BLACK DIAMOND SCHOOL OF ENGINEERING, JHARSUGUDA

LESSON PLAN

Session (2022 -2023)

Discipline: Computer Science & Engineering	Semester: 3rd Winter/2022	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: 14/09//2022 End Date: 21/01/2023

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

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