

BS (4 Years) for Affiliated Colleges



Code	Subject Title	Cr. Hrs	Semester
COMM-411	Operation & Production Management	3	VIII
Year	Discipline		
4	Commerce		

Aims and Objectives	This course is an extension to the subject of management. It is a compulsory subject at the terminal level of the B.Com Honors Program. It is aimed to study the systems and the processes that produce goods and/or provide services in manufacturing concerns.
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Introduction:

- Definition of Operations management.
- Nature and scope of Operations management.
- Types of Operations.
- Operations function.
- Primary functions of Operations management
- Traits of a Good Operations Manager
- Importance of Operations management
- Interaction of Operations with other functional areas of business.

Scientific Management:

- Evolution of Scientific Management.
- Time Theory by Frederick Winslow Taylor.
- Limitations of the Time Theory.
- Motion Study by Frank Bunker Gilberth
- Implementation of Scientific Management by Henry Ford.

Administration vs. Management

Business

- Defining business.
 - Business model and profitability.
 - Objectives of Business:
 - Profit and Profit Only
 - Service and Service Only
 - Profits through Service
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Capital Formation:

- Sources of Finance:
 - Merits and Demerits of Owner's equity
 - Merits and Demerits of Debt equity
 - Anticipation, Acquisition and Allocation of Funds.

Business Feasibility Study:

- Introduction
- Importance of Business Feasibility Study
- Dimensions of Business Viability
- Outline of Business Feasibility Study

Location, Planning and Analysis:

- Objectivity of Location
- Factors influencing the Location
- Best possible choice of plant location
- Professional decision-making through weighted index

Process Selection

- Process Types
- Product and Service Processes

Plant Layout

- Importance of Plant Layout:
- Kinds of Layout
- Process Layout
- Product Layout
- Selection of Best Layout

Purchase Policy

- Importance of Purchasing
- Duties of Purchaser
- Purchasing Interfaces
- The Purchasing Cycle

Functions Of Purchasing Department

- Purchasing Function
- Purchasing Policy

Planning and Controlling Production

- Routing
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- Scheduling
- Inventory Control
- Follow up

Role of Forman

- Features
- Technical Contribution
- Human Relations
- Organizational Contribution

Product and Service Design

- Features of a product
- Reasons for Product or Service Design
- Development of Design

Standardization

Kinds of Standards

- Industrial Standards
- Consumer Standards

Merits & De-Merits of Standardization

- To the Manufacturer
- To the Wholesalers
- To the Consumers

Simplification

- Meaning
- Steps in Simplification
- Progress by Manufacturer
- Objective of Simplification

Quality Control And Inspection

- Meaning
 - Dimensions of Quality
 - Quality Control
 - Inspection
 - Development of Inspection Program
 - Types of Inspection
 - On site Inspection
 - Centralized Inspection
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Prescribed Book	<p>“Operations Management” By, William J. Stevenson 9th edition(Text)</p> <p>“ “Production Operations Management” By, Neuclyus J. Acklonano(ref book) Management of Industrial Enterprise”</p> <p>By N. Owen(ref book)</p>
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