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DEPARTMENT OF INFORMATION TECHNOLOGY
BTECH 4TH SEMESTER
LEARNING MANAGEMENT SYSTEM (LMS)

S.N.	NAME OF SUBJECT	CO'S	NOTES LINK
01	ORGANIZATIONAL BEHAVIOR (BTITHM401)	CO1:To become more self-aware and have identified areas of development for long term effectiveness.	UNIT I
		CO2:To understand the role that individuals play collectively to perform in organizations.	UNIT- II
		CO3: -Analyze perception, decision-making, and apply motivation theories.	UNIT- III
		CO4: -Understand group behavior, communication, and team building.	UNIT- IV
		CO5: -Apply leadership, power, conflict resolution, and change management strategies.	UNIT- V
02	PROBABILITY AND STATISTICS (BTITC402)	CO1: Apply probability theory and distributions to engineering problems.	UNIT- I
		CO2: -Use binomial, Poisson, and normal distributions in problem-solving	UNIT- II
		CO3: -Analyze correlation and regression for data interpretation.	UNIT- III
		CO4: -Conduct hypothesis testing for decision-making using sample data.	UNIT- IV
		CO5: -Apply curve fitting and Markov chains for statistical analysis.	UNIT- V
03	DISCRETE MATHEMATICS (BTITC403)	CO1: To perform operations on various discrete structures such as sets functions, relations and sequences.	UNIT- I
		CO2: To solve problems using counting techniques, permutation and combination, recursion and generating functions.	UNIT- II
		CO3: To use graphs as tools to visualize and simplify problems.	UNIT- III
		CO4: To solve problems using algebraic structures (Rings, Monoids and Groups).	UNIT- IV
		CO5: -Apply graph theory concepts and algorithms to solve problems like minimal spanning trees and the Travelling Salesman Problem.	UNIT- V
04	DESIGN AND ANALYSIS OF ALGORITHMS	CO1:To develop efficient algorithms for simple computational tasks.	UNIT- I
		CO2:. To understand concepts of time and space	UNIT- II

	(BTITC404)	complexity, worst case, average case and best case complexities.	
		CO3:To design algorithms such as sorting, searching and problems involving graphs.	UNIT- III
		CO4:To compute complexity measures of recursive algorithms using recurrence relations.	UNIT- IV
		CO5: -Use backtracking, branch and bound, and understand NP problems.	UNIT- V
05	**ELECTIVE-I** WEB TECHNOLOGY (BTITPE405B)	CO1:To understand World Wide Web and latest trends in web development.	UNIT- I
		CO2:To obtain real world knowledge of design and development.	UNIT- II
		CO3:To design and develop web application with all industrial standards.	UNIT- III
		CO4:To understand web hosting, server types and debugging.	UNIT- IV
		CO5: -To implement web hosting, debugging, unit testing, and ensure browser compatibility.	UNIT- V