

7310**4 BCA 5 (A)****DYNAMIC WEB PAGE DESIGNING WITH ASP****UNIT-I**

VBScript Basics, Embedding VBScript in HTML, VBScript to Display Information, Hiding VBScript from Older Browsers, Code Documentation and Formatting, Defining and using Variables, Subtypes, and Constants, single and multi Dimensional Arrays, VBScript Procedures, Program Control statements and Structure, Strings, Numbers, Dates and Times functions.

UNIT-II

Active Server Pages - Introduction & Benefits of ASP, Introduction to Web Server, PWