

NM Institute Of Engineering and Technology, Bhubaneswar

DEPARTMENT:CSE

LESSON PLAN: Academic Year 2023-24 (Even Semester)

COURSE: DIPLOMA

SEMESTER: 6th

Subject/Code: E-Commerce

Faculty Name: Sunanda Kumar Sahoo

Sl. No.	Name of the Topic to Cover	Text Book	Teaching Method	Course Progress	Remark
1	Intoroduction to E-Commerce Introduction	T1	P		
2	what is E-commerce	T3	G		
3	what is E-commerce, E-Business	T2	P		
4	Categories of E-Commerce Applications	T2	G		
5	Global Trading Environment & Adoption of E-commerce	T2	G		
6	Comparison between traditional and E-commerce, Advantage and Disadvantage	T3	G		
7	Comparison between traditional and E-commerce, Advantage and Disadvantage	T2	P		
8	Business Models of E-Commerce ,Introduction	T1	G		
9	Business Models of E-Commerce	T1	G		
10	B2C,B2B	T3	P		
11	Difference between B2C and B2B	T1	G		
12	C2C	T2	P		
13	B2B e-Commerce and EDI ,Introduction	T3	G		
14	Need for B2B , EDI	T2	G		
15	Paperless Transaction	T2	G		
16	EDI standards	T1	G		
17	Data Standards used in EDI,Cost of EDI	T3	P		
18	Reasons for Slow acceptability,Electronic Fund Transfer (Canada case el	T1	G		
19	XML and its application,	T3	G		
20	Comparison of HTML and XML Advantage of XML as a Technology	T2	G		
21	Business Applications of E-Commerce Introduction	T3	G		
22	Trade Cycle	T2	P		
23	Supply chain	T3	G		
24	E-Procurement ,Implementing E-Procurement	T2	G		
25	Competitive Advantage	T1	G		
26	E-Commerce Application in Manufacturing	T1	G		
27	E-Commerce Application in Wholesale	T2	P		
28	E-Commerce Application in Retail	T2	P		
29	E-Commerce Application in Service Sector	T1	G		
30	E-Commerce Technology Introduction & IT infrastructure	T3	G		
31	Internet , Middleware , Intranet	T2	G		

32	Extranet ,VPN,Firewall	T1	G		
33	Cryptography , Digital Signature	T3	G		
34	Digital Envelope	T3	P		
35	Digital certificates & Contents	T2	P		
36	Electronic Payment System Introduction	T1	G		
37	Electronic Payment Mechanism	T3	G		
38	Types of Payment System	T3	G		
39	Risks Associated with Electronic Payment	T3	P		
40	Risk Management option	T2	P		
41	Payment Gateway	T1	G		
42	Issues of Electronic Payment Technology	T2	G		
43	Recommendations	T3	G		
44	Internet Banking	T1	G		
45	Security Issues in E-Commerce Introduction	T2	P		
46	E-commerce security issues	T1	P		
47	Risks involved in e-commerce	T3	G		
48	Protecting e-commerce system	T3	P		
49	Common E-commerce Security Tools	T2	P		
50	Client server Network security	T1	G		
51	Data and Message Security	T2	P		
52	. Current Trends in Electronic World	T1	P		
53	E-waste	T2	G		
54	E-Surveillance	T1	P		
55	E-governance	T2	P		
56	Question Answer Discussion	T1	G		
57	Previous year Question Answer Discussion	T3	P		
58	Previous year Question Answer Discussion	T1	P		
59	Data Fusion	T1	G		
60	Previous year Question Answer Discussion	T2	G		
			Method of Teaching		
			G: Green Board Teaching		
			P: Power Point Teaching		
Faculty Signature					
At the end of this course, students will be able to:					
• Understand the concept of Software Engineering					
• Understand how costs, schedule and quality drive a software project.					
• Understand the role of software process and a process model in a project					
• Understand planning and estimation of a software project,• Understand the role of SRS in a project and how requirements are validated					
• Know the key design concepts of software engineering,• Learn the structured code inspection process					
• Learn how testing is planned and testing done					
TEXT BOOKS:					

Rajib Mall Fundamentals of Software Engineering		
Deepak Jain Software Engineering:		
Reema Thereja Data Structure using C Oxford University Press		