Course Title : Object Oriented Programming

Learning outcomes:

On completion of this course unit, the student should be able to:

* describe the principles of object-oriented programming
* discuss the advantages of object-oriented approach

design, develop, test and debug object oriented computer programs

develop GUI using an object oriented programming language

develop object oriented software applications with database connectivity

Course content:

Principles of Object Oriented Programming (OOP), classes and objects, Information hiding and encapsulation, Inheritance, Polymorphism, static and dynamic binding, Interfaces and Abstract classes, Exception Handling, GUI Components, Generic Classes and Methods, Accessing Databases with JDBC, Multithreading