

Course:Discrete Mathematical Structures

Scheme:2015

Course Code:(15CS36)

Sem: 3

	Course Outcome	POs/ PSOs	CL	Class Sessions (approximate)	Tutorial (Hrs)	Lab Sessions (Hrs)
CO 1	Verify the correctness of an argument using propositional and predicate logic and truth tables.	PO1	U	10	1	NA
CO 2	Demonstrate the ability to solve problems using counting techniques and combinatorics in the context of discrete probability.	PO1	AP	10	1	NA
CO 3	Perform operations on discrete structures such as functions and sequences	PO1	AP	10	1	NA
CO 4	Solve problems involving recurrence relations and Mathematical inductions.	PO1	AP	10	1	NA
CO 5	Demonstrate knowledge of fundamental concepts in graph theory that includes properties of trees and prefix codes.	PO1	U	10	1	NA
Total Hours of instruction				50	5	