

CORE COURSE – IV - JAVA PROGRAMMING

UNIT – I

Object Oriented Fundamentals - Class: Objects - Reference Variable - 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 - Threads - Multithreads - Stream I/O and files.

UNIT – V

Servlets - JDBC – Networking

BOOK(S)FOR STUDY

1. Patrick Naughton , "JAVA Hand Book", Tata-McGraw Hill, NewDelhi, 1996.

BOOK(S)FOR REFERENCE

1. Patrick Naughton and Herbert Schildt, "JAVA 2 - The Complete Reference", Tata-McGraw-Hill, New Delhi, 1999.