IV SEMESTER   **B.B.A**   Time: 7 HRS/ WEEK
BBA 4301 (4)   **OPERATIONS MANAGEMENT**   MARKS: 100
w.e.f. 2016 – 2019 ('16AD' Batch)   **SYLLABUS**

OBJECTIVES: To enable the students understand the process of production – to be aware of techniques of operations management.

MODULE - I: AN OVERVIEW OF PRODUCTION MANAGEMENT

Production – Production system – Productivity – Production Management – Nature and scope, functions and objectives – Production functions – Relationship of production with other functional areas-Role of production manager. (Case Study)

MODULE - II: PRODUCTION PLANNING AND CONTROL

Production planning – Objectives of production planning – Elements of production planning – Benefits of production planning – Production control – Significance, Objectives – Functions of production planning and control – Routing , scheduling, Dispatching (meaning and definition) stages in PPC –Gantt- PPC in Mass, batch and job order manufacturing. (Case Study)

MODULE - III: PLANT LAYOUT AND LOCATION

Plant location – meaning, definition – Importance of location – Plant location problems- Plant layout – objectives, functions of layout planning – Principles of Plant layout – Types of plant layout - features of a good plant layout – factors affecting plant layout and location. Material Handling Principles. (Case Study)

MODULE - IV: QUALITY CONTROL

Quality control – Nature and scope of quality control – Need for quality control – Quality assurance – Importance of quality management in an Industry – Total Quality Management. (Case Study)

MODULE - V: PRODUCTIVITY AND MATERIAL HANDLING

Factors affecting productivity job design - process Flow Charts - Material management –Cost Associated With Inventory – Economic Order Quantity –ABC Analysis – Materials Requirement Planning. (Case Study)

REFERENCES:

1. Production management – C.B Gupta
2. Production management – C.S.V Murthy, Himalaya publishing house.
3. Production and operations management – N.G Nair, Tata MC Graw Hill Publishers.

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