

KIAP Lean 4.0 Practitioner Program

Shaping tomorrow's leaders through hands-on Lean learning

Why Lean

The world is moving faster than ever. Enterprises must respond quickly, deliver superior quality, and stay flexible while remaining cost competitive. **Lean Thinking** enables organisations to adapt and deliver greater value in this demanding environment. Lean is more than a philosophy; it is a way of life built on the principle of **Doing More with Less**. It focuses on the optimal use of resources, with measurable impact on productivity, quality, cost, delivery, safety, and morale (PQDSCM).

About the Program

KIAP's Lean 4.0 Practitioner Certification is rooted in the Kaizen approach to Lean, pioneered by Toyota, with a strong focus on **Learning by Doing**. The program is designed for learners at all levels, including engineers, graduates, MBAs, line leaders, and process engineers. Over six days, participants explore Lean tools and techniques and apply them to diagnose and solve real organizational challenges under the guidance of KIAP's experienced Lean experts.

The program is open to all. It enables participants to develop strong problem-solving skills through Lean principles and contribute greater value to their roles within the organization.

Students who complete the program gain enhanced credentials that strengthen their placement opportunities. Organizations that sponsor participants or conduct the program in-house achieve operational improvements across key performance areas.

Program Highlights

- Learn time-tested Lean principles integrated with today's digital tools
- 3 fortnightly spaced modules, blending classroom learning with practical application
- Participants work on an improvement project for one significant business process and present it at the end of the program
- Guided by National Productivity Council (NPC) and Quality Council of India (QCI) certified Lean facilitators

Program Modules - Lean 4.0 Practitioner

Module 1 – Lean Foundation, Assessment, and Diagnosis

- The Lean Paradigm - Customer Orientation
- Understanding Value and Waste: 3M (MUDA,MURA,MURI)
- Diagnostic Tools: VSM & Work-flow Diagram
- Lean Metrics: OEE, Resource Utilisation
- Lean 4.0
- Drawing up a Lean Roadmap

Module 2 – Lean Tools to achieve Operational Excellence

- Flow: Process & Layout Design
- De-bottlenecking - Cycle Time Reduction
- Quick Changeover
- Problem Solving Techniques: Why Why Analysis, 7 QC tools
- Synchronising the Value Stream using Pull systems
- 5S: Seiri, Seiton, Seiso

Module 3 – Building Blocks of Sustenance

- Kaizen
- 5S: Seiketsu & Shitsuke
- Standardisation: SOP & Work Instruction
- Analysing Routine Work and Ancillary Tasks
- Introduction to Six Sigma
- Test
- Project Presentation & Evaluation by Panel

Certification

Participants who score at least 65% in both the test and project assessment will be certified as **Lean 4.0 Practitioner** by KIAP.

Program Fees

₹25,000 + GST

The fee covers training materials and personalized project guidance from KIAP experts.

Prepare to Become Lean Practitioners

For registration and further details, please contact:

Email: kashyap@kiap.in

Phone: +91 9920120684