JYOTI NIVAS COLLEGE AUTONOMOUS
SYLLABUS FOR 2018 BATCH AND THEREAFTER

Programme: B.Com LSM **Semester: VI**

E-LOGISTICS

Course Code: 18BL604 **No. of Hours: 60**

COURSE OBJECTIVES:

- To introduce the E Logistics process to the students.
- To familiarize the students with new technologies used in logistics.
- To enable students to identify logistics strategies.

LEARNING OUTCOMES:

1. Students will be able to analyze how to logistics decisions impact the performance of firm as well as entire supply chain.
2. Students will apply the skills of documentation process in firm for better logistics management.
3. Students will be able to apply the various e-logistics tools to the logistics process.

UNIT 1: **12 HRS**

E-Logistics : An Introduction

Introduction to E-logistics - forward logistics – Reverse logistics – Logistics renovation toward E-logistics – importance of E-logistics – New trends and technology in logistics.

UNIT 2: **12 HRS**

Elements of E-logistics

Forward E-logistics – Reverse E-logistics – Challenges of E-logistics – environmental issues – e-business strategy – Application for E-logistics – Business to business – Business to consumers – Exception based status alert – Transportation documentation.

UNIT 3: **14 HRS**

E-Logistics Tools

E-logistics method of documentation – Electronic data interchange – Personal computer – Enterprise resource planning systems – The internet, intranets and extranets – The world wide web – Web-enabled relational databases, data warehouses and data marts – Decision support systems.

UNIT 4: **10 HRS**

E- Logistics Technology

Advance Ship Notice (ASN) – tracking systems – Satellite global positioning systems (GPS) and geographic information systems (GIS) – Bar-coding and scanning – Electronic signature technology – Wireless technology – Radio frequency identification (RFID).

UNIT 5: **12 HRS**

Collaborative supply chain system / E-Logistics Processes Integration

Electronic procurement (e-procurement) – Transport and delivery management – Packing and order management – Inventory and warehousing – Application architecture of Customer relationship management (CRM) – E-business logistics and its benefits.

Skill Development:

- Case studies will be examined in class.
- Visit any 3 industries using e-logistics and submit a report on the e- logistics process implemented.
- Assignments on different types of logistics reports.
- Analyze the use of LMIS for Decision making in a business.

BOOKS FOR REFERENCE:

1. Louis Columbus: Realizing e-business with application service providers, LWC publication.

2. B Stanford, E-business: Key Issues, Applications and Technologies, Ohmsha Publication

3. Logistics Management, Renu Arora, Kalyani Publisher