

GANPAT UNIVERSITY									
FACULTY OF MANAGEMENT STUDIES									
Programme		Master of Business Administration			Branch/Spec.		Entrepreneurship		
Semester		III			Version		1.0.0.0		
Effective from <i>Academic Year</i>			2020-21		Effective for the batch Admitted in				June 2020
Subject code		IIIA07LSC		Subject Name		LOGISTICS AND SUPPLY CHAIN MANAGEMENT			
Teaching scheme					Examination scheme (Marks)				
(Per week)	Lecture(DT)		Practical(Lab.)		Total		CE	SEE	Total
	L	TU	P	TW					
Credit	4	0	0		4	Theory	60	40	100
Hours	4	0	0		4	Practical			
Pre-requisites:									
Learning Outcome:									
This course will help students to:									
IIIA07LSC.CO1: Understand the fundamental concepts, components, and functions of logistics and supply chain management and their strategic interrelationships. IIIA07LSC.CO2: Apply forecasting, inventory, warehousing, and transportation models to design efficient and cost-effective supply chain solutions. IIIA07LSC.CO3: Analyze logistical decisions related to transportation networks, material handling, and packaging for improved operational performance. IIIA07LSC.CO4: Evaluate supply chain performance, customer service strategies, and contemporary global logistics issues using audit and performance metrics.									
Theory syllabus									
Unit	Content								Hr
1	Overview of Logistics & SCM Introduction, Nature & Concepts, Effectiveness, and Components functions of logistics, framework for supply chain solutions, Supply chain relationships. Outsourcing, 3 PLs, 4PLs.								8
2	Elements of L & SCM, Introduction, logistical information system, Introduction Nature & Components ,Forecasting Methods & Process								10
3	Inventory Management Introduction, concept types, functions of inventory in logistics & supply chain Management. Elements of Inventory costs, Just in time system, Quick response system, Warehousing Counts, Types, Functions, costs, Warehousing strategy & design.								15
4	Elements model, selection of transportation model. Transportation network transportation Decision (Pricing, Rate). Unitization Material Handling, Packages functions, costs package design, package Materials Containerization,								8
5	Logistics Administration Basic organizing principles of logistics & SCM, Factors influencing organizational structure, Central Process Performance Measurement Report Logistics audit.								11
6	Customer service Introduction, nature concept, components, customer service costs, Effective customer service strategy. Supply Chain Management in Retail Sector, Contemporary Issues in Global Supply Chain Management								8
Practical content									
Text Books									
1	Supply Chain Management – Janat Shah, Pearson education , 2013								

Reference Books	
1	Business Logistic Management – R.H. Ballou
2	Logistic Management & World Seaborne Trade – K. Muthaiah, Himalaya Publishing House Ltd., 1999
3	Logistics in International Business-- Rajiv Aserkar, Shroff Publication And Distribution Ltd., 2004
4	Supply Chain Management--Sunil Chopra , Printice Hall Publication, 2004
5	Supply Chain Performance Management—S. Jaikrishna,, Icfai Unit Press
6	Logistics &Supply Chain Management-- Raghoramay,, MacMillan India Ltd
7	Logistics Management—Donal J. Bowersok , Tata McGraw Hill Publication, 2000

Note:

Version 1.0.0.0 (First Digit= New syllabus/Revision in Full Syllabus, Second Digit=Revision in Teaching Scheme, Third Digit=Revision in Exam Scheme, Forth Digit= Content Revision) L=Lecture, TU=Tutorial, P= Practical/Lab., TW= Term work, DT= Direct Teaching, Lab.= Laboratory work

CE= Continuous Evaluation, SEE= Semester End Examination

Semester 3: Course Name: IIIA07LSC LOGISTICS AND SUPPLY CHAIN MANAGEMENT							
Course outcomes	PO1	PO2	PO3	PO4	PO5	PO6	PO7
IIIA07LSC.CO1	3	2	1	2	1	1	0
IIIA07LSC.CO2	3	3	2	2	2	2	3
IIIA07LSC.CO3	2	3	3	2	2	3	2
IIIA07LSC.CO4	1	2	3	3	2	3	3

Semester 3: Course Name: IIIA07LSC LOGISTICS AND SUPPLY CHAIN MANAGEMENT			
Name of CO	PSO - 1	PSO - 2	PSO - 3
IIIA07LSC.CO1	3	2	1
IIIA07LSC.CO2	2	3	2
IIIA07LSC.CO3	2	2	3
IIIA07LSC.CO4	1	3	2