

SCM: Procurement, MRP & Logistics

Learn to plan, procure and manage supply chains, from sourcing and MRP to logistics and performance measurement.

24 Hours

DURATION

13

MODULES

38

TOPICS

COURSE OVERVIEW

This course covers the foundations of supply chain management, including strategy, planning and demand forecasting. It examines procurement and sourcing, production management, inventory control with Material Requirement Planning, and logistics and distribution. It then addresses supply chain technology, performance measurement, risk management and sustainability, before closing with future trends and real-world case studies.

WHO THIS COURSE IS FOR

Supply Chain Managers

Procurement Officers

Logistics Coordinators

Inventory Planners

Production Managers

Operations Analysts

LEARNING OBJECTIVES

- Explain key concepts and terminology of supply chain management
- Describe methods for demand forecasting and supply chain planning
- Apply sourcing strategies and supplier negotiation techniques
- Plan production schedules using lean and just-in-time principles
- Apply Material Requirement Planning to inventory optimisation
- Compare transportation, warehousing and order fulfilment approaches
- Assess the role of ERP systems and digital technologies in SCM
- Evaluate supply chain risks and sustainability practices

13 Modules, 38 Topics

01

Introduction to Supply Chain Management

TOPICS

What is Supply Chain Management? · Importance and Benefits of SCM · Key Concepts and Terminology

02

Supply Chain Strategy and Planning

TOPICS

Understanding Supply Chain Strategies · Aligning Supply Chain with Business Goals · Demand Forecasting and Planning

03

Procurement and Sourcing

TOPICS

Introduction to Procurement · Sourcing Strategies and Supplier Management · Negotiation and Contract Management

04

Production

TOPICS

Overview of Production Management · Production Planning and Scheduling · Lean Manufacturing and Just-in-Time (JIT) · Quality Control and Continuous Improvement

05

Inventory Management

TOPICS

Inventory Types and Classifications · Inventory Management Techniques · Material Requirement Planning (MRP) · Inventory Optimization Strategies

06

Logistics and Distribution

TOPICS

Transportation Management · Warehousing and Storage · Order Fulfillment and Distribution Strategies

07

Supply Chain Technology and Digitalization

TOPICS

- Role of Technology in SCM
- Overview of ERP Systems (e.g., SAP, Oracle)
- Introduction to Digital Supply Chain and Industry 4.0

08

Performance Measurement and KPIs

TOPICS

- Key Performance Indicators (KPIs) in SCM
- Metrics for Monitoring and Evaluation
- Continuous Improvement in Supply Chain Processes

09

Risk Management in Supply Chain

TOPICS

Identifying and Analyzing Risks · Risk Mitigation Strategies · Crisis Management and Resilience Building

10

Sustainability in Supply Chain

TOPICS

Importance of Sustainability in SCM · Sustainable Sourcing and Procurement · Green Logistics and Circular Supply Chains

11

Future Trends in Supply Chain Management

TOPICS

Emerging Trends and Innovations · Impact of AI and Machine Learning on SCM · Preparing for the Future of Supply Chains

12

Case Studies and Real-world Applications

TOPICS

- Case Study Discussions
- Practical Applications in Different Industries

13

Conclusion and Wrap-Up

TOPICS

Review and Key Takeaways

WHAT IS INCLUDED

Everything You Need to Succeed

- Koenig course material for every module
- Delivery by certified instructors and subject matter experts
- Hands-on exercises throughout the course
- Course completion certificate from Koenig

ABOUT KOENIG

Who We Are

Established in 1993, Koenig Solutions is a globally recognised training provider with 35+ technology partnerships, 5,000+ training programmes and a network of certified instructors and subject matter experts, supporting individuals and enterprise teams worldwide.

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