

VEER NARMAD SOUTH GUJARAT UNIVERSITY, SURAT
PRODUCTION PLANNING AND CONTROL

Objectives :

This course is meant to familiarize the students with various techniques useful for production planning and control.

Contents :

Introduction to PPC , Basic Approaches to aggregate production scheduling , quantitative approaches to Aggregate Planning , Evaluation of Decision system and Rules for aggregate planning , Aggregate Production Inventory Policies ,Materials Requirement Planning , Batch planning and shop Loading , Safety stock policies , Mass production Flow line design system , Order delivery and Production control ,Job scheduling – Flow Shop , Job shop scheduling .

World Class Manufacturing environment ,Imperatives for success in Technology ,System approach in change in mind set ,Strategic decisions in manufacturing management ,Technology principles advocated by Eliyahn Goldfratt.

Reference:

1. Burbidge , John L Principles of Production Control . London , Donald and Evans , latest edition
2. Caubang Ted C , Readings on Production Planning and Control . Geneva ILO
3. Greene , James H , Production and Inventory control Handbook , New York ,McGraw Hill , latest edition .