



Dr. V. N. Bedekar Institute of Management, Thane
Teaching Plan (MMS)
Academic Year (2019-2020)

Programme: MMS Semester: III Period: July'19 – October'19
Course Code: MMS-O308
Name of the subject: Materials Management & Transportation
Maximum marks: 100 (60+40) No. of Sessions: 13/14 (3 hrs each)
Name of the Faculty: Vibhuti Save
Mobile No: 9029066875 Email: vsave@vpmthane.org

Program Outcomes (PO)	Course Outcomes (CO)
<ol style="list-style-type: none">1. Nurture leadership skills, team-membership skills and mutual trust.2. Demonstrate decision-making ability.3. Ability to develop culture of technology-usage.4. Inculcate social sensitivity among students.5. Integrate and apply business knowledge and management techniques for problem-solving / analytical skills.	<ol style="list-style-type: none">1. Design process to deliver materials without damage2. Devise systems to maintain a high inventory turnover, reduce excess storage, and inventory losses.3. Design strategies to develop and maintain good supplier relationships

Reference Books:

1. Materials and Logistics Management By Prof. L.C. Jhamb (Everest Publishing House, Pune).
2. Purchasing and Materials Management By P.Gopalkrishnan (Tata McGraw Hill, New Delhi).
3. Materials Management –An integrated approach By P.Gopalkrishnan and M. Sundaresan (Prentice-Hall India, New Delhi).
4. Materials Management-Procedures, Text and Cases By A.K. Datta (Prentice-Hall India, New (Delhi).
5. Introduction to Materials Management By JR Tony Arnold and Stephan Chapman (Pearson Education, New Delhi) 2004 Fifth Edition.
6. Purchasing and Materials Management By N.K.Nair (Vikas Publishing House, New (Delhi).

A. Plan:

<u>Session No.</u>	<u>Pl. Date</u>	<u>Topic</u>	<u>Ref. Study Material</u>	<u>Course Outcomes</u>
1		Materials Management an overview	1 st chapter of Materials & Logistics Management by Prof. L.C. JHAMB	Introductory <ul style="list-style-type: none">• Functions of materials management• Importance of MM• Cost involved in MM• Inter-departmental relationship
2		Materials Planning	2 nd chapter of Materials & Logistics Management by Prof. L.C. JHAMB	Analyze & Design <ul style="list-style-type: none">• MRP• BOM
3		Purchasing	5 th & 6 th chapter of Materials Management –	Analyze <ul style="list-style-type: none">• Sources of supply

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			Procedures, Text & Cases by A. K. Datta	<ul style="list-style-type: none"> • Vendor development • Price-cost analysis • Legal aspects of purchasing
4		Purchasing & Procurement Activities under Materials Management	<ol style="list-style-type: none"> 1. 7th chapter of Materials Management – Procedures, Text & Cases by A. K. Datta 2. 4th chapter of Materials & Logistics Management by Prof. L.C. JHAMB 	Examine <ul style="list-style-type: none"> • Buyer-supplier relationship • Elements of procurement cycle
5		Purchasing of Capital Equipment	14 th chapter of Materials Management –An integrated approach By P. Gopalkrishnan and M. Sundaresan	<ul style="list-style-type: none"> • Evaluation of bids
6		International procurement-Imports Class Test	13 th chapter of Materials Management-Procedures, Text and Cases By A.K. Datta	Analyze <ul style="list-style-type: none"> • Types of L/Cs. • Bill of Lading and other documents.
7		Classification of Materials	11 th chapter of Materials and Logistics Management By Prof. L.C. Jhamb	Examine: <ul style="list-style-type: none"> • Classification on the basis of stage of conversion process • Classification on the basis of nature of materials. • Classification on the basis of usability of materials. • Types of inventories.
8		Materials receipt & Stores	7 th chapter of Materials and Logistics Management By Prof. L.C. Jhamb	Examining & Evaluating <ul style="list-style-type: none"> • Types of stores • Store location and layout • Storing practices and identification of materials.
9		Codification	12 th chapter of Materials and Logistics Management By Prof. L.C. Jhamb	Designing <ul style="list-style-type: none"> • Systems of codification. • Colour coding
10		Standardization	13 th chapter of Materials and Logistics Management By Prof. L.C. Jhamb	Examining <ul style="list-style-type: none"> • Standardization as a tool for variety reduction
11		Obsolete, Surplus & Scrap Management	25 th chapter of Materials Management –An integrated approach By P.Gopalkrishnan and M. Sundaresan	Design <ul style="list-style-type: none"> • Procedures and documentation for disposal of scrap
12		Stores Accounting & Stock verification Class Test	24 th chapter of Materials Management –An integrated approach By P. Gopalkrishnan and M. Sundaresan	calculating <ul style="list-style-type: none"> • Costing of Receipt of Materials. • Costing of Issues to Production. • Stock verification • Periodic Verification. • Perpetual Verification.
13		Computers in Materials Management	10 th chapter of Materials and Logistics Management By Prof. L.C. Jhamb	Designing <ul style="list-style-type: none"> • Database for Materials Management Systems. • Activities of Materials Management covered by



