

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

Name of the Subject : Data Structures Lab

Subject Code : CS307PC

Year/Sem : II-I

Regulation : R18

CO1	Appreciate the importance of structure and Abstract data type, and their basic usability in different applications.
CO2	Able to implement linear and non-linear data structures using linked lists.
CO3	Able to understand and apply various data structures such as stacks, queues, trees, graphs etc. to solve various computing problems.
CO4	Able to implement various kinds of searching and sorting techniques, and decide when to choose which technique.
CO5	Able to identify and use a suitable data structure and algorithm to solve a real world problem.

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	
CO2	X		X										X	
CO3	X		X	X									X	
CO4	X	X	X	X									X	X
CO5			X	X									X	X

Course
Coordinator

Program
Coordinator

HOD