CO-PO-PSO MAPPING DOCUMENT

Course: E-Commerce & ERP
Code: OEC-CS802A

Branch & Sec: CSE (Sec-A)

TABLE-1

After completion of the course students will be able to-

Unit.	Hrs	Sub-Topic (from syllabus)	Instructional Learning Outcome(ILO) (Cognitive Process /Knowledge Dimension)	Topic Learning Outcome(TLO)	Course Outcome(CO)
1	8	Overview, Definitions, Advantages & Disadvantages of E – Commerce, Threats of E – Commerce, Managerial Prospective, Rules & Regulations For Controlling E – Commerce, Cyber Laws. Technologies : Relationship Between E – Commerce & Networking, Different Types of Networking Commerce, Internet, Intranet & Extranet,	1.1 Explain the purpose of e-Commerce Systems PI: 1.4.1, 2.1.1 1.2 Explain cyber laws and their use in e-Commerce. PI: 1.4.1, 2.1.1 1.3 Explain how networking and e-commerce is intertwined PI: 1.4.1, 2.1.1 1.4 Explain the use of wireless application protocols in e-commerce PI: 1.4.1, 2.1.1, 2.1.2, 2.1.3, 2.2.4, 2.2.5, 3.1.1, 3.2.1, 3.2.2	TLO1.1. Explain the concept and types of different e-Commerce systems. TLO1.2. Develop and understanding of technologies used in e-Commerce systems	**CO1: Understand** the fundamental concepts and technologies of E-commerce (Understand) Assessment Tools: CT, OT, PS, Q

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		EDI Systems Wireless Application Protocol : Definition, Hand Held Devices, Mobility & Commerce, Mobile Computing, Wireless Web, Web Security, Infrastructure Requirement For E – Commerce .			

2	10	Business Models of e – commerce : Model Based On Transaction Type, Model Based On Transaction Party - B2B, B2C, C2B, C2C, E – Governance.
		
		E – strategy : Overview, Strategic Methods for developing E – commerce.
			2.1 Explain the business models in e-commerce
			  PI: 1.4.1, 2.1.1
			2.2 Understand the use of various strategies for modelling various e-commerce applications
			  PI: 1.4.1, 2.1.1, 2.1.2, 2.1.3, 2.2.4, 2.2.5, 3.1.1, 3.2.1, 3.2.2
				TLO2.1 Explain different features of business models
				TLO2.2 Understand modelling strategies of ecommerce applications
					CO2: Understand the business models and strategies of E-commerce (understand)
					
					Assessment Tools: CT, PS,OT,Q

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		Four C's : (Convergence, Collaborative Computing, Content Management & Call Center). Convergence : Technological Advances in Convergence – Types, Convergence and its implications, Convergence & Electronic Commerce. Collaborative Computing : Collaborative product development, contract as per CAD, Simultaneous Collaboration, Security. Content Management : Definition of content, Authoring			

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		Tools & Content Management, Content – partnership, repositories, convergence, providers, Web Traffic & Traffic Management ; Content Marketing. Call Center : Definition, Need, Tasks Handled, Mode of Operation, Equipment , Strength & Weaknesses of Call Center, Customer Premises Equipment (CPE).			
3	5	Supply Chain Management : E – logistics, Supply Chain Portal, Supply Chain Planning Tools (SCP Tools), Supply Chain Execution (SCE),	3.1 Illustrate the concepts of supply chain management, SCP and SCE PI: 1.4.1, 2.1.1, 2.1.2, 2.1.3, 2.2.3, 2.2.4, 2.2.5, 2.4.3, 2.4.4, 3.1.1, 3.2.1, 3.2.2 3.2 Compare e-cheque, e-cash and card payment systems PI: 1.4.1, 2.1.1, 2.1.2, 2.1.3, 2.2.3, 2.2.4, 2.2.5, 2.4.3, 2.4.4, 3.1.1, 3.2.1, 3.2.2	TLO3.1 Explain the supply chain management in ecommerce systems TLO3.2 Compare various e-payment systems TLO3.3 Explain the	**CO3: Understand** the concepts of supply chain management and electronic systems in E-commerce (Understand)

