

VEER NARMAD SOUTH GUJARAT UNIVERSITY, SURAT
M.Sc. (I.T.) [Five Years Integrated Course]
M.Sc. (Information Technology)
2nd Semester Syllabus

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Paper No : 801

Paper Title : Web Application Development Techniques – I. (JSP)

[L : 4, P : 0 Hrs]

1. Introduction

1.1 JSP Advantages

1.2 Comparing JSP with ASP

2. JSP Architecture

3. JSP Access Models

4. JSP Syntax Basics

4.1. Directives

4.1.1. Page Directive

4.1.2. Include Directive

4.2. Declarations

4.3. Expressions

4.4. Scriptlets

4.5. Comments

5. Object Scopes

6. JSP Implicit Objects

7. Synchronization Issues

8. Exception Handling

9. Session Management

10. Standard Actions

10.1. Using JavaBean Components

10.2. Forwarding Requests

10.2.1. Request Chaining

10.3. Including Requests

Main Readings:

1. JavaServer Pages – Hans Bergsten – O'Reilly
2. JavaServer Pages – Larne Pekowsky – Addison-Wesley

Supplementary Readings:

1. Programming Java Server Pages & Servlets – Er V K Jain
2. Instant Java Server Pages – Paul Tremblett