

LESSON PLAN 2024 (SUMMER)

Discipline: Information Technology	Semester : 6th	Name of the Teaching faculty: Swetalina Das
Subject : E-commerce	No.of Days/per week class allotted : 04	Semester from date: 16/01/2024 to 26/04/2024 No. of weeks : 15
Week	Class Day	Theory / Practical Topics
1 st	1 st	Introduction to E-Commerce, Definition of E-commerce, features of e-commerce
	2 nd	What is E-Business? Difference between e-commerce and e-business
	3 rd	Categories of E-Commerce Applications
2 nd	1 st	Global Trading Environment & Adoption of E-commerce
	2 nd	Comparison between traditional and E-commerce
	3 rd	Advantage and Disadvantage of ecommerce
3 rd	1 st	Question Answer Discussion/Quiz
	2 nd	Introduction to Business Models of E-Commerce
	3 rd	B2C (Business-to-Consumer) commercial transaction
	4 th	B2B(Business-to-Business) commercial transaction
4 th	1 st	Difference between B2C and B2B
	2 nd	C2C ,Need for B2B,
	3 rd	Introduction to EDI, Paperless Transaction
	4 th	Introduction to EDI standards ,Data Standards used in EDI
5 th	1 st	Cost of EDI
	2 nd	Reasons for Slow acceptability Electronic Fund Transfer (Canada case eliminated)
	3 rd	XML and its application
	4 th	Comparison of HTML and XML
6 th	1 st	Advantage of XML as a Technology
	2 nd	Question Answer Discussion/Quiz
	3 rd	Introduction to Business Applications of E-Commerce
	4 th	Trade cycle, EDI with trade cycle, Electronic market with trade cycle
	5 th	Supply Chain, Supply Chain Management
7 th	1 st	What is E-Procurement ?Implementing E-Procurement
	2 nd	Competitive Advantage
	3 rd	E-Commerce Application in Manufacturing
	4 th	E-Commerce Application in Wholesale
8 th	1 st	E-Commerce Application in Retail
	2 nd	E-Commerce Application in Service Sector
	3 rd	Question Answer Discussion/Quiz
9 th	1 st	Introduction to E-Commerce in Technology IT infrastructure
	2 nd	Internet ,Uses of Internet, Middleware

	3 rd	Intranet ,Extranet ,Difference between internet, extranet, and intranet
	4 th	VPN (Virtual Private Network)
10 th	1 st	Firewall, Different types of firewall
	2 nd	Concept of Cryptography
	3 rd	Digital Signature Digital Envelope
	4 th	Digital certificates Contents
	5 th	Question Answer Discussion/Quiz
11 th	1 st	Introduction to Electronic Payment System Electronic Payment Mechanism
	2 nd	Types of Payment System
	3 rd	Risks Associated with Electronic Payment
	4 th	Risk Management option
12 th	1 st	Payment Gateway Internet Banking
	2 nd	Security Requirement
	3 rd	Secure Socket Layer
	4 th	Biometrics
13 th	1 st	E-commerce security issues
	2 nd	Protecting e-commerce system
	3 rd	Risks involved in e-commerce
	4 th	Common E-commerce Security Tools
14 th	1 st	Client server Network security
	2 nd	Data and Message Security
	3 rd	Question Answer Discussion/Quiz
	4 th	E-waste
15 th	1 st	E-Surveillance
	2 nd	E-governance, E-care
	3 rd	Question Answer Discussion / Quiz
	4 th	Revision and last year Question Discussion


 16/01/24
 Signature of faculty