

**DIRECTORATE OF DISTANCE EDUCATION
ALAGAPPA UNIVERSITY, KARAİKUDI**

**INTERNAL ASSESSMENT
(Academic Year 2018-19 On wards)**

Programme Code	130
Programme Name	B.Sc (Computer Science)

**II SEMESTER
ASSIGNMENT/PRACTICAL QUESTIONS**

Paper Code : 13023	Maximum Marks: 25
Paper Title : Object Oriented Programming and C++	
<ol style="list-style-type: none">1. What are the differences between object-oriented programming paradigm and procedural programming paradigm?2. Write a detailed note on constructors with default arguments.3. Discuss in detail the various types of inheritances with examples.4. Write a program to demonstrate the concept of function template with multiple parameters.5. Write a program to demonstrate the conventional error handling mechanism.	

Paper Code : 13024	Maximum Marks: 25
Paper Title : Lab – Object Oriented Programming and C++	
<ol style="list-style-type: none">1. Write a program to find out the product of two matrices.2. Write a program to demonstrate the multilevel inheritance.3. Write a program that overloads the + operator and relational operators (suitable) to perform the following operations:<ol style="list-style-type: none">a) Concatenation of two strings.b) Comparison of two strings.4. Write a program to read and write on a binary file.5. Write a program to demonstrate exception handling in constructor and destructor.	