

**SD COLLEGE HOSHIARPUR**  
**DEPARTMENT OF MANAGEMENT**  
**LECTURE PLAN FOR THE SESSION 2021-22**

Class	<b>BBA(SEMESTER- VI)</b>
Subject name and code	BBA 322: PRODUCTIONS AND OPERATIONS MANAGEMENT
Max. Marks and duration of exam.	100 (Theory:80, Internal Assessment:20) and 3 hours
Duration of lecture	45 minutes per day
No. of lectures delivered per week	6 lectures
Submitted by	Saurabh Thakur, Department of Management

**Course Objective:** This course aims to impart knowledge regarding production and operation management tools, techniques and processes and familiarize students how to take managerial decisions with respect to production function.

**UNIT-I**

<b>Topics</b>	<b>Content</b>	<b>Specific objectives</b>	<b>Methods and Techniques</b>	<b>Resource and links</b>
<b>Introduction to Production and Operations Management</b>	Concepts, Functions, Scope, Types of Production System.	This course aims to impart knowledge regarding production and operation management tools, techniques and processes and familiarize students how to take managerial decisions with respect to production function.	Class room teaching with example  PowerPoint Presentations  Case studies Google class	1. Krajewski&Ritzman, Operations Management Pearson 2. Buffa&Sarin, Modern Production/Operations Management, John Wiley. 3. Muhleman, Production and Operations Management, Pearson Education. 4. B. Mahadevan, Operations Management, Theory and Practical, Pearson Education. 5. Kachru, Upender, Production and Operation Management, Excel

				Books.  6. Chary, S.N and Paneerselvam R., Production and Operations Management, McGraw Hill Ed
<b>Product Design and Development</b>	Product Design and its Characteristics, Product Development Process, Product Development Techniques.			<b>INTERNET WEBSITES</b> <a href="http://www.slideshare.in">www.slideshare.in</a> <a href="http://www.scribd.com">www.scribd.com</a> <a href="http://www.managementparadise.com">www.managementparadise.com</a>
<b>Facility Location and Layout</b>	Facility Location – Importance, Factors in Location Analysis, Location Analysis Techniques, Facility Layout – Objectives, Advantages, Basic Types of Layouts			
<b>Production Planning &amp; Control (PPC)</b>	Concepts, Objectives, Steps Work Study - Productivity; Method Study; Work Measurement.			

## Unit -II

Topics	Content	Specific objectives	Methods and Techniques	Resource and links
<b>Production Techniques</b>	Introduction to modern productivity techniques-Just in Time, Kanban system, Total Quality Management and Six Sigma.Make or Buy decisions	This course aims to impart knowledge regarding production and operation management tools, techniques and processes and familiarize students how to take managerial decisions with respect to production function.	Class room teaching with example  PowerPoint Presentations  Case studies Google class	
<b>Inventory Control and Management</b>	Purchase Management - Objectives; Functions; Methods; Procedure Stores Management - Types of Stores; Functions; Coding Methods Inventory Management - Concepts; Classification; Objectives; Factors Affecting Inventory Control Policy; Inventory Costs; Inventory Control tools and techniques			
<b>Quality</b>	Maintenance			

<b>Management</b>	Management - Concepts; Objectives; Functions; Types of Maintenance TQM, Quality Specification, Design Meaning and objectives of Statistical Quality Control.			
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## QUESTION BANK

### SHORT QUESTIONS

1. What are functions of POM?
2. What are types of production systems?
3. Define product design?
4. What are objectives of six sigma?
5. Define purchase management.
6. What is meant by maintenance management?
7. What are objectives of TQM?
8. Explain about inventory control policy?

### LONG QUESTIONS

1. What do you mean by product development techniques?
2. What do you mean by work measurement?
3. Explain location analysis techniques?
4. Explain in detail about Six Sigma?
5. Define and explain product development process?
6. What is purchase management?
7. What are objectives and types of maintenance management?
8. What is EOQ?