

BLACK DIAMOND SCHOOL OF ENGINEERING, JHARSUGUDA

LESSON PLAN

Session (2023 -2024)

Discipline: Computer Science & Engineering	Semester: 3rd Winter/2023	Name of the faculty: JUGESH BESAN Email Id: jugeshbesan2016@gmail.com
Subject: Data Structure Lab Using C (Pr-1)	No. of Days/week: 02 (2 periods / Day)	Start Date: 01/08/2023 End Date: 30/11/2023

Week	Class Day	Practical Topics
1 st	1st	Implementation of 1D Array
	2nd	Implementation of 2D Array
2 nd	1st	Revision/Assessment
	2nd	Implementation of Stack
3 rd	1st	Implementation of Stack (contd..)
	2nd	Revision/Assessment
4 th	1st	Pointer and its application.
	2nd	Revision/Assessment
5 th	1st	Programs on Structure & Union
	2nd	Revision/Assessment
6 th	1st	Implementation of insertion in Stack
	2nd	Implementation of deletion in Stack
7 th	1st	Revision/Assessment
	2nd	Implementation of insertion in Queue
8 th	1st	Implementation of deletion in Queue

	2nd	Revision/Assessment
9 th	1st	Implementation of insertion in Linked list
	2nd	Implementation of insertion in Linked list (contd...)
10 th	1st	Implementation of deletion in Linked list
	2nd	Implementation of deletion in Linked list (contd...)
11 th	1st	Revision/Assessment
	2nd	Implementation of Bubble sort
12 th	1st	Implementation of Quick sort
	2nd	Revision/Assessment
13 th	1st	Implementation of Binary tree traversal
	2nd	Implementation of Binary tree traversal(contd..)
14 th	1st	Implementation of Linear search
	2nd	Implementation of Binary search
15 th	1st	Revision/Assessment
	2nd	Revision/Assessment