

GUJARAT UNIVERSITY
K.S.SCHOOL OF BUSINESS MANAGEMENT
[Five Years (Full Time) M.B.A. Integrated Degree Course]
FOURTH Year M.B.A. (SEM-VIII)
KS_M_485
PRODUCTION AND OPERATIONS MANAGEMENT

3 credit course

Objective – Organizations who are engaged in manufacturing activities seek competitive advantage through production function. Because of vast potential, production function is gaining increased prominence among other functional areas of management. The objective of this course is to make the students of business management get detail understanding about various dimensions of production and operations management.

Module – I [20%]

- Introduction to Production and Operations management
- Demand forecasting
- Process selection and design
- Capacity design and planning

Module – II [20%]

- Facility location
- Facility layout
- Work study and Method study

Module – III [20%]

- Production planning and control
- Resource requirements planning

Module – IV [20%]

- Materials planning and control
- Maintenance management

Module – V [20%]

- Project management
- Globalization and operations
- Contemporary issues

No of lectures in semester: 40 – 45 Hours (approximately)

Assignment: Minimum 3 Assignments

Reference Books:

- Production and Operation Management by K. Ashwathappa & K. Sridhara Bhat (HPH)
- Production and Operations Management by Upendra Kachru (Excel)
- Operation Management by Robert Russell & Bernard Taylor (Pearson)
- Production and Operation Management by Mahudevan (Pearson)
- Production and Operation Management by Adam & Elebert (PHI)
- Production and Operation Management by Kanishka Bedi (Oxford)