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				Computerization. <ul style="list-style-type: none"> • Management reports on Materials.
14		Ethics in Material Management	42 nd chapter of Purchasing and Materials Management By P. Gopalkrishnan	Understanding & Examining <ul style="list-style-type: none"> • Business Ethics • Ethics in buying • Problems in Ethics
		Material Transportation	13 th chapter of Introduction to Materials Management By JR Tony Arnold and Stephan Chapman	Analysing <ul style="list-style-type: none"> • Transportation Modes / Attributes • Total cost concept in Material Handling and Transportation

B. Practical Approach: Other activities

Sr. No.	Activity Name	Topic Covered	Learning outcomes	Source
1	Case study (Current Affairs)			
2	Academic Projects	Mini Projects	Practical exposure to the concepts of MM & T	Local organization
3	Group Discussion	Group Discussion on related Cases & Debates	Views on MM & T	
4	Role Play			
5	Industry Visit			
6	Business Quiz / Business News sharing			
7	Videos / Simulation			
8	Use of Software and Labs	Inventory Updating in Excel(V & H Lookup)	Learn about how to extract information from other sheet without copying the data	Excel formulas
9	Any other activity			

C. Innovative pedagogy adopted:

- Experiential Learning



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- As students will have their own observations & suggestion to local organization

Prepared by:
Faculty

Reviewed by:
Specialisation

Approved by:
ADC

Date:

Date:

Date:

A. Execution:

<u>Session No.</u>	<u>Actual Date</u>	<u>Topic Covered</u>	<u>Attendance %</u>	<u>Evaluation Method</u>	<u>Case Study Ref.</u>	<u>Quiz Ref.</u>	<u>CR Sign</u>
1							
2							
3							
4							
5							
6							
7							
8							
9							
10							
11							

B. Evaluation:

Component	Details	Marks
Presentations & Viva	Mandatory	5+5



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Class Test (3 for MMS)	Mandatory (MCQ, Descriptive, Etc)	20
Assignments / Others	Mandatory	5
Participation/Attendance	Mandatory	5
Final Exam	Mandatory	60

C. Student Performance Analysis:

<u>Avg. Attendance</u>	<u>Avg. Internal Marks</u>	<u>% Failed in Internals</u>	<u>Avg. Final Marks</u>	<u>% Failed in Final</u>	<u>No. of best students > 80%</u>	<u>No. of students needs improvement</u>

D. Attainment:

	CO1	CO2	CO3		
PO1					
PO2					
PO3					

Comments / Suggestions / Recommendations:

Suggestions (if any) to students on subject related Certificate/Diploma or Add-on program: -



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Signature of Faculty

Signature of the Co-ordinator / ADC