

PNS SCHOOL OF ENGG. & TECH., MARSHAGHAI,KENDRAPARA

Branch:Computer Science & Engineering	SEMESTER : 3rd	NAME OF TEACHING FACULTY : Er. Jyotsnamayee Biswal
Subject: Programming with C++ Lab	NO. OF DAYS/ WEEK :02	Start Date : 14.07.25 date 15.11.2025 End
Week	Class Day	Practical Topics
1st	1st	Familiarization with C++ programming environment (Editor, Compiler, etc.)
	2nd	Programs using I/O statements and various operators in C++
2nd	1st	Programs using C++ decision-making statements and branching statements
	2nd	Programs using C++ decision-making statements and branching statements
3rd	1st	Programs using loop statements in C++
	2nd	Programs using loop statements in C++
4th	1st	Programs to demonstrate applications of n-dimensional arrays in C++
	2nd	Programs to demonstrate applications of n-dimensional arrays in C++
5th	1st	Programs to demonstrate use of string manipulation functions in C++
	2nd	Programs to demonstrate use of string manipulation functions in C++
6th	1st	Programs to demonstrate use of string manipulation functions in C++
	2nd	Programs to demonstrate parameter passing mechanism in C++
7th	1st	Programs to demonstrate parameter passing mechanism in C++
	2nd	Programs in C++ to demonstrate recursion
8th	1st	Programs in C++ to demonstrate recursion
	2nd	Programs in C++ to demonstrate use of pointers
9th	1st	Programs in C++ to demonstrate use of pointers
	2nd	Programs in C++ to demonstrate use of pointers
10th	1st	Programs in C++ to demonstrate class, object, constructor, destructor.
	2nd	Programs in C++ to demonstrate class, object, constructor, destructor.

11th	1st	Programs in C++ to demonstrate class, object, constructor, destructor.
	2nd	Programs in C++ to demonstrate function overloading,operator overloading.
12th	1st	Programs in C++ to demonstrate function overloading,operator overloading.
	2nd	Programs in C++ to demonstrate function overloading,operator overloading.
13th	1st	Programs in C++ to demonstrate function overloading,operator overloading.
	2nd	Programs in C++ to demonstrate function overloading,operator overloading.
14th	1st	
	2nd	Programs in C++ to demonstrate dynamic memory allocation,file operations
15th	1st	Programs in C++ to demonstrate dynamic memory allocation,file operations
	2nd	Programs in C++ to demonstrate dynamic memory allocation,file operations

Biswaranjan Swain

Signature of HOD

Jyotsnamayee Biswal

Signature of Lecture