



OmniLearn

2025

Lean Six Sigma yellow belt Curriculum



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Our Company

- ❖ **Global Excellence**

Leading digital career enhancement across the globe.

- ❖ **Rigorous Training**

Dive into our programs for comprehensive and customised training, personalised project support and career counselling.

- ❖ **Empowering Millions**

Transforming lives with practical knowledge for professional success.

- ❖ **Globally Recognized Expertise**

Join us for industry-recognized excellence in the digital era.

Instructor Profile

AMOL S. PANDIT , FOUNDER AND CEO



- Conducted over 5000 training sessions, driving measurable improvements in operational efficiency and team performance.
- Consulted for Fortune 500 companies and world-class academic institutions, fostering innovation and growth.
- Developed and implemented customized training curriculums, focusing on practical applications and organizational objectives.

Course Description

The Lean Six Sigma Yellow Belt course provides a foundational understanding of Lean and Six Sigma methodologies. Participants will learn the core principles of Lean management, explore Six Sigma roles and responsibilities, and gain insight into key tools like the 5S+1 implementation, Pareto analysis, and basic Six Sigma metrics. The course emphasizes process improvement techniques, the identification of waste, and the use of data-driven decision-making. By the end of the course, learners will be equipped with the skills to contribute effectively to Six Sigma projects and support process optimization initiatives within an organization.

Key Points Learned

- Understanding the meanings and history of Lean and Six Sigma, and their role in continuous improvement.
- Learning Lean principles, types of waste, and the 5S+1 implementation for process optimization.
- Exploring Lean tools such as Poka-Yoke, Standardized Work, Kaizen, JIT, and Kanban for effective process management.
- Understanding the Define phase, including defining processes, voice of the customer, and critical quality characteristics.
- Introduction to basic Six Sigma metrics, Pareto analysis, and project selection and evaluation techniques.

Course Curriculum

- **Introduction**
 - Meanings of Lean and Six Sigma
 - History of Six Sigma & Continuous Improvement
- **Lean Management**
 - Lean Principles and Major Types of Wastes
 - 5S+1 Implementation
 - Lean Tools (Poka-Yoke, Standardized Work, Kaizen, JIT & Kanban)

Course Curriculum

- **Define Phase**

- Defining a Process
- Voice of the Customer, Business, and Employee
- Six Sigma Roles & Responsibilities
- Critical to Quality Characteristics (CTQs)
- Cost of Poor Quality (COPQ)
- Pareto Analysis (80:20 Rule)
- Basic Six Sigma Metrics (DPU, DPMO, FTY, RTY, Cycle Time)
- Project Selection and Evaluation

Career Benefits

- Gain foundational knowledge of Lean Six Sigma principles to improve processes and eliminate waste.
- Learn to support and contribute to continuous improvement projects within teams.
- Develop problem-solving skills using basic Six Sigma tools and techniques.
- Enhance your ability to analyze processes and identify opportunities for efficiency and quality improvements.
- Boost career opportunities by earning a recognized certification valued in process-driven industries.


Omnilearn Advantage

Unlocked

- Tailored course material to suit the learner's experience and knowledge level.
- Real-world projects to apply concepts and enhance learning.
- Access to downloadable resources for future reference.
- Practice exams that mimic real test conditions to boost exam readiness.
- Industry-recognized certificate awarded upon program completion.
- Round-the-clock support for all learner inquiries.
- Year-long access to recorded lessons for review and learning at your convenience.

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