



**GITAM INSTITUTE OF MANAGEMENT (GIM)**  
**Gandhi Institute of Technology and Management (GITAM)**  
**(Declared as Deemed to be University u/s 3 of UGC Act. 1956)**  
**Visakhapatnam – 45.**

<b>Course Code: L19C26</b>	<b>Course Title: Port Terminal Logistics</b>	
<b>Semester: V</b>	<b>Course Type: BBA</b>	<b>Credits:3</b>
<b>Home Programme(s): BBA (Logistics)</b>	<b>Batch /Academic Year: 2020-21</b>	
<b>Course Leader:</b>		

### Course description and learning objectives

#### Learning objectives:

On successful completion of this course, students will be able to:

	<b>Course Outcomes</b>	<b>Assessment</b>
CO1	Understanding fundamentals of Port Terminal logistics and practices.	A1
CO2	Integrating the functional areas to achieve port terminal logistics management objectives.	A1,A2
CO 3	Identify and acquire skills to analyze problems in Port Terminal Logistics management	A2,A3
CO 4	Interpret and apply logistics concepts with Port Terminal operations and skills to achieve the objectives.	A4

### Course outline and indicative content

#### Unit I (number of sessions) (CO1, CO2, L1 & L2)

Difference between Major and Minor Ports - Ports in India - Natural Harbours - New Ports to be developed in India - Major Ports of the World - Largest Port in the world - Port Officials and their roles - Role of Ports - Who are Port users

#### Unit II (number of sessions) (CO2, L2& L3)

Container Terminals - Privatization of Terminals - Reason for Privatization - Major Terminal Operators in India - Terminal Operators of the world - Privatization the need of the hour - Agreement between and existing Port Terminal and the new operator

#### Unit III (number of sessions) (CO2, CO3, L12, L3 & L4)

Import Cycle - Export Cycle - Positions and Places in a Terminal - Facilities in a Terminal - Container Monitoring and stacking - CFS inside a Terminal - Reasons for Congestion of a terminal - de-congesting the terminal - Window system in a terminal

#### Unit IV (number of sessions) (CO3, CO4, L13 & L4)

Major Port Trust Act - Port as a custodian of the cargo - Transit sheds - Cargo receivers - Wharfs and Berths - Various berths in a Port - Meaning of Berth Restrictions - Port equipment's and damage - Extra services - Berth reservation schemes

#### Unit V (number of sessions) (CO3, CO4, L3, L4 & L5)

Port Tariff - Pilots and their duties - Tugs and its usage - Night navigations - Light Dues - Tariff Authorities of Major Port - Revision of rates - Port Trustees - Safety Procedures - Introduction of ISPS - Damage to Port property by ships - Compensation and confiscation of cargo to adjust dues

1. Course Material Prepared by LSC
2. Major Port Trust Act – Government of India
3. Port Industry Statistics, American Association of Port Authorities
4. AP MOLLOR Guide book on Terminal

## 5. DUBAI PORT AUTHORITIES Manual

Assessment methods			
Task	Task type	Task mode	Weightage (%)
A1: Mid exam	Individual	Written	20
A2: Topic Presentation/Case Analysis/ Assignment	Individual /Groups	PPT Presentation/Report	10
A3: Coursera	Individual	Presentations / Q&A/Viva	10
A4: End exam	Individual	Written (short/long)	60

### Mapping COs-Blooms levels- Assessment Tools

Knowledge dimension / Cognitive dimension	L1. Remember	L2. Understand	L3. Apply	L4. Analyze	L5. Evaluate	L6. Create
Factual Knowledge		CO1 (A1)				
Conceptual Knowledge		CO4 (A3)	CO2 (A1, A2)			
Procedural Knowledge		CO3 (A2, A3)	CO5 (A4)			
Meta Cognitive Knowledge						

### Learning and teaching activities

Mixed pedagogy approach is adopted throughout the course. Online / Classroom based face to face teaching, directed study, independent study via G-Learn, case studies, projects and practical activities (individual & group)

### Teaching and learning resources

Soft copies of teaching notes/cases etc. will be uploaded onto the G-learn. Wherever necessary, printouts, handouts etc. will be distributed in the class. Prescribed text book will be provided to all. This course needs different material and cases to master certain relevant concepts and work on assignments / projects..

### Course Material Prepared by LSC

1. Fundamentals of Logistics Management (The Irwin/Mcgraw - Hill Series in Marketing), Douglas Lambert, James R Stock, Lisa M. Ellram, McGraw-hill / Irwin, First Edition, 1998.
- 2.. Vinod V.Sople (2009) Logistic Management (2nd Edn.) Pearson Limited.
3. Kapoor Satish K. and Kansal Purva, Basics of Distribution Management: A Logistics Approach' Prentice hall of India

### CO PO Mapping

This is to map the level of relevance of the Course Outcome (CO) with Programme Outcome (PO).

0= No Relevance; 1= Low Relevance; 2= Medium Relevance; 3= High Relevance

CO PO Mapping	PO1	PO2	PO3	PO4	PO5	PO6	Sum
<b>CO1</b>	3	1	0	1	1	2	<b>8</b>
<b>CO2</b>	2	2	0	1	2	0	<b>7</b>
<b>CO3</b>	2	0	0	2	1	0	<b>5</b>
<b>CO4</b>	3	2	2	1	2	0	<b>10</b>
<b>CO5</b>	2	0	0	2	2	0	<b>6</b>
<b>Target Level Max.</b>	<b>12</b>	<b>5</b>	<b>2</b>	<b>8</b>	<b>8</b>	<b>2</b>	<b>36</b>

#### **BBA (Logistics)-Programme Outcomes (POs) :**

1.	Ability to understand the complexities that companies are facing in today's Port Management and Terminal Logistics management
2.	Ability to recognize key challenges in the management of a Ports and Terminal Operations and make strategic decisions to overcome the challenges.
3.	Ability to understand how to maximize the Terminal services and to select the options that enable to develop Port and Terminal networks that minimize costs and deliver customer service.
4.	Ability to differentiate the advantages and disadvantages of Port Terminal Operations
5.	Ability to understand the basics of logistics & transportation management that enables traders to make business processes more efficient.
6.	Ability to gain requisite knowledge about different techniques, essential for building a transportation management and logistics operations plan of a Port Terminal

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