

SUPPLY CHAIN MANAGEMENT

18ME653

OPEN ELECTIVE
CIE MARKS : 40
SSE MARKS : 60
ELIGIBLE BRANCH :
CE/ECE/CSE/ISE



WHY SUPPLY CHAIN MANAGEMENT ?

THE SUCCESS OF A BUSINESS IS LINKED TO THE EFFICIENCY OF ITS SUPPLY CHAIN. A BUSINESS WITH A WELL-MANAGED SUPPLY CHAIN MAY SIGNIFICANTLY REDUCE ALL OF THE OPERATING EXPENSES CONNECTED TO THAT CHAIN, WHICH CONTRIBUTES TO A GREATER PROFIT.

SUPPLY CHAIN MANAGEMENT WORKS BY COORDINATING PROCUREMENT, SUPPLIERS, MANUFACTURING FACILITIES, RETAILERS, DISTRIBUTORS AND CUSTOMERS AS THEY MOVE TOGETHER THROUGH THE PRODUCTION, SALES AND BUYING CYCLES. THE SUPPLY CHAIN REQUIRES ACTIVE MANAGEMENT BECAUSE IT IS AFFECTED BY MANY FACTORS OUTSIDE THE CONTROL OF THE BUSINESS, SUCH AS GAS PRICES AND ENVIRONMENTAL CONDITIONS. WHEN A COMPANY IS ACUTELY AWARE OF THOSE FACTORS, IT CAN MANAGE THROUGH THEM MORE EFFECTIVELY. WITH EFFECTIVE SCM, INVENTORY, PRODUCTION, DISTRIBUTION, SALES AND VENDOR INVENTORY ARE ALL TIGHTLY CONTROLLED.

HOW DOES SUPPLY CHAIN MANAGEMENT WORK?

SUPPLY CHAIN MANAGEMENT WORKS BY COORDINATING PROCUREMENT, SUPPLIERS, MANUFACTURING FACILITIES, RETAILERS, DISTRIBUTORS AND CUSTOMERS AS THEY MOVE TOGETHER THROUGH THE PRODUCTION, SALES AND BUYING CYCLES. THE SUPPLY CHAIN REQUIRES ACTIVE MANAGEMENT BECAUSE IT IS AFFECTED BY MANY FACTORS OUTSIDE THE CONTROL OF THE BUSINESS, SUCH AS GAS PRICES AND ENVIRONMENTAL CONDITIONS. WHEN A COMPANY IS ACUTELY AWARE OF THOSE FACTORS, IT CAN MANAGE THROUGH THEM MORE EFFECTIVELY. WITH EFFECTIVE SCM, INVENTORY, PRODUCTION, DISTRIBUTION, SALES AND VENDOR INVENTORY ARE ALL TIGHTLY CONTROLLED.

SCM MEANS MANAGING COSTS AT EVERY STEP AND DELIVERING GOODS TO CONSUMERS AS QUICKLY AS POSSIBLE.

MODULES



- 1 SUPPLY CHAIN – FUNDAMENTALS
- 2 STRATEGIC SOURCING OUTSOURCING
- 3 WAREHOUSE MANAGEMENT & SUPPLY CHAIN NETWORK DISTRIBUTION
- 4 SUPPLY CHAIN NETWORK OPTIMIZATION MODELS.
- 5 SUPPLY CHAIN INTEGRATION

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WHAT ARE THE BENEFITS OF SUPPLY CHAIN MANAGEMENT?

- SCM LOWERS THE COST OF DOING BUSINESS.
- SCM SUPPORTS THE STRATEGIC PLAN.
- SCM HELPS THE BUSINESS BALANCE THE SUPPLY OF PRODUCTS WITH MARKET DEMAND.
- SCM ALLOWS FOR MORE EFFICIENT AND EFFECTIVE CUSTOMER SERVICE.



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CAREERS

- SCM APPLICATION DEVELOPER
- SC.MANAGER, SC.ANALYST
- SC.LEAD, ORDER MANAGER, SC.CONSULTANT