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| <b>Lecture Plan</b>                                                                                                                                                                                                                                                                                                                                                                                                               |                                                             |                           |
| <b>Name of the college:</b> Government College of Arts, Science & Commerce, Sanquelim, Goa                                                                                                                                                                                                                                                                                                                                        |                                                             |                           |
| <b>Name of Faculty:</b> MS.PRIYANKA THANEKAR                                                                                                                                                                                                                                                                                                                                                                                      | <b>Subject:</b> SUPPLY CHAIN AND LOGISTICS MANAGEMENT (VET) |                           |
| <b>Paper code:</b> CBM323                                                                                                                                                                                                                                                                                                                                                                                                         | <b>Program:</b> T.Y.B.COM                                   | <b>Division:</b>          |
| <b>Academic year:</b> 2026-27                                                                                                                                                                                                                                                                                                                                                                                                     | <b>Semester:</b> V                                          | <b>Total Lectures:</b> 45 |
| <b>Course Objectives:</b><br>1.To enable learners to understand fundamental supply chain management concepts and supply chain processes.<br>2. To enable learners to understand the foundational role of logistics as it relates to inventory management, transportation, warehousing and packaging.<br>3. To enable learners to understand how to align the management of a supply chain with corporate goals and strategies.    |                                                             |                           |
| <b>Expected Course Outcome:</b><br>1.Gain a sound understanding of the important role of supply chain management in today's business environment<br>2. Explain the meaning and importance of all the concepts related to supply chain management<br>3. Describe the usage of information technologies in supply chain management and recognizes its importance                                                                    |                                                             |                           |
| <b>Student Learning Outcome:</b><br>After completion of this course, the learners will be able to:<br>1.Gain a sound understanding of the important role of supply chain management in today's business environment<br>2. Explain the meaning and importance of all the concepts related to supply chain management<br>3. Describe the usage of information technologies in supply chain management and recognizes its importance |                                                             |                           |

| Month                                      | Lecture From | Lecture To | No. of lectures allotted | Topic, Subtopic to be covered                                                                                                                                           | Exercise/ Assignment | ICT Tools                            | Reference books                                                                                                                                                                            |
|--------------------------------------------|--------------|------------|--------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|--------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| June 2026<br><br><br><br><br><br>July 2026 | 19/06/2026   | 20/06/2026 | 15                       | <b>Unit 1: Introduction</b> Concept of Logistics management - Concept,                                                                                                  |                      | Power point presentation/<br>E-board | Agarwal, D. K. (2003). Textbook of Logistics and Supply Chain Management. Macmillan, India.<br><br>. Bhat, K. S. (2017). Logistics and Supply Chain Management. Himalaya Publishing House. |
|                                            | 22/06/2026   | 27/06/2026 |                          | Nature-Importance of Logistics Management, Functions of Logistics Management.                                                                                           |                      |                                      |                                                                                                                                                                                            |
|                                            | 29/06/2026   | 04/07/2026 |                          | Supply Chain Management-Concept and Importance and functions                                                                                                            |                      |                                      |                                                                                                                                                                                            |
|                                            | 06/07/2026   | 11/07/2026 |                          | Process of Supply chain management, Factors influencing Supply chain management                                                                                         |                      |                                      |                                                                                                                                                                                            |
|                                            | 13/07/2026   | 18/07/2026 |                          | Value Chain- concept. Key Drivers in Supply Chain Management<br>Logistics Management v/s Supply Chain Management                                                        |                      |                                      |                                                                                                                                                                                            |
|                                            | 20/07/2026   | 25/07/2026 | 15                       | Logistics Management v/s Supply Chain Management<br><br><b>Unit 2: : Inventory Management &amp; Transportation</b><br>Inventory management – Concept- Inbound logistics |                      | Power point presentation/<br>E-board | Bowersox, D. J., Closs, D. M., Cooper, B., & Bixby, M. (2012). Supply Chain Logistics Management. McGraw Hill Education.                                                                   |
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|----------------|------------|------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|----------------------------------------------------------------------------------------------------|
| August<br>2026 | 27/07/2026 | 01/08/2026 | Inbound logistics, Outbound logistics, Reverse Logistics-meaning. Inventory classification models: Pareto Law, FSN, ABC, EOQ, Stock out cost, Lead time, Reorder level               |  | Ballou, R. H. (2003). Business Logistics/Supply Chain Management (5th ed.). Pearson Prentice Hall. |
|                | 03/08/2026 | 08/08/2026 | Inventory classification models: Inventory Turnover Ratio, JIT, Bills of Material (Concepts). Purchasing- Centralized and Decentralized Purchasing cycle                             |  |                                                                                                    |
|                | 10/08/2026 | 15/08/2026 | Purchasing- Centralized and Decentralized Purchasing cycle- Requisition, Specification, Supplier Selection. Inventory Management and material handling process-                      |  |                                                                                                    |
|                | 17/08/2026 | 22/08/2026 | Inventory Management and material handling process- Mechanised Systems, Semi-automated Systems, Automated Systems. Demand Management and Demand Forecasting – Concept and Importance |  |                                                                                                    |
|                | 24/08/2026 | 29/08/2026 | Types of forecasting, Forecasting techniques- Qualitative and quantitative techniques.                                                                                               |  |                                                                                                    |

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| September<br>2026 | 31/08/2026 | 05/09/2026 | 15 | <b>Unit 3: Transportation, Warehousing and packaging</b><br>Warehousing Management system, Types of warehouses- primary handling activities- receiving, in storage handling and shipping. | Power point presentation/<br>E-board | Ballou, R. H. (2003). Business Logistics/Supply Chain Management (5th ed.). Pearson Prentice Hall.<br><br>. Lu, D. Fundamentals of Supply Chain Management. Retrieved from bookboon.com. |
|                   | 07/09/2026 | 12/09/2026 |    | Safety and Security measures in Warehouse. Transportation- Position of Transportation in Supply Chain,                                                                                    |                                      |                                                                                                                                                                                          |
|                   | 21/09/2026 | 26/09/2026 |    | Modes of Transport, Multi-Mode Transport, Factors affecting choice of Transportation                                                                                                      |                                      |                                                                                                                                                                                          |
|                   | 28/09/2026 | 03/10/2026 |    | Packaging – Concept- Importance of Packaging in Logistics and Supply Chain Management,                                                                                                    |                                      |                                                                                                                                                                                          |
| October<br>2026   | 05/10/2026 | 10/10/2026 |    | Types of packaging- Consumer and Industrial Packaging, Factors affecting packaging. Alternative Packaging- Meaning and reasons for choosing alternative packaging.                        |                                      |                                                                                                                                                                                          |

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|--|------------|------------|--|---------------------------------------------|--|--|--|
|  | 12/10/2026 | 14/10/2026 |  | Reasons for choosing alternative packaging. |  |  |  |
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**\* Assessment Rubrics**

| Component         | Max Marks |
|-------------------|-----------|
| ISA 1             | 7.5       |
| ISA 2             | 7.5       |
| ISA 3             | 7.5       |
| Project           |           |
| Semester End Exam | 60        |