

DEPARTMENT OF COMPUTER SCIENCE ENGINEERING (AIML)

Academic Year -2023-24

Course Outcomes

B.TECH.7th SEM

**RURAL DEVELOPMENT:
ADMINISTRATION AND
PLANNING (KHU701)**

Course Outcome (CO)	Details of Course Outcomes	Bloom's Knowledge Level (KL)
(CO1)	Understand the fundamental concepts, significance, and challenges of rural development in India.	K2
(CO2)	Analyze the structure, roles, and functions of rural administrative bodies and governance mechanisms.	K4
(CO3)	Evaluate various government policies, schemes, and initiatives for rural development and their impact on society.	K5
(CO4)	Apply planning strategies and management techniques for sustainable rural development.	K3
(CO5)	Assess the role of technology, NGOs, and self-help groups in enhancing rural economy and infrastructure.	K5

Data Warehousing and Data Mining (KAI075)

Course Outcome (CO)	Details of Course Outcomes	Bloom's Knowledge Level (KL)
(CO1)	Be familiar with mathematical foundations of data mining tools.	K1 , K2
(CO2)	Understand and implement classical models and algorithms in data warehouses and data mining	K3
(CO3)	Characterize the kinds of patterns that can be discovered by association rule mining, classification and clustering.	K1 , K2
(CO4)	Master data mining techniques in various applications like social, scientific and environmental context.	K3
(CO5)	Develop skill in selecting the appropriate data mining algorithm for solving practical problems.	K1 , K2

Distributed Computing System (KAI079)

Course Outcome (CO)	Details of Course Outcomes	Bloom's Knowledge Level (KL)
(CO1)	Define the characterization of Distributed Systems, Theoretical Foundation for Distributed System and Concepts in Message Passing Systems.	K1 , K2
(CO2)	Explain the Distributed Mutual Exclusion and Distributed Deadlock Detection.	K3
(CO3)	Apply the Agreement Protocols and Distributed Resource Management.	K4
(CO4)	Analyze the Failure Recovery in Distributed Systems and Fault Tolerance.	K2
(CO5)	Evaluate the Transactions and Concurrency Control, Distributed Transactions and Replication	K1

DESIGN THINKING (KOE077)

Course Outcome (CO)	Details of Course Outcomes	Bloom's Knowledge Level (KL)
(CO1)	Understand the fundamental concepts, principles, and processes of Design Thinking.	K2
(CO2)	Apply human-centered design approaches to identify real-world problems and user needs.	K3
(CO3)	Analyze different ideation techniques to develop creative and innovative solutions.	K4
(CO4)	Evaluate design prototypes through iterative testing and feedback mechanisms.	K5
(CO5)	Implement problem-solving strategies by integrating design thinking methodologies into engineering and business solutions.	K3

Mini Project (KCS752)

Course Outcome (CO)	Details of Course Outcomes	Bloom's Knowledge Level (KL)
(CO1)	Developing a technical artifact requiring new technical skills and effectively utilizing a new software tool to complete a task	K4 , K5
(CO2)	Writing requirements documentation, Selecting appropriate technologies, identifying and creating appropriate test cases for systems.	K5 , K6
(CO3)	Demonstrating understanding of professional customs & practices and working with professional standards.	K4 , K5
(CO4)	Improving problem-solving, critical thinking skills and report writing.	K4 , K5
(CO5)	Learning professional skills like exercising leadership, behaving professionally, behaving ethically, listening effectively, participating as a member of a team, developing appropriate workplace attitudes.	K2, K4

Project (KCS753)

Course Outcome (CO)	Details of Course Outcomes	Bloom's Knowledge Level (KL)
(CO1)	Analyze and understand the real life problem and apply their knowledge to get programming solution.	K4 , K5
(CO2)	Engage in the creative design process through the integration and application of diverse technical knowledge and expertise to meet customer needs and address social issues.	K4 , K5
(CO3)	Use the various tools and techniques, coding practices for developing real life solution to the problem.	K5 , K6
(CO4)	Find out the errors in software solutions and establishing the process to design maintainable software applications	K4 , K5
(CO5)	Write the report about what they are doing in project and learning the team working skills	K5, K6