		SCE - Framework, Internet's effect on Supply Chain Power. E – Payment Mechanism : Payment through card system, E – Cheque, E – Cash, E – Payment Threats & Protections. E – Marketing :. Home –shopping, E-Marketing, Tele-marketing	3.3 Compare Home–shopping, E-Marketing, Tele-marketing PI: 1.4.1, 2.1.1, 2.1.2, 2.1.3, 3.1.1, 3.2.1, 3.2.2, 4.2.1	various e-marketing in varied application domain.	Assessment Tools: CT, PS,OT,Q
4	6	Electronic Data Interchange (EDI) : Meaning, Benefits, Concepts, Application, EDI Model, Protocols (UN EDI FACT / GTDI, ANSI X – 12), Data Encryption (DES /	4.1 Explain EDI Model, Protocols (UN EDI FACT / GTDI, ANSI X – 12) PI: 1.4.1, 2.1.1, 2.1.2, 2.1.3, 2.2.3, 2.2.4, 2.2.5, 2.4.3, 2.4.4, 3.1.1, 3.2.1, 3.2.2 4.2 Understand DES and RSA PI: 1.4.1, 2.1.1, 2.1.2, 2.1.3, 2.2.3, 2.2.4, 2.2.5, 2.4.3, 2.4.4, 3.1.1, 3.2.1, 3.2.2 4.3 Understand the uses of Firewall, Cryptography, Key Management, Password Systems, Digital certificates, Digital signatures	TLO4.1 Understand EDI models TLO4.2 Understand how risks are managed in e-commerce systems	**CO4: Understand** the concepts of EDI and risks involved in E-commerce (understand) Assessment Tools: CT, PS, TP, Q

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		RSA). Risk of E – Commerce : Overview, Security for E – Commerce, Security Standards, Firewall, Cryptography, Key Management, Password Systems, Digital certificates, Digital signatures			
5	10	Enterprise Resource Planning (ERP) : Features, capabilities and Overview of Commercial Software, re-engineering work processes for IT applications, Business	5.1 Use the concepts of Maintenance, Materials Management, QualityManagement, Sales&Distribution PI: 1.4.1, 2.1.1, 2.1.2, 2.1.3, 2.2.3, 2.2.4, 2.2.5, 2.4.3, 2.4.4, 3.1.1, 3.2.1, 3.2.2 5.2 Explain the concept of SAP AG, PeopleSoft, BAAN, JD Edwards, Oracle	TLO5.Explain the ERP features and capabilities TLO5.Explain the Present and Future: Enterprise Application Integration	**CO5: Understand** the concepts of Enterprise Resource Planning (Understand) Assessment Tools: CT, PS,TP,Q

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| | | Process Redesign, Knowledge engineering and data warehouse . Business Modules: Finance, Manufacturing (Production), Human Resources, Plant Maintenance, Materials Management, QualityManagement, Sales&Distribution ERPPackage, ERP Market: ERP Market Place, SAP AG, PeopleSoft, BAAN, JD Edwards, Oracle Corporation ERP-Present and Future: Enterprise Application Integration (EAI), ERP and E-Commerce, ERP and Internet, Future Directions in ERP | Corporation
PI: 1.2.1, 1.4.1, 2.1.1, 2.1.2, 2.1.3, 2.2.3, 2.2.4, 2.2.5, 2.4.3, 2.4.4, 3.1.1, 3.2.1, 3.2.2 | | |

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COURSE OUTCOMES

SNO	DESCRIPTION	BLOOOM LEVEL
OEC-CS802A.1	**Understand** the fundamental concepts and technologies of E-commerce	Understand
OEC-CS802A.2	**Understand** the business models and strategies of E-commerce	Understand
OEC-CS802A.3	**Understand** the concepts of supply chain management and electronic systems in E-commerce	Understand
OEC-CS802A.4	**Understand** the concepts of EDI and risks involved in E-commerce	Understand
OEC-CS802A.5	**Understand** the concepts of Enterprise Resource Planning	Understand

Summary of COs and POs relation

CO	% of POs (PIs) related with COs
CO1	PO1- 1(20%), PO2- 5 (38%), PO3- 3 (21%)
CO2	PO1- 1 (20%), PO2- 5 (38%), PO3- 3 (21%)
CO3	PO1- 1(20%), PO2- 8 (62%), PO3- 3 (21%), PO4- 1 (13%)
CO4	PO1- 1(20%), PO2- 8(62%), PO3- 3 (21%), PO4- 1 (13%)
CO5	PO1- 2(40%), PO2- 5(38%), PO3- 3(21%)

COURSE OUTCOMES VS POs MAPPING (HIGH: 3; MEDIUM: 2; LOW: 1**): [Level1: 1%-19%, Level2: 20%-49%, Level3: 50% or above]**

SNO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
OEC-CS802A.1	2	2	2	-	-	-	-	-	-	-	-	-	3	1
OEC-CS802A.2	2	2	2	-	-	-	-	-	-	-	-	-	3	2
OEC-CS802A.3	2	3	2	1	-	-	-	-	-	-	-	-	3	2
OEC-CS802A.4	2	3	2	1	-	-	-	-	-	-	-	-	3	2
OEC-CS802A.5	2	2	2	-	-	-	-	-	-	-	-	-	3	2
OEC-CS802A	**2**	**2.4**	**2**	**0.2**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**3**	**1.8**