LESSON PLAN 2023 (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: 14/02/2023 to 23/05/2023 No. of weeks : 15	
Week	Class Day	Theory / Practical Topics	
Feb 3rd week	1st	Introduction to E-Commerce. Definition of E-commerce, features of e-commerce	
	2nd	What is E-Business? Difference between e-commerce and e-business	
Feb 4th week	1st	Categories of E-Commerce Applications	
	2nd	Global Trading Environment & Adoption of E-commerce	
	3rd	Comparison between traditional and E-commerce	
	4th	Advantage and Disadvantage of ecommerce	
Feb-5th week-March 1st week	1st	Question Answer Discussion/Quiz	
	2nd	Introduction to Business Models of E-Commerce	
	3rd	B2C (Business-to-Consumer) commercial transaction	
	4th	B2B(Business-to-Business) commercial transaction	
March 2nd week	1st	Difference between B2C and B2B	
	2nd	C2C ,Need for B2B.	
	3rd	Introduction to EDI, Paperless Transaction	
	4th	Introduction to EDI standards ,Data Standards used in EDI	
March 3rd week	1st	Cost of EDI	
	2nd	Reasons for Slow acceptability Electronic Fund Transfer (Canada case eliminated)	
	3rd	XML and its application	
	4th	Comparison of HTML and XML	
March 4th week	1st	Advantage of XML as a Technology	
	2nd	Question Answer Discussion/Quiz	
	3rd	Introduction to Business Applications of E-Commerce	
	4th	Trade cycle, EDI with trade cycle, Electronic market with trade cycle	
	5th	Supply Chain. Supply Chain Management	
March 5th week	1st	What is E-Procurement ?Implementing E-Procurement	
	2nd	Competitive Advantage	
	3rd	E-Commerce Application in Manufacturing	
	4th	E-Commerce Application in Wholesale	
April 1st week	1st	E-Commerce Application in Retail	
	2nd	E-Commerce Application in Service Sector	
	3rd	Question Answer Discussion/Quiz	
	4th	Introduction to E-Commerce in Technology IT infrastructure	
April 2nd week	1st	Internet ,Uses of Internet, Middleware	
	2nd	Intranet ,Extranet ,Difference between internet, extranet, and intranet	

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

Signature of faculty 13/02/23