



**Dr. V. N. Bedekar Institute of Management, Thane**  
**Teaching Plan (MMS)**  
**Academic Year (2018-19)**

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Programme Name: PGDM

Term: I

Name of the subject: Operations Management

Maximum marks: 100

No. of Sessions: 10

Name of the Faculty: Vibhuti Save

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Weblink:

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**Learning Objectives:**

- Understand how operations relates to other business functions
  - Develop a working knowledge of concepts and methods related to designing and managing operations
  - Develop a skill set for quality and process improvement
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**Reference Books:**

1. Operations management with student DVD (SIE) 9th ed. /by Stevenson, William J. – New Delhi: TMH; 2010.
  2. Operations management for competitive advantage, 12th ed. /by Chase, Richard B & Jacobs, RF. - New Delhi: TMH, 2010.
  3. Production and operations management /by Schroeder. - New Delhi: TMH; 2010.
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**Plan:**

Session No	Topics to be covered	Books referred/ Recommended/ References-Print/Articles/ News/Research papers/ Online database/ Software /Simulations used	Learning outcomes	Evaluation of Students understanding by MCQs, Quiz, Short Test
1	Operations as a source of competitive advantage	Chapter 1 & 2 of Operations management for competitive advantage, 12th ed. /by Chase, Richard B & Jacobs, RF. - New Delhi: TMH, 2010.	Understand the basic concepts and able to Identify value in transformation process	<b>Short Test</b>
2	Difference between Manufacturing and Service Operations Product Process Matrix	Chapter 1 of Operations management for competitive advantage, 12th ed. /by Chase, Richard B & Jacobs, RF. - New Delhi: TMH, 2010.	Understand difference between goods and services	
3	Process Analysis	Chapter 6 of Operations management for competitive advantage, 12th ed. /by Chase, Richard B & Jacobs, RF. - New Delhi: TMH, 2010.	Able to categorize production types as per product	
4	Process Selection and Facility layout: Designing product and process layouts	Chapter 7 & 8 of Operation Management: Theory and Practice By B. Mahadevan	Understand types of layout	
5	Forecasting and its types	Chapter 13 of Operations management for competitive advantage, 12th ed. /by Chase, Richard B & Jacobs, RF. - New Delhi: TMH, 2010.	Understand types of forecasting as per product and service type	
6	Inventory Management – Basic EOQ model	Operations management with student DVD (SIE) 9th ed. /by Stevenson, William J. – New Delhi: TMH; 2010.	Understand how, when, what and how much to order, stock and cost implications	<b>Short Test</b>
7	Continuous and Periodic review Inventory models	Production and operations management /by Schroeder. - New Delhi: TMH; 2010.	Understand how, when, what and how much to order, stock and cost implications	



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8	Supply chain management; Lean vs Agile supply chains	Chapter 11 of Operations Management by Norman Gaither , Greg Frazier	Understand impact of internal and external factors on SC
9	Master Production Schedule and MRP	Operations management with student DVD (SIE) 9th ed. /by Stevenson, William J. – New Delhi: TMH; 2010.	Understand concept of dependency though bill of material
10	Quality management	Chapter 8 of Operations management for competitive advantage, 12th ed. /by Chase, Richard B & Jacobs, RF. - New Delhi: TMH, 2010.	Understand 7 Qc tools when and where to apply

**2. Practical Approach : Other activities (Atleast 4 distinct activities)**

Sr. No.	Activity Name	Topic Coverd	Learning outcomes	Source
1	Role Play			
2	Industry Visit			
3	Academic Projects	Manufacturing processes to be shoot and explain	Understand transformation process in Production	
4	Book Review			
5	Group Discussion	Process planning	What to focus while designing the process to satisfy customer	
6	Business Quiz / Business News sharing			
7	Videos / Simulation	Tetra Pack Case	How world class manufacturing at tetra pack works	<a href="https://www.youtube.com/watch?v=vItaF69SoNI">https://www.youtube.com/watch?v=vItaF69SoNI</a>
8	Use of Softwares and Labs			
9	Any other activity	Production type categorization	Able to understand categorization of production on the basis of Varity and volume	



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**Evaluation:**

**I) Internal:**

<b>Component</b>	<b>Details</b>	<b>Marks</b>
Class Test	MCQ Test	20
Presentation	Video presentation of various manufacturing processes	10
Participation	Group Discussion	5
Others	Assignments	5

**Signature of Faculty**

**Signature of the Co-ordinator**