**Outline: Internet Programming(IT)**

**Code: IT-308**

**Objectives:**

**Introduction:** Introduction: Introduction to course, introduction to HTML, text formatting, HTML tables and forms, introduction to cascading style sheets, introduction to client-side scripting, functions, arrays and event handling in java script, introduction to java, classes, packages and interfaces, java exception handling and multithreading. I/O operations, concepts of streams, developing graphical user interface using java, java event handling, communicating with databases(JDBC), introduction to client/server architecture, concept of sockets, different ways of client server communication, introduction to distributed computing, Remote method invocation, introduction to java applets, introduction to server-side programming, introduction to java servlets, concept of data persistency, introduction to java server pages, introduction to java beans.

**Prerequisites**

Object Oriented Programming

**Text Book**

Java 2, How to Program, Deitel, Deitel & Neito.

**Reference Books**

* Java 2 Complete Reference
* Core Servlets and Java Server Pages
* Java Network Programming (oreilly series)
* Professional JSP (by wrox series)