

PNS SCHOOL OF ENGG. & TECH., MARSHAGHAI

DEPARTMENT OF COMPUTER SCIENCE ENGINEERING LESSON PLAN

BRANCH : CSE	SEMESTER : 3RD	NAME OF THE TEACHING FACULTY : MR. BISWARANJAN SWAIN
SUBJECT : DATA STRUCTURE LAB	NO. OF DAYS PER WEEK CLASS ALLOTTED : 02	SEMESTER FROM DATE: 01.08.2023 TO 30.11.2023
WEEK	CLASS DAY	LAB EXPERIMENTS
1 ST	1 st	Review of if, else if program
	2 nd	For loop example, Switch case example
2 ND	1 st	While, do while loop example
	2 nd	Function program
3 RD	1 st	Function program
	2 nd	Insertion at certain position of the array
4 TH	1 st	Insertion at the end of the array
	2 nd	Deletion at certain position of the array
5 TH	1 st	Deletion at the end of the array
	2 nd	Implementation of 2D array
6 TH	1 st	Pointer and its Application
	2 nd	Implementation of Structure
7 TH	1 st	Implementation of Union
	2 nd	Insertion in a Stack
8 TH	1 st	Deletion in a Stack
	2 nd	Implementation in a Queue
9 TH	1 st	Deletion from a Queue
	2 nd	Insertion in a Linked list
10 TH	1 st	Deletion from a Linked list
	2 nd	Implementation of Bubble Sort
11 TH	1 st	Implementation of Quick Sort
	2 nd	Implementation of Binary tree traversal (Inorder)
12 TH	1 st	Pre-order traversal, Post-order traversal
	2 nd	Implementation of Binary search

Biswaranjan Swain

SIGNATURE OF H.O.D

Biswaranjan Swain

SIGNATURE OF LECTURER

