



SYNERGY SCHOOL OF ENGINEERING
DEPARTMENT OF COMPUTER SCIENCE ENGINEERING
Lesson Plan of C++ Lab

Discipline : CSE	Semester: 3rd Sem	Name of the teaching faculty: - Ms. Aparna Priyadarshini		
Subject: - PWC++ Lab	No. of Days/week class Allotted: 4	No. of weeks: -15 SESSION-2026-27 WINTER		
No. of week	No. of lab class	Topic to be Taught	DATE OF DELIVERY	
			G1	G2
1 st	1 st	Familiarization with C++ programming environment		
	2 nd	Familiarization with C++ programming environment		
2 nd	1 st	Programs using I/O statements and various operators in C++		
	2 nd	Programs using I/O statements and various operators in C++		
3 rd	1 st	Programs using C++ expression evaluation and precedence		
	2 nd	Programs using C++ expression evaluation and precedence		
4 th	1 st	Programs using C++ decision making statements		
	2 nd	Programs using C++ decision making statements		
5 th	1 st	Programs using loop statements in C++		
	2 nd	Programs using loop statements in C++		
6 th	1 st	Programs to demonstrate applications of n-dimensional array		
	2 nd	Programs to demonstrate applications of n-dimensional array		
7 th	1 st	Programs to demonstrate use of string manipulation functions in C++		
	2 nd	Programs to demonstrate use of string manipulation functions in C++		
8 th	1 st	Programs to demonstrate parameter passing mechanism in C++		
	2 nd	Programs to demonstrate parameter passing mechanism in C++		
9 th	1 st	Programs in C++ to demonstrate recursion		
	2 nd	Programs in C++ to demonstrate recursion		
10 th	1 st	Programs in C++ to demonstrate use of pointers		
	2 nd	Programs in C++ to demonstrate use of pointers		
11 th	1 st	Programs in C++ to demonstrate class		
	2 nd	Programs in C++ to demonstrate class		
12 th	1 st	Programs in C++ to demonstrate class		
	2 nd	Programs in C++ to demonstrate class		
13 th	1 st	Programs in C++ to demonstrate function overloading		
	2 nd	Programs in C++ to demonstrate function overloading		
14 th	1 st	Programs in C++ to demonstrate function overloading		
	2 nd	Programs in C++ to demonstrate function overloading		
15 th	1 st	Programs in C++ to demonstrate dynamic memory allocation		
	2 nd	Programs in C++ to demonstrate dynamic memory allocation		

Aparna M
Prepared by: 2/6/26

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