

LESSON PLAN

SUB: PROGRAMMING WITH C++ LAB
BRANCH:- COMPUTER SCIENCE& ENGG.

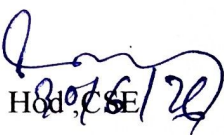
SEMESTER:3rd

NAME OF FACULTY: MONALISA SETHI (GF in CSE)



GOVERNMENT POLYTECHNIC, BHADRAK

SESSION: 2026-27


Hod, CSE


Academic Co-ordinator
Academic Co-ordinator


principal
Govt. Polytechnic, Bhadrak

DEPARTMENT OF COMPUTER SCIENCE & ENGG.,

Discipline: Computer Science & Engineering	Semester: 3rd.	Name of the Faculty: Miss-Monalisa Sethi Email ID: monalisa147@gmail.com
Subject: Programming With C++ Lab	No. of Days/week: 04	Start of Date: 01/07/2026 End of Date: 05/11/2027

Week	Class Day	Practical Topics
1 st	1 st	Familiarization with C++ programming environment
	2 nd	Familiarization with C++ programming environment
2 nd	1 st	Programming using, I/O statements & various operators in C++
	2 nd	Programming using, I/O statements & various operators in C++
3 rd	1 st	Programming using C++ expression evaluation & precedence
	2 nd	Programming using C++ expression evaluation & precedence
4 th	1 st	Programming using C++ decision-making statements & branching statements
	2 nd	Programming using C++ decision-making statements & branching statements
5 th	1 st	Programming using loop statements in C++
	2 nd	Programming using loop statements in C++
6 th	1 st	Programming to demonstrate applications of n-dimensional arrays in C++
	2 nd	Programming to demonstrate applications of n-dimensional arrays in C++
7 th	1 st	Programming to demonstrate use of string manipulation function in C++
	2 nd	Programming to demonstrate use of string manipulation function in C++
8 th	1 st	Programming to demonstrate parameter passing mechanism C++
	2 nd	Programming to demonstrate parameter passing mechanism C++
9 th	1 st	Programming to demonstrate recursion in C++
	2 nd	Programming to demonstrate recursion in C++

10 th		Programming to demonstrate use of pointer in C++
		Programming to demonstrate use of pointer in C++
11 th		Programming to demonstrate class, object, constructor, destructor in C++
		Programming to demonstrate class, object, constructor, destructor in C++
12 th		Programming to demonstrate class, object, constructor, destructor in C++
		Programming to demonstrate class, object, constructor, destructor in C++
13 th		Programming to demonstrate function overloading, operator overloading in C++
		Programming to demonstrate function overloading, operator overloading in C++
14 th		Programming to demonstrate function overloading, operator overloading in C++
		Programming to demonstrate dynamic memory allocation in C++
15 th		Programming to demonstrate dynamic memory allocation in C++
		Programming to demonstrate dynamic memory allocation in C++

Monalisa Sethi
Signature of faculty