



**Anand Law College**  
(An Autonomous Institute, Under UGC Regulation 2023)  
Managed by Shri Ramkrishna Seva Mandal  
SRKSM Campus, Near Electric Grid, Anand, Gujarat  
(Affiliated to S. P. University & Approved by BCI, New Delhi)  
NAAC Accredited, 'B++' Grade, CGPA 2.97 - 1<sup>st</sup> Cycle



Name of the Course: B.B.A. LL.B.	Type of Course: 5 Years Integrated
Year : 1 <sup>st</sup> Year	Semester : 2 <sup>nd</sup> Semester
Subject Code : UG02CBBA2	Subject: Production and Operations Management
W.E.F: 2025-26	Teaching Hours: 72

**Teaching & Examination Scheme:**

Credit	Lect	Lab	Tut	Internal Marks		External Marks	Passing Marks	Passing Marks	Total Marks
				T & P	CE	T & P	Internal	External	Int+Ext
4	4	-	1	20	20	60	16/40	24/60	40/100

Lect = Lecture, Tut= Tutorial, Lab= Lab, T- Theory, P= Practical, Theory and Practical Passing%: 40

<b>Course Objectives:</b>	<ol style="list-style-type: none"><li>1. To understand the concept and role of the Production / Operations management function in the functioning of an organization. <b>(L-2 Understand)</b></li><li>2. To explore the principles and practices of work design along with production planning and control, focusing on effective resource utilization, process optimization, and productivity improvement. <b>(L-3 Apply)</b></li><li>3. To develop a comprehensive understanding of materials management and its role in effective industrial purchasing and planning. <b>(L-2 Understand)</b></li><li>4. To equip students with knowledge and skills in storekeeping and inventory control in a business setting. <b>(L-3 Apply)</b></li></ol>
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**Course Outcome (CO):**

Upon completion of the course, student shall be able to

CO-1	Analyze and apply key concepts in operations management, to enhance business efficiency and competitiveness.
CO-2	Design and measure work processes, develop production plans, and control operations to enhance efficiency and effectiveness within production environments.



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CO-3	Apply materials management strategies, classify materials effectively, plan material requirements, and implement efficient purchasing practices to support organizational goals.
CO-4	Manage store operations, maintain accurate inventory records, and apply inventory control techniques to minimize costs and improve stock availability.

**DETAILED SYLLABUS:**

Unit	Description	Credits / Hours
<b>1</b>	<b>Introduction</b>	(4) 18 Hours
1.1	Meaning of Operation Management	
1.2	Scope and Importance of Operations Management	
1.3	Responsibility and role of Production/Operations Managers in Modern business environment	
1.4	Production Process: Meaning and Significance	
1.5	Types of Production – Job, Lot, Batch and Mass Production	
1.6	Plant Location & Plant Building: Meaning	
1.7	Factors affecting plant location and plant layout	
1.8	Facilities Layout: Meaning & Factors	
1.9	Types-Process , Product and Fixed	
	<b>Practical Approach:</b> <ul style="list-style-type: none"><li>Have students visit a small local production facility Afterward, they have to prepare a report for the same.</li><li>Industrial Visit</li></ul>	
<b>2</b>	<b>Work Design &amp; Supply Chain Management</b>	(4) 18 Hours
2.1	Methods Study and Time Study (work measurement)	
2.1.1	Meaning, Objectives	



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2.1.2	Process of Methods Study and Time Study	
2.2	Operations/Production Planning and Control	
2.2.1	Meaning & Objectives	
2.2.2	Procedure	
2.3	Basics of Supply chain management	
2.3.1	Concepts	
2.3.2	Importance	
	<b>Practical Approach:</b> <ul style="list-style-type: none"> <li>• <b>Group discussion</b> where students discuss the pros and cons of using time study techniques in different industries, such as manufacturing versus service industries.</li> </ul>	
<b>3.</b>	<b>Material Management &amp; Industrial Purchasing</b>	(4) 18 Hours
3.1	Materials Management	
3.1.1	Definition and Importance	
3.1.2	Integrated Materials Management – Concept, Need and Advantages	
3.1.3	Classification of Materials	
3.2	Industrial Purchasing	
3.2.1	Meaning and Importance	
3.2.2	Purchase Procedure	
3.2.3	Principles of Right purchasing	
3.2.4	Functions of purchase department	
3.2.5	Centralized vs. Decentralized purchasing	
	<b>Practical Approach:</b> <ul style="list-style-type: none"> <li>• Case Study- Students analyze a case study of a company that implemented an integrated materials management system.</li> <li>• Students are required to create a comparative analysis of</li> </ul>	



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	centralized and decentralized purchasing systems, listing pros and cons for each based on an industry of their choice.	
<b>4.</b>	<b>Storekeeping &amp; Quality Control</b>	(4) 18 Hours
4.1	Meaning, Objectives and Importance	
4.2	Role of a Storekeeper	
4.3	Inventory Control: Meaning and Objectives	
4.4	EOQ Technique	
4.5	ABC Analysis	
4.6	Quality Control: Meaning and Types	
4.7	Six Sigma Management Techniques	
	<b>Practical Approach:</b> <ul style="list-style-type: none"><li>• Role-play-Where students act as store managers explaining the importance of storekeeping to the operations team, highlighting how it affects cost control, safety, and productivity.</li></ul>	

### Suggested References:

#### References

- Production and Operation Management - K. Aswathappa and K. Shridhara Bhat, Himalaya Publication House, Mumbai 2010
- Production and Operations Management -Chary S.N., Tata McGraw Hill Publishing Co., Ltd., New Delhi
- Production Management- S.A. Chunawalla and D.R.Patel, Himalaya Publication House, Mumbai 2009
- Production and Operation Management - Kanishka Bedi, Oxford University Press Latest Edition



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❖ **Online References:**

- <https://www.jsscacs.edu.in/sites/default/files/Department%20Files/DOC-20231019-WA0000..pdf>
- <https://www.youtube.com/@DwivediSchoolGuidance17>
- Swayam, Edx, Coursera