

ELECTIVE COURSE IV – INTERNET PROGRAMMING

Objectives :

To impart sound knowledge in Object Oriented Programming and Programming skills in JAVA.

Unit I

Object Oriented Fundamentals – Class: Objects – Reference Variables – Constructors – Methods - ‘this’ Keyword – Wrapper Classes – Static and Abstract Classes – Exception Handling.

Unit II

Inheritance: Super Class – Sub Class – ‘super’ Keyword – method overriding – Private, Public and Protected – Packages – Interfaces – Final and Finalize – string Handling.

Unit III

GUI : AWT Components – Layout – Event Model – Graphics.

Unit IV

Applets – Applet tags in HTML – Thread – Multithreads – Stream I/O and Files.

Unit V

Servlets – JDBC – Networking.

Books for Study:

1. C.Muthu, “Programming with JAVA”, Vijay Nicole Imprints Pvt. Ltd.

Books for Reference :

1. Patrik Naughton, “Java Hand Book”, Tata McGraw Hill, New Delhi, 1996.
2. Patrik Naughton, Herbert Schildt, “Java 2 – The Complete Reference”, Tata McGraw Hill, New Delhi, 1999.