

# ADIKAVI NANNAYA UNIVERSITY

## RAJAMAHENDRAVARAM

### CBCS / Semester System

(From 2015-16 Admitted Batch)

B.B.A.

### III Semester Syllabus

#### **OPERATIONS MANAGEMENT**

Unit-I: Operations management - meaning, definitions, scope and objectives- interaction of operations management with other areas - manufacturing and non manufacturing operations and their characteristics.

Unit-II: Facilities planning - plant location - factors determining plant location - plant layout— process layout and product layout - materials handling – MRP - Principle equipments.

Unit-III: Capacity planning - estimation of capital requirements - maintenance management— types of maintenance -work study - time and method study - work measurement, meaning, scope and importance.

Unit-IV: Operations planning and control - Objectives of Operations planning— planning procedure - Operations planning categories.

Unit-V: Operations control - Meaning,Importance and objectives - Techniques of operations control.

#### **References:**

1. Russell, Roberta S, and Bernard W.Taylor, Operations Management, Pearson Education, New Delhi 2004.
2. Chase :Operations Management for Competitive Advantage, Tata McGraw Hill, New Delhi.
3. Buffa, E.S., 'Modern Production Management', New York, John Wiley, 1987.
4. Adam, E.E. and Ebert, R.J., 'Production and Operations Management' Prentice Hall of India, New Delhi 1995.
5. Chary, S .N., Production and Operations Management', Tata McGraw Hill, New Delhi 1989