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APPROVED BY AICTE
DEPARTMENT OF AI&ML

COURSE OUTCOMES

Class/ Branch: II/IV AIML   Sub/Code:P&S/AM-211/ R22   Academic Year: 2023-2024

CO. No	Course Outcome Statement	Bloom's Taxonomy Level	Bloom's Taxonomy Level
C211.1	Remembering the theory and have practical knowledge of statistics, measures of central tendency , variability , skewness, kurtosis,correlation,rank correlation regression,principle of least squares	Remember	L1
C211.2	Understanding the clear conception of the terms probability,randomvariables,probability density functions,mathematical expectation	Understand	L2
C211.3	Analyzing evaluation of probability distribution-binomial ,normal,poission approximation and their properties	Analyze	L4
C211.4	Evaluation about the estimation – sampling ,point estimation,nullhypothesis,large sample tests,confidence level	Evaluate	L5
C211.5	Evaluation of student t-distribution,F-tests ,chi squares tests for goodness of fit,test for independence of attributes	Evaluate	L5

Course Outcomes

Class/ Branch: II/IV AI&ML   Academic Year: 2023-2024
Sub/Code: DSA/AM212-R22

CO No.	Course Outcome Statement	Bloom's Taxonomy	Bloom's Taxonomy Level
C212.1	Remembering basic data structure operations and analyse the time and space complexity of algorithms.	Remember	L1
C212.2	Understanding algorithms using the basic operations of stacks and queues and analyse their complexity.	Understand	L2
C212.3	Examine basic operations of linked lists and analyse their algorithm complexity.	Analyze	L4
C212.4	Evaluate the performance of selection Sort, Bubble Sort, Insertion Sort, Quick Sort, Merge Sort, Heap Sort algorithms in term of Space and Time complexity and implementing the searching algorithms.	Evaluate	L5
C212.5	Implement binary trees, binary search tress, AVL trees and B+ trees and Graphs.	Apply	L3

Course Outcomes

Class/ Branch: II/IVAIML   **Sub/Code: UNIX/AM213-R22**   **Academic Year: 2023-2024**

CO No.	Course Outcome Statement	Bloom's Taxonomy	Bloom's Taxonomy Level
C213.1	Understand The Basic Unix Architecture ,Commands And Utilities Of The Unix Operating System And To Work Confidently In Unix /Linux Environment And Open Systems	Understand Apply	L2 L3
C213.2	Create simple And Complex Shell Scripts To Automate Various Task Using Shell Programming	Apply	L3
C213.3	Analyze File Management System Calls	Analyze	L4
C213.4	Understand Various Concepts Of Process And Process Related Commands In Unix	Understand	L2
C213.5	Understand Unix System Administration And IPC	Understand	L2

Course Outcomes

Class/ Branch: II/IV AIML   Sub/Code: Introduction to AI/AM214-R22   Academic Year: 2023-2024

CO No.	Course Outcome Statement	Bloom's Taxonomy	Bloom's Taxonomy Level
C214.1	Outline the fundamentals of artificial intelligence and characteristics of problems.	Remember	L1
C214.2	Analyze different search techniques and predicate logic in artificial Intelligence.	Analyze	L4
C214.3	Interpret knowledge representation using different rules and Describe Logical agents.	Apply Understand	L3 L2
C214.4	Classify logical agents to do inference using first order logic and symbolic reasoning under uncertainty.	Understand	L2

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<u>**Course Outcomes**</u>

Class/ Branch: II/IV AI&ML   Sub/Code: PROFESSIONAL ETHICS AND HUMAN VALUES/AM215 –R22   **Academic Year: 2023-2024**

CO No.	Course Outcome Statement	Bloom's Taxonomy	Bloom's Taxonomy Level
C215.1	Understanding professional ethics, morals, social values and work ethics.	**Understand**	**L1**
C215.2	Awareness of Professional ideals, virtues, Responsibilities of an Engineer. Understanding & resolving the moral and ethical dilemmas in profession.	**Understand**	**L1**
C215.3	Acquiring knowledge of different codes of Ethics and learn to be a responsible social experimenter.	**Analyze**	**L2**
C215.4	Apply risk and safety measures in various engineering fields with case studies.	**Apply**	**L2**
C215.5	Gain exposure to global issues and know their social responsibilities as a professional engineer.	**Understand**	**L2**
C215.6	An ability to identify, formulate and solve engineering problems.	**Analyze**	**L2**

<u>**Course Outcomes**</u>

Class:II/IVAI&ML   SUB/CODE: Data Structures & Algorithms Lab/AM251-R22
Academic Year: 2023-24

CO No.	Course Outcome Statement	Bloom's Taxonomy	Bloom's Taxonomy Level
C251.1	Understand basic data structures such as arrays, linked lists, stacks and queues.	Understand	**L2**
C251.2	Implement the stack, Queue and their applications	Apply	**L3**
C251.3	Implement various types of linked lists and their applications	Apply	**L3**
C251.4	Ability to have knowledge of tree and graphs concepts.	Remember	**L1**
C251.5	Apply Algorithm for solving problems like sorting, searching, insertion and deletion of data	Apply	**L3**

Course Outcomes

Class:II/IVAI&ML   **SUB/CODE: UNIX Programing Lab/AM251-R22**
Academic Year: 2023-24

CO No.	Course Outcome Statement	Bloom's Taxonomy	Bloom's Taxonomy Level
C252.1	Able to execute various commands and utilities of the UNIX operating system.	Apply	L3
C252.2	Able to implement shell scripts and automate various daily tasks using shell programming.	Implement	L3
C252.3	Able to execute UNIX process management programs	Implement	L3
C252.4	Able to execute UNIX system administration commands.	Implement	L3

Course Outcomes

Class/Branch:II/IV AI&ML   **Sub/Code: Introduction to AI Lab /AM 253-R22**
Academic Year: 2023-2024

CO No.	Course Outcome Statement	Bloom's Taxonomy	Bloom's Taxonomy Level
C253.1	Demonstrate programs using simple Python programs .	Understand Apply	L2 L3
C253.2	Determine the methods to create and manipulate Python programs by utilizing the data structures like lists and sets.	Analyze	L4
C253.3	Understand the informed and uninformed problem types and apply search strategies to solve them.	Understand	L2
C253.4	Apply difficult real life problems in a state space representation so as to solve them using AI techniques like searching and game playing.	Apply	L3

Course Outcomes

Class:II/IVAI&ML   SUB/CODE: STATISTICS USING R Lab/AM 254 -R22

Academic Year: 2023-24

CO No.	Course Outcome Statement	Bloom's Taxonomy	Bloom's Taxonomy Level
C254.1	Analyze the datasets using R programming capabilities.	Analyze	**L4**
C254.2	Understanding the functions of R Programming.	Understand	**L2**
C254.3	Study and Analyze Data Visualisation.	Analyze	**L4**
C254.4	Demonstrate the knowledge of probability and conduct hypothesis tests for statistical inference	Evaluate	**L5**