

BALASORE SCHOOL OF ENGINEERING, BALASORE

LESSON PLAN/SEMESTER: -6TH/CSE

THEORY-4

SUBJECT: -E-commerce

NAME OF THE FACULTY: P. K. GIRI

SL. No.	Month /No. of academic days available for the subject	Chapter	DATE	TOPICS TO BE COVERED	No. of class Available As per Syllabus	No. of class Available As per lesson plan		
01	FEBRUARY/07	CH-1	22/02/23	1. Introduction to E-Commerce 1.1 Introduction 1.2 What is E-commerce	06	05		
			23/02/23	1.3 E-Business 1 4 Categories of E-Commerce Applications				
			24/02/23	1.5 Global Trading Environment & Adoption of E-commerce				
			25/02/23	1.6 Comparison between traditional and E-commerce				
			27/02/23	1.7 Advantage and Disadvantage				
		CH-2	28/02/23	2. Business Models of E-Commerce 2.1 Introduction			05	05
			29/02/23	2.2 Business Models of E-Commerce 2.3 B2C 2.4 B2B				
			01/03/23	2.5 Difference between B2C and B2B				
			02/03/23	2.5 Difference between B2C and B2B 2.6 C2C				
			06/03/23	REVISION				
02	MARCH/23	CH-3	09/03/23	3. B2B e-Commerce and EDI 3.1 Introduction 3.2 Need for B2B 3.3 EDI	08	08		
			11/03/23	3.4 Paperless Transaction 3.5 EDI standards				
			13/03/23	3.6 Data Standards used in EDI				
		14/03/23	3.7 Cost of EDI 3.8 Reasons for Slow acceptability					
		15/03/23	3.9 Electronic Fund Transfer (Canada case eliminated) 3.10 XML and its application					
		16/03/23	3.11 Comparison of HTML and XML 3.12 Advantage of XML as a Technology					

SL. No.	Month /No. of academic days available for the subject	Chapter	DATE	TOPICS TO BE COVERED	No. of class Available As per Syllabus	No. of class Available As per lesson plan
03	APRIL/14		17/03/23	REVISION		
		CH-4	18/03/23	4. Business Applications of E-Commerce 4.1 Introduction 4.2 Trade Cycle	07	05
			20/03/23	4.3 Supply Chain 4.4 E-Procurement 4.5 Implementing E-Procurement		
			21/03/23	4.6 Competitive Advantage 4.7 E-Commerce Application in Manufacturing 4.8 E-Commerce Application in Wholesale		
			22/03/23	4.9 E-Commerce Application in Retail		
			23/03/23	4.10 E-Commerce Application in Service Sector		
			24/03/23	5. E-Commerce in Technology 08 5.1 Introduction 5.2 IT infrastructure		
		25/03/23	5.3 Internet 5.4 Middleware			
		27/03/23	5.5 Intranet 5.6 Extranet			
		28/03/23	5.7 VPN			
		29/03/23	5.8 Firewall			
		30/03/23	5.9 Cryptography 5.10 Digital Signature			
		31/03/23	5.11 Digital Envelope 5.12 Digital certificates 5.13 Contents			
		03/04/23	REVISION			
		CH-6	04/04/23	6. Electronic Payment System 6.1 Introduction	08	08
			05/04/23	6.2 Electronic Payment Mechanism 6.3 Types of Payment System		
			06/04/23	6.4 Risks Associated with Electronic Payment 6.5 Risk Management option		
			10/04/23	6.6 Payment Gateway 6.7 Issues of Electronic Payment Technology		
			11/04/23	6.8 Recommendations 6.9 Internet Banking		
			12/04/23	6.10 Security Requirement		
			13/04/23	6.11 Secure Socket Layer 6.12 Biometrics		
			24/04/23	REVISION		

Sl. No.	Month /No. of academic days available for the subject	Chapter	DATE	TOPICS TO BE COVERED	No. of class Available As per Syllabus	No. of class Available As per lesson plan	
04	MAY/06	CH-7	25/04/23	7. Security Issues in E-Commerce 7.1 Introduction	06	06	
			26/04/23	7.2 E-commerce security issues 7.3 Risks involved in e-commerce			
			27/04/23	7.4 Protecting e-commerce system			
			28/04/23	7.5 Common E-commerce Security Tools			
			29/04/23	7.6 Client server Network security			
		01/05/23	7.7 Data and Message Security				
		CH-8	05/05/23	8. Current Trends in Electronic World 8.1 E-waste			05
			06/05/23	8.2 E-Surveillance			
			08/05/23	8.3 E-governance			
			09/05/23	8.4 E-care			
10/05/23	REVISION						

Brief Summary of the Plan

Slno	Month	Units/Chapter To be Covered	Percentage of Coverage
1	FEBRUARY	Chapter-1,2.2	25%
2	MARCH	Chapter-2,,3,5	40%
3	APRIL	Chapter-6,7	25%
4	MAY	Chapter-8	10%

Signature of the Faculty

Date

P. K. Singh
20/02/23

Signature of the Faculty

Date

[Signature]
20/02/23