

**Uka Tarsadia University**



**B.B.A.**

**Production Management (030030502)**

**5<sup>th</sup> Semester**

**Effective from July-2013**

# Uka Tarsadia University

## Production Management (030030502)

### BBA (Sem.-5) Syllabus, effective from July -2013

**Course Objective and Outcome:** To familiarize and acquaint the students with the major aspects and importance of production management.

**Total Hours: 52**

**[4 hrs. per week]**

#### Unit-1 Introduction to Production Management

**[Weightage 25%]**

- 1.1. Nature of Production
- 1.2. Production and Operations Management Decision and their Applications
- 1.3. Production Management and Operations Management
- 1.4. Scope of Production and Operation Management
- 1.5. Characteristics of Production and Operation Management
- 1.6. Difference between Services and Product- Examples of Services and Organizations
- 1.7. Role of Production Manager

#### Unit-2 Plant Layout

**[Weightage 25%]**

- 2.1. Meaning, Definition and Scope
- 2.2. Objectives of Good Lay Out
- 2.3. Factor Influencing Layout
- 2.4. Principles of Layout
- 2.5. Types of Layout- Meaning, Advantages and Disadvantages of Process, Product and Fixed Position
- 2.6. Importance of Layout
- 2.7. Revision of Layout
- 2.8. Reasons for Revision of Layout

#### Unit-3 Materials Handling System

**[Weightage 25%]**

- 3.1. Meaning, Definition and Scope of Material Handling System
- 3.2. Importance and Objective of Material Handling System
- 3.3. Principles of Material Handling System
- 3.4. Material Handling Cost
- 3.5. Factors Affecting the Selection of Material Handling Equipment
- 3.6. Types of Material Handling Equipment

## Unit-4 Inventory Control

[Weightage 25%]

- 4.1. Meaning and Definition
- 4.2. Objectives of Inventories
- 4.3. Inventory Costs
- 4.4. Inventory Management and Control- Meaning and Factor Influencing
- 4.5. Benefits of Inventory Management and Control
- 4.6. Inventory Control Techniques- ABC Analysis, HML Classification, VED Classification, SDE Classification, FSN Analysis, EOQ, Max-Minimum System, Two Bin System, Material Requirement Planning and Just-In-Time

### Text Book:

1. K.Aswathappa and K.Shridhara Bhat, “Production and Operation Management”, Himalaya Publishing House Pvt. Ltd.

### Reference Books:

2. Kanishka Bedi, “Production and Operation Management”, OXFORD University Press.
3. Russell & Taylor, “Operations Management”, John Wiley & Sons, Inc.