Computer Science & Engineering
Course outcome statements and mapping CO-PO, CO-PSO
Academic year: 2023-24 Part-II

Course Name: Cloud Computing **Course Code: CSE354**
Class: TYCSE

Course Outcomes:

CO1:. Identify the appropriate cloud services for a given application.

CO2: Interpret various Cloud computing models and services.

CO3: Analyze authentication, confidentiality and privacy issues in cloud computing

CO4: Describe the security aspects in cloud and the services offered by a cloud

CO5: Understand the Cloud computing architecture and the Aneka cloud

CO6: Analyze the cloud platforms in IT industry and various case studies on the industries providing cloud services

CO-PO-PSO Mapping

CO	PO1	PO2	PO3	PO5	PO9	PO10	PO11	PO 12	PSO3
CO1	2			2					2
CO2		2		2					2
CO3		2		2					2
CO4				2					2
CO5	2								2
CO6		2							2
Average									2
Mapping Strength	2	2	2	2					2

Computer Science & Engineering
Course outcome statements and mapping CO-PO, CO-PSO
Academic year: 2023-24 Part-II

Course Name: Cryptography and Computer Network   **Course Code: CSE351**
Class: TYCSE

Course Outcomes:

CO1: Explain the principles of Security and classify the various types of attacks. (I. Remember, II. Understand)

CO2: Classify symmetric and asymmetric techniques for encryption and decryption of text and apply substitution and transposition techniques. (II. Understand, III. Apply)

CO3: Apply the knowledge of symmetric key cryptography algorithm. (II. Understand, III Apply)

CO4: Describe public key cryptography and illustrate public key cryptographic algorithms.. (III. Apply, IV Analyze)

CO5: Describe the cryptographic hash function and implement the SHA 512 secure hash function. (II. Understand, IV. Analyze)

CO6: Explain the threat in networks and security controls and access controls in networking. (II Understand)

CO-PO-PSO Mapping

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PI	PSO1	PSO2	PSO3
CO1	1	1	-	-	-	-	-	1	-	-	1	-
CO2	-	2	2	-	-	1	-	1	-	-	1	-
CO3	-	2	2	-	-	1	-	1	-	-	1	-
CO4	-	2	2	-	-	1	-	1	-	-	1	-
CO5	-	2	2	2	1	1	-	1	-	-	1	-
CO6	1	-	1	-	-	1	-	-	-	-	1	-
Average	1	1.8	1.8	1	1	1	-	-	-	-	1	-
Mapping Strength												

Computer Science & Engineering
Course outcome statements and mapping CO-PO, CO-PSO
Academic year: 2023-24 Part-II

Course Name: Digital Marketing   **Course Code: CSE391**
Class: TYCSE

Course Outcomes:

CO1: Describe concept of digital marketing and its application
CO2: Explain search engine optimization.
CO3: Identify social media optimization
CO4: Understand the concept of Linkin and instagram
CO5: Illustrate basic concepts of Search engine Marketing
CO6: Use the E-Commerce Management.

CO-PO-PSO Mapping

CO	PO1	PO2	PO3	PO4	PO5	PO6	PSO1	PSO2	PSO3
CO1		1						1	
CO2			1					1	
CO3				1				1	
CO4					1			1	
CO5						1		1	
CO6	1							1	
Average								1	
Mapping Strength	1.0	1.0	1.0	1.0	1.0			1	

Computer Science & Engineering
Course outcome statements and mapping CO-PO, CO-PSO
Academic year: 2023-24 Part-II

Course Name: Machine Learning   **Course Code: CSE373**
Class: TYCSE

Course Outcomes:

CO1: Understand the features of Machine Learning and problem definition with hypothesis
CO2: Apply Bayesian learning and regression based supervised algorithms for classification and prediction.
CO3: Apply decision tree and Support Vector Machine based algorithms for classification.
CO4: Demonstrate the use of unsupervised Machine Learning algorithms for solving real world problems.
CO5: Apply ensemble techniques for problem solving
CO6: Understand the features, architecture and basic functioning of neural network model.

CO-PO-PSO Mapping

CO	PO1	PO3	PO4	PO5	PO 12	PSO1
CO1	3				1	1
CO2	2	3	2	3	2	3
CO3	2	3	2	3	2	3
CO4	2	3	2	3	2	3
CO5	1	2		3	1	3
CO6	2				1	1

Maharashtra Institute of Technology, Aurangabad

Computer Science & Engineering
Course outcome statements and mapping CO-PO, CO-PSO
Academic year: 2023-24 Part-II

Course Name: Principles of Compiler Design **Course Code: CSE352**
Class: TYCSE

Course Outcomes:

CO1: Distinguish the working of each phase of compiler.

CO2: Construct parsing table for various parsing methods.

CO3: Generate three address code for programming language.

CO4: Classify various types of errors in compilation process of high-level programming languages.

CO5: Apply code optimization method on given program code.

CO6: Implement small modules for all phases of compiler

Strength: Strongly (3), moderately (2), weakly (1)

CO	PO 1	PO2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12
CO1	3	2	1	-	-	-	-	-	-	-	-	-
CO2	2	2	-	-	-	-	-	-	-	-	-	-
CO3	1	1	-	-	-	-	-	-	-	-	-	-
CO4	1	2	-	-	-	-	-	-	-	-	-	-
CO5	1	-	-	-	-	-	-	-	-	-	-	-
CO6	2	-	-	-	-	-	-	-	-	-	-	-
Average	3	2	1	-	-	-	-	-	-	-	-	-

CO-PO-PSO Mapping

CO	PSO 1	PSO 2	PSO 3
CO1	-	-	1
CO2	-	-	1
CO3	-	-	1
CO4	-	-	1
CO5	-	-	1
CO6	-	-	1
Average	-	-	1

Dr.Smita Kasar
Program Coordinator