

AC –

Item No. –

As Per NEP 2020

**Tolani College of
Commerce
(Autonomous)**



**Title of the Course: Surface Transportation
(Semester II)**

Programme: Bachelor of Commerce (Logistics)

Syllabus for 3 Credit Course from the Academic Year 2025-2026

Name of the Course: Surface Transportation

Sr. No.	Heading	Particulars
1	<p>Description of the course :</p> <p>Including but not limited to :</p>	<p>This is a comprehensive course designed to provide students with a solid foundation in the principles and practices of surface transportation.</p> <p>This course equips participants with the necessary knowledge and skills to excel in the dynamic field of transportation management. Through a blend of theoretical concepts, practical applications, and case studies, students will gain valuable insights into various aspects of surface transportation, including logistics, documentation, safety protocols, and organizational structures.</p>
2	Vertical :	Major
3	Type :	Theory
4	Credit:	3 credits
5	Hours Allotted :	45 Hours
6	Marks Allotted:	75 Marks Continuous Evaluation 30 marks and Semester End Examination 45 marks
7	<p>Course Objectives:</p> <ol style="list-style-type: none"> 1. To help Students to understand basics of surface transportation including road and rail transport 2. To develop competencies and knowledge of students to become transportation professional 	
8	<p>Course Outcomes:</p> <ol style="list-style-type: none"> 1. Students will be able to apply the knowledge of surface transportation in the real-life situation 2. Enhancement of professional skills with regard to the field 	

9	Module 1:	(15 Hours)
	<ul style="list-style-type: none"> ● Introduction to surface transportation – Need and functions in logistics ● Types of transportation metrics – Various land transport carriers and their load capacities ● Types of temperature-controlled carriers – Intermodal transport ● Verification of carriers and drivers – Transit rules 	

	<ul style="list-style-type: none"> ● Documentation for transportation – GST – E-Waybill filing ● Importance of consignment number – Transportation telematics – Vehicle tracking system ● GPS systems – Procedure for downloading and reading tracking data from devices
	Module 2: (15 Hours)
	<ul style="list-style-type: none"> ● Probable reasons for delay or any issues during transit – Solutions – Re-routing ● Organisation structure in a transport organization – Incident management systems & processes ● Hazmat goods rules – Importance of safety data sheet and labels ● Procedure for consolidation of consignments for optimal loads ● Reporting discrepancies such as pilferages, loss, or damage of goods in transit ● Checking insurance and claims – Steps to close deliveries ● Safety procedures during transit and emergency response steps – List of good practices in driving
	Module 3: (15 Hours)
	<ul style="list-style-type: none"> ● Benefits of efficient transportation systems – Emerging trends in the transportation sector ● Pricing in the transportation sector – Govt regulations on transportation in India ● Customer management – Vendor coordination for return truck loads ● DG Handling – Handling of hazardous materials and compliance regulations ● Role of technology in fleet management and supply chain optimization ● Impact of sustainability practices in transportation – Green logistics trends ● Future developments in transportation – Automation and AI-driven logistics

10	Reference Books: <ul style="list-style-type: none"> ● Course Material Prepared by LSC ● J P Saxena, Warehouse Management and Inventory Control-Vikas Publication House Pvt Ltd, First Edition, 2003. ● A Practical Guide to Logistics: An Introduction to Transport, Warehousing, Trade and Distribution -Jerry Rudd-Kogan Page publications
11	Internal Continuous Assessment: 40% Semester End Examination: 60%

12	Continuous Evaluation through:	Case Study/ Class Presentation/ Research Assignments/ Periodical Test/ Practical-Hands-on Assignment/ Simulation	A Learner must be present for each of the sub-component
13	Format of SEE Question Paper: (45 marks)		
	Question No.	Nature of Question	Maximum Marks
Q-1	Answer the following: (attempt any 2 of 3) a) b) c)	15 Marks	
Q-2	Answer the following: (attempt any 2 of 3) a) b) c)	15 Marks	
Q-3	Answer the following: (attempt any 2 of 3) a) b) c)	15 Marks	

Signatures of Team Members

Sr.No.	Name	Signature
1.	Ms. Amrita Nambiar	