



RCETSCC02 – JSP

Course outcomes:

- learn the Internet Programming, using Java Applets
- create dynamic web pages, using Servlets and JSP.
- learn the Internet Programming, using Java Applets
- learn to Implement an interactive Web application using HTML forms and JSP.

Syllabus:

UNIT I

Introduction

The Role of JSP -Why build web pages dynamically- Basic Servlet structure-A Servlet package-A Servlet that generate plain text, A Servlet that generate HTML text-The Servlet life cycle-Servlet debugging-Core Servlets and Java Server Pages

UNIT II

Handling Client Request: Form DATA, Cookies and session tracking

Reading Form Data from Servlet-Benefits of cookies and Some problem with cookies-Sending and receiving cookies-Using cooking to detect first time visitors,- The need for session tracking, Session tracking basics, Session tracking API,- A Servlets that shows per client access counts

UNIT III

Overview of JSP Technology

The JSP page directives-The Need and benefits of JSP-Basic syntax od JSP-Invoking Java code from JSP, Using JSP Expression-Using Scriptlets to make parts of the JSP page conditional-Generating Excel Spreadsheet-The session attribute-The isEL Ignored attribute

Reference Text Books

1. JSP 2.0: The Complete Reference, Second Edition Paperback