

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

<b>Branch: Computer Science &amp; Engineering</b>	<b>SEMESTER : 3rd</b>	<b>NAME OF TEACHING FACULTY : Er. Jyotsnamayee Biswal</b>	
<b>Subject: Programming with C++ Lab</b>	<b>NO. OF DAYS/ WEEK : 02</b>	<b>Start Date : 14.07.25 date 15.11.2025</b>	<b>End</b>
<b>Week</b>	<b>Class Day</b>	<b>Practical Topics</b>	
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

*Biswarajin Swain*

Signature of HOD

*Syotsnamayee Biswal*

Signature of Lecture