to aid in illustrating the application of these principles to diverse and global businesses. Lean Six Sigma can be used to foster improved performance and ensure continued customer satisfaction and loyalty.



Objectives

- Introduce participants to the concepts of "Lean" and "Six Sigma" and the need for an integrated approach
- Introduce participants to the Lean Six Sigma methodology
- Provide information on how to select, conduct, and implement Lean Six Sigma projects
- Introduce participants to the tools and techniques of Lean Six Sigma.
- Demonstration and applications of tools through examples and case studies
- Develop a plan for starting your organization's Lean Six Sigma journey

Content:

- Six Sigma and Lean Philosophies and Principles
- Integrating Lean and Six Sigma
- Project selection for Lean Six Sigma
- Lean Six Sigma methodology
- Tools and Techniques of Lean Six Sigma
- Demonstrating methodology through examples and case studies
- Ensuring the success of a Lean Six Sigma initiative



Participants Profile:

Managers or Executives responsible for production, quality, maintenance, procurement, research and development, marketing, and service, etc. The participants should have studied some statistics courses in the past or at least be interested in learning statistics and data analysis.

Pedagogy:

The teaching methodologies include appropriate lectures, numerical examples, case studies, group activities, and presentations.

Facilitator:



Prof. G. Thangamani
Indian Institute of Management Kozhikode,
Kerala

Programme Fee:

Rs. . 64000 (Residential),
Rs. 54000 (Non-Residential) + GST @ 18%





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