

Smart Warehousing and Logistics Operations in Manufacturing

COURSE OVERVIEW

This course explores the integration of advanced technologies and data-driven strategies to optimize storage, inventory and supply chain performance. The course emphasizes efficiency improvement, cost reduction and agility enhancement through smart systems and connected operations, preparing participants to lead digital transformation initiatives within their organizations. Participants will gain insight into how automation, robotics, IoT, AI and real time data analytics are transforming warehouse management and logistics processes in modern manufacturing environments.

WHO SHOULD ATTEND?

This course is designed for manufacturing professionals involved in supply chain, logistics, warehouse management, operations and process optimization. It is particularly beneficial for plant managers, operations engineers, logistics coordinators, inventory analysts and digital transformation specialists seeking to leverage smart technologies for improved operational performance and strategic decision making.

COURSE OUTCOMES

Delegates will gain the skills and knowledge to:

- Understand the principles and technologies underpinning smart warehousing and logistics.
- Apply automation and digital tools to improve warehouse and logistics operations.
- Utilize data analytics and IoT for real-time inventory and supply chain visibility.
- Develop strategies to enhance productivity, safety, and sustainability in manufacturing logistics.
- Lead and implement digital transformation projects within manufacturing operations.
- Optimize supply chain performance using AI-driven insights and predictive analytics.

KEY COURSE HIGHLIGHTS

At the end of the course, you will understand;

- Overview of Industry 4.0 applications in warehousing and logistics.
- Frameworks for integrating AI, robotics, and digital twins into logistics operations.
- Case studies on smart factory logistics and real-world automation success stories.
- Hands-on sessions on data analytics, IoT dashboards, and warehouse optimization tools.
- Best practices for sustainable and efficient supply chain management.

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