

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

Name of the Subject : Data Structure

Subject Code : CS302PC

Year/Sem : II-I

Regulation : R18

CO1	Understand the concept of ADT.
CO2	Ability to select the data structures that efficiently model the information in a problem.
CO3	Ability to assess efficiency trade-offs among different data structure implementations or combinations.
CO4	Implement and know the application of algorithms for sorting and pattern matching.
CO5	Design programs using a variety of data structures, including hash tables, binary and general tree structures, search trees, tries, heaps, graphs, and AVL-trees.

Mapping Matrix of CO's and PO's:

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	P10	P11	P12	PSO1	PSO2
CO1	X	X	X	X	X			X	X	X	X	X	X	X
CO2	X	X	X	X	X			X	X	X	X	X	X	X
CO3	X	X	X	X	X			X	X	X	X	X	X	X
CO4	X	X	X	X	X			X	X	X	X	X	X	X
CO5	X	X	X	X	X			X	X	X	X	X	X	X

Course
Coordinator

Program
Coordinator

HOD