DCS-402 OOP"s with C++

Detailed Syllabus

Unit-1 History of C++. Basic concept of OOPs-Objects, Classes, Object. Difference between C , C++ & Java.

Unit-2 Encapsulation, Data Abstraction, Inheritance, Polymorphism.

Unit-3 Structure of a C++ program, Comments, Variables, Identifiers, Data types. Declaration of variables, Initialization of variables, Constants.

Unit-4 Operator and control structures, Types of Operators. Priority of Operators. ArraysInitializing arrays, Strings.

Unit-5 Classes and objects- Introduction to class, Class Definition, Classes and Objects, Access specifiers – Private, Public and Protected. Member functions of the class. Constructor and destructor.