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APPROVED BY AICTE
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

COURSE OUTCOMES

Class/ Branch: II/IV CSE   **Sub/Code:P&S/CS211- 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	Remembered	L1
C211.2	.Understanding the clear conception of the terms probability, random variables, 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, null hypothesis, 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 CSE   **Sub/Code: JAVA/ CS212 –R22**   **Academic Year: 2023-2024**

CO No.	Course Outcome Statement	Bloom's Taxonomy	Bloom's Taxonomy Level
C212.1	Apply knowledge of basic syntax , data types , and control structures of java.	**Understand** **Apply**	L2 L3
C212.2	Design and implement object-oriented programs using classes, objects, and inheritance.	**Implement**	L2
C212.3	Implement common algorithms and data structures using java programming.	**Apply** implement	L3 L5
C212.4	Develop GUI applications using java swing.	**implement**	L4
C212.5	Implement exception handling mechanisms and error handling techniques in java programs.	**apply**	L3

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Course Outcomes

Class/ Branch: II/IVCSE   Sub/Code: OS/CS213-R22   Academic Year: 2023-2024

CO No.	Course Outcome Statement	Bloom's Taxonomy	Bloom's Taxonomy Level
C213.1	Remembering the fundamental concepts of an Operating System functionality, and Processes.	**Understand** **Apply**	**L1** **L3**
C213.2	Apply the concepts of Multithreading and IPC mechanisms and also analyse the performance of CPU Scheduling Algorithms, Page Replacement Algorithms, and Disk Scheduling Algorithms.	**Apply**	**L3**
C213.3	Understanding the methods to solve critical section problem and deadlock handling in a system.	**Analyze** **Create**	**L4** **L5**
C213.4	Analyse the effectiveness and the hardware support required for contiguous, non-contiguous, and virtual memory management schemes.	**Understand**	**L2**
C213.5	Analyse various disk scheduling methods.	**Understand**	**L4**

Course Outcomes

Class/ Branch: II/IV CSE   Sub/Code: Introduction to AI/CS214 –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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Course Outcomes

Class/ Branch: II/IV CSE   Sub/Code: PROFESSIONAL ETHICS AND HUMAN VALUES/CS215 –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	L1
C215.6	An ability to identify, formulate and solve engineering problems.	Analyze	L2

Course Outcomes

Class/ Branch: II/IVCSE   Sub/Code: JAVA LAB /CS251 -R22   **Academic Year: 2023-2024**

CO No.	Course Outcome Statement	Bloom's Taxonomy	Bloom's Taxonomy Level
C251.1	Implement Object oriented features using Java	APPLY	L3
C251.2	Apply the concept of polymorphism and inheritance.	APPLY	L3
C251.3	Implement exception handling.	APPLY	L3
C251.4	Develop network and window application using awt and swings.	APPLY	L3

Course Outcomes

Class/ Branch: II/IV CSE   Sub/Code: Operating System Lab / CSE 252-R22   A. Y: 2023-2024

CO No.	Course Outcome Statement	Bloom's Taxonomy	Bloom's Taxonomy Level
C252.1	Ability to implement inter process communication between two processes.	Comprehension	**L2**
C252.2	Ability to design and solve synchronization problems	Comprehension	**L2**
C252.3	Ability to simulate and implement operating system concepts such as scheduling, Deadlock management, file management, and memory management	Synthesis	**L5**

Class/ Branch: II/IV CSE   Sub/Code: Introduction to AI Lab / CS253 R-22 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

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**