



CPA
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NMAC
NATIONAL ASSESSMENT AND
ACCREDITATION COUNCIL



III SEMESTER BBA

CALICUT UNIVERSITY



DOMESTIC LOGISTICS MANAGEMENT

2024 ADMISSION

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CPA COLLEGE OF GLOBAL STUDIES, PUTHANATHANI

UNIVERSITY OF CALICUT

BACHELOR OF BUSINESS ADMINISTRATION

TITLE OF COURSE: BBA3CJ201- SOMESTIC LOGISTICS MANAGEMENT

THIRD SEMESTER

LECTURES HOURS PER WEEK: 4

NO. OF CREDITS: 4

NO. OF CONTACT HOURS: 60 HOURS

OBJECTIVES OF THE COURSE

- **Understand logistics fundamentals, learn basic concepts like transportation, warehousing, inventory, and supply chain. Develop knowledge of logistics operations, understand how goods move within a country efficiently.**
- **Improve cost and efficiency management, learn how to minimize logistics cost and maximize service quality. Gain insight into transportation systems, study different modes (road, rail, air, water) and their usage.**
- **Learn documentation and compliance, understand logistics documents like invoices, waybills, consignment notes. Build decision-making skills, choose appropriate logistics strategies, routes, and vehicles.**
- **Understand technology in logistics, learn tools like GPS, RFID, TMS, WMS, GIS. Prepare for real-world logistics challenges, identify barriers and solve operational issues.**

LEARNING OUTCOMES

- **Understand Logistics Concepts, build a strong foundation in logistics principles and practices.**
- **Solve Logistics Problems, analyse challenges and identify opportunities in logistics operations. Apply Logistics Strategies, use appropriate strategies to improve efficiency and innovation.**
- **Understand Domestic & Global Logistics, compare and manage logistics activities across different contexts.**
- **Make Ethical & Practical Decisions, integrate social, ethical, and cost considerations in logistics decisions.**



MODULE I: Basics of Logistics & Logistics Management

1. Logistics: Definition

- Logistics = Planning, implementing, and controlling flow of goods, services & information from origin to consumption.
- Ensures **right product, right place, right time, right cost.**

2. History & Evolution

- Origin: Military (movement of troops & supplies)
- Evolved into business logistics → supply chain management
- Now includes **technology, automation, global integration**

3. Objectives of Logistics

- Cost minimization
- Customer satisfaction
- Timely delivery
- Efficient resource utilization
- Competitive advantage

4. Elements of Logistics

- Transportation
- Warehousing
- Inventory management
- Material handling
- Packaging
- Information flow

5. Logistics Management: Definition

- Strategic coordination of logistics activities to improve efficiency and performance.

6. Process of Logistics Management

1. Order processing
2. Inventory management
3. Transportation
4. Warehousing



5. Delivery

7. Role in Economic Development

- Supports trade & commerce
- Improves GDP growth
- Enhances infrastructure utilization
- Boosts employment

MODULE II: Domestic Logistics Operations

8. Main Types of Transportation

- Roadways 🚛
- Railways 🚂
- Airways ✈️
- Waterways 🚢

9. Road, Rail, Air & Water Transport (Comparison)

Mode	Advantages	Disadvantages
Road	Flexible, door delivery	Costly for long distance
Rail	Bulk transport, economical	Less flexible
Air	Fastest	Very expensive
Water	Cheapest for bulk	Slow

10. Barriers of Domestic Logistics

- Poor infrastructure
- High fuel cost
- Regulatory issues
- Inefficient supply chain
- Traffic congestion

11. Domestic vs International Logistics



Aspect	Domestic	International
Area	Within country	Across borders
Documentation	Simple	Complex
Cost	Lower	Higher
Risk	Lower	Higher

MODULE III: Documentation in Logistics

12. Documentation & Information Flow

- Ensures smooth movement of goods
- Types:
 - **FTL (Full Truck Load)**
 - **LTL (Less Than Truck Load)**

13. Key Documents

- Road Receipts (RR)
- Truck Receipts
- Waybills
- LR (Lorry Receipt)

14. Consignment Note (CMR)

- Contract between consignor & transporter
- Proof of shipment

15. Booking, Invoicing & Info Flow

- Booking: Order placement
- Invoice: Payment document
- Info flow: Real-time tracking & communication

16. GPS & RFID

- **GPS:** Real-time vehicle tracking
- **RFID:** Automated identification of goods



MODULE IV: Vehicle Selection in Domestic Logistics

17. Vehicle Selection

- Based on:
 - Type of goods
 - Distance
 - Cost
 - Delivery urgency

18. Load Types & Characteristics

- Bulk load
- Liquid load
- Perishable goods
- Fragile goods

19. Vehicle Body Types

- Open trucks
- Closed containers
- Refrigerated trucks
- Tankers

20. Routing & Scheduling

- **Routing:** Selecting best path
- **Scheduling:** Time planning for deliveries

Transport Resource Requirements

- Drivers
- Fuel
- Maintenance
- Technology

Common Issues

- Delays
- Breakdowns



- Poor route planning
- High operating cost

