

**SARDAR PATEL UNIVERSITY**  
**Programme: Bachelor of Vocation (Supply Chain and Logistics)**  
**Semester: I**  
**Syllabus with effect from: June 2015**

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|---|-------------------------|
| <b>Paper Code:</b> UB01CBVS01                       | <b>Total Credits: 5</b> |
| <b>Title Of Paper:</b> Supply chain & Logistics – I |                         |

| Unit     | Description in detail   | Weightage (%) |
|----------|---|---------------|
| <b>1</b> | <b>Introduction to Supply Chain Management:</b><br>Supply chain – objectives – importance – decision phases<br>process view – competitive and supply chain strategies<br>supply chain drivers – obstacles – framework – facilities<br>Inventory – transportation – information –sourcing – pricing.   | <b>25%</b>    |
| <b>2</b> | <b>Designing the Supply Chain Network:</b><br>Designing the distribution network – role of distribution –factors influencing<br>distribution – design options – e-business and its impact<br>distribution networks in practice – network design in the supply chain<br>Role of network – factors affecting the network design decisions – modeling for<br>supply chain. | <b>25%</b>    |
| <b>3</b> | <b>Introduction to logistics management:</b><br>Definition, scope, functions, objectives –<br>Integrated logistics management, role of logistics in the Supply chain -<br>Logistics & customer service,<br>Role of logistics in competitive strategy, Logistics organization & performance<br>measurement   | <b>25%</b>    |
| <b>4</b> | <b>Packaging:</b><br>Role of packaging, packaging materials<br>consumer & industrial packaging<br>Material handling efficiency  | <b>25%</b>    |

**Basic Text & Reference Books:**

- **Ailawadi C Sathish & Rakesh Singh**, LOGISTICS MANAGEMENT, Prentice Hall, India,2005
- **Agrawal D K**, TEXTBOOK OF LOGISTICS & SUPPLY CHAIN MANAGEMENT , Macmillan India Ltd, 2003
- **Coyle et al.**, THE MANAGEMENT OF BUSINESS LOGISTICS, Thomson Learning, 7th edition,2004
- **Bowersox Donald J**, LOGISTICAL MANAGEMENT- THE INTEGRATED SUPPLY CHAIN PROCESS, Tata McGraw Hill, 2000

