

€ TRAINING

Logistics and Transport Management





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Introduction:

This training program is designed to equip participants with the essential knowledge and skills to excel in the fields of logistics and transportation management. It empowers them to effectively manage logistics operations and optimize transport systems to enhance overall efficiency and performance.

Program Objectives:

At the end of this program, participants will be able to:

- Understand the fundamental principles of logistics and transport management.
- Develop and implement effective transportation and distribution strategies.
- Optimize warehousing operations and inventory management.
- Utilize technology to enhance logistics and transport efficiency.
- Apply best practices for managing logistics and transport operations.
- Address challenges and develop solutions in logistics and transport management.

Targeted Audience:

- Logistics managers and coordinators.
- Transportation managers and planners.
- Supply chain professionals.
- Warehouse managers.
- Operations managers.
- Individuals seeking careers in logistics and transport management.

Program Outline:

Unit 1:

Fundamentals of Logistics and Transport Management:

- Introduction to logistics and supply chain management.

- Key concepts and principles of transportation management.
- Role of logistics in the global economy.
- Overview of transport modes and their characteristics.
- Case studies on successful logistics and transport operations.

Unit 2:

Transportation Planning and Strategy:

- Transportation network design and optimization.
- Developing transportation strategies and plans.
- Fleet management and route planning.
- Cost analysis and budgeting for transport operations.
- Regulatory compliance and legal considerations in transportation.

Unit 3:

Warehousing and Inventory Management:

- Principles of warehousing and storage management.
- Warehouse layout and design for efficiency.
- Inventory management techniques and strategies.
- Technologies for warehouse management WMS.
- Safety and security measures in warehousing.

Unit 4:

Distribution and Logistics Operations:

- Distribution network design and management.
- Last-mile delivery challenges and solutions.
- Order fulfillment and customer service in logistics.
- Performance metrics and KPIs for logistics operations.
- Lean logistics practices for efficiency and cost reduction.

Unit 5:

Technology in Logistics and Transport:

- Role of technology in modern logistics and transportation.
- Transportation Management Systems TMS and their benefits.
- Use of IoT and telematics in transportation management.
- Automation and robotics in logistics.
- Future trends and innovations in logistics and transport technology.