



B.P. Poddar Institute of Management and Technology
Department of Information Technology
Academic Year: 2018-2019 [Odd Semester]

Course Name: Programming Practices Using C++ (IT594F)

List of Experiments

S. No	List of Programs	CO	POs	PSO
1	Write a C++ Program to implement variables and methods of a class.	CO1	PO1	PSO2
2	Write C++ programs to implement inheritance.	CO2, CO3	PO1, PO2, PO3	PSO2
3	Write C++ programs to implement compile time polymorphism.	CO3	PO1, PO2, PO3	PSO2
4	Write C++ program to implement run time polymorphism.	CO3	PO1, PO2, PO3	PSO2
5	Write C++ program to implement constructor & destructor.	CO2, CO3	PO1, PO2	PSO2
6	Write C++ programs to implement file handling in C++.	CO5	PO1, PO2, PO3, PO4	PSO2
7	Write C++ programs to implement Operator Overloading.	CO4, CO3	PO1, PO2, PO3, PO4	PSO2
8	Write C++ programs to implement pointer.	CO4	PO1, PO2, PO3, PO4	PSO2
9	Write C++ programs to implement virtual class.	CO3, CO4	PO1, PO2, PO3, PO4	PSO2
10	Write C++ programs to illustrate access modifiers- public, private, protected and default.	CO2	PO1, PO2, PO3, PO4.	PSO2
11	a) Write a C++ program to implement constructor overloading. b) Create a program to implement a stack data structure to store integer data types, defining suitable member	CO2, CO3	PO1, PO2, PO3, PO4, PO5	PSO2
12	Write a program to implement template class and exception handling.	CO3, CO5	PO1, PO2, PO3, PO4.	PSO2
13	Write a C++ program to illustrate dynamic memory allocation.	CO2	PO1, PO2, PO3, PO4.	PSO2
14	Write a C++ program to print a linked-list in reverse order.	CO2	PO1, PO2, PO3, PO4.	PSO2
15	Write a C++ program to implement abstract class.	CO3	PO1, PO2, PO3, PO4.	PSO2
16	Design a C++ program for String Searching with wildcards.	CO5	PO1, PO2, PO3, PO4.	PSO2
17	Write a C++ Program to implement Structure and Union.	CO2	PO1, PO2, PO3, PO4.	PSO2