

## Object-Oriented Programming With C++

Code: MCA205

**CREDITS: 4**

Basics of Object Oriented programming and software design

C++ object-oriented programming, C++ & ANSI standard C, Predefined classes in C++  
Building objects with classes, Defining operations on objects, Using Inheritance in C++  
+, Virtual functions and Polymorphism

Function overloading, Operator Overloading

Constructor, Constructor overloading, Destructor, Friend Function.

Overview of File Handling, streams

Advanced Topics in C++ - Overview of Template (Class & Functions).

Exception Handling.