Lean Digital Supply Chains and Intelligent Process Automation

COURSE OVERVIEW

This is an advanced course that focuses on eliminating waste, improving process efficiency, and leveraging intelligent automation tools such as robotic process automation (RPA), AI-driven workflows, and advanced analytics to create agile, responsive, and cost-effective supply chain operations. This course prepares participants to lead the evolution of supply chains by combining lean efficiency with the power of digital automation and intelligent technologies. Participants will be equipped with the knowledge and practical skills to transform traditional supply chains through lean principles, digital technologies, and automation.

WHO SHOULD ATTEND?

This course is ideal for supply chain managers, operations leaders, process improvement specialists, digital transformation consultants, and automation engineers who aim to modernize supply chain processes. It is also suitable for professionals in logistics, procurement, IT, and business analysis seeking to apply lean thinking and intelligent automation in their organizations.

COURSE OUTCOMES

Delegates will gain the skills and knowledge to:

- Comprehend and explain the principles of lean supply chain management and digital transformation.
- Identify and eliminate inefficiencies and waste in supply chain processes.
- Implement intelligent process automation tools like RPA and AI in supply chain workflows.
- Design and optimize digitally enabled, lean supply chain networks.
- Use data analytics to monitor supply chain performance and drive continuous improvement.
- Lead cross-functional teams in digital supply chain projects.
- Align automation initiatives with strategic business goals for maximum impact.

KEY COURSE HIGHLIGHTS

At the end of the course, you will understand;

- Core concepts of lean management and digital supply chain integration.
- Technologies driving intelligent process automation in supply chains.
- Techniques for process mapping, waste reduction, and value stream analysis.
- Hands-on applications of robotic process automation and AI-driven tools.
- Case studies showcasing successful lean digital supply chain transformations.
- Metrics and KPIs for assessing lean and automation outcomes.
- Strategies for managing change and fostering innovation in supply chain teams.
- Sustainable practices and future trends in digital supply chain technology.

All our courses are dual-certificate courses. At the end of the training, the delegates will receive two certificates.
1. A GTC end-of-course certificate
2. Continuing Professional Development (CPD) Certificate of completion with earned credits awarded