

LessonPlan

Name of Faculty : Sonam, Assistant Professor of CSE Department
Discipline : Computer Science and Engineering
Sem : 3rd (Odd)
Subject : OOPS using C++ Lab (PC/CSE/32-P)
Lesson Plan Duration : 15 weeks (from August-December-2024)
Work Load (Lecture/Practical) per week (in hours): Lectures-(04 hours of G-1st to G-3)

Week	Theory/Practical	
	Practical Day	Topics/Programs
1 st	1	A CPP using static data member and member function to record the occurrence of entire object
2 nd	2	A CPP to calculate square and cube of a number using inline function.
3 rd	3	A CPP to find the area of a rectangle, a triangle and surface area of a sphere using function overloading.
4 th	4	A CPP to overload unary and binary operator using friend function.
5 th	5	A CPP to use Multiple Constructor in a class for displaying complex value.
6 th	6	Viva – Voice 1 st
7 th		
8 th	7	A CPP to display roll number, marks obtained of student in two subject and total score of students using virtual base class.
9 th	8	A CPP to implement multiple inheritance for multiplication of two number.
10 th	9	A CPP using constructor in derived class to initialize alpha, beta and gamma and display corresponding value
11 th	10	Doubt session/ revision above topics
12 th	11	A CPP to implement run time polymorphism.
13 th	12	A CPP for invoking that regenerate exception, rethrow exception, have multiple catch block.
14 th		
15 th	13	Viva Voice