


18BP102 SUPPLY CHAIN MANAGEMENT

UNIT-I

Introduction, Definitions, Components of supply chain, Elements and Flow of Supply chain, Strategy, importance of supply chain visibility, coordination, and collaboration

UNIT-II

Importance of supply chain visibility, coordination, and collaboration, executing supply chain trade-offs in balancing supply with demand, Understanding and executing supply chain decisions.

UNIT-III

Types of inventory, their costs, and their relationships to inventory decision, Economic Order Quantity approach to inventory decision, solving problems using the model

UNIT-IV

Classification of inventory, Principle of Postponement and its supporting inventory concepts. Characterize demand Management and the Sales & Operations Process balancing supply and demand in uncertainty, Role of supply chain design in firm's success, forecasting methods

UNIT-V

role of transportation in Supply Chain, characteristics of primary transportation modes, carrier selection and evaluation, cost metrics to analyze transportation performance and sourcing