Code	Subject Title	Cr. Hrs	Semester
IT-308	Internet Programming (IT)	3	VI

Year	Discipline		
3	Information Technology		

Objectives

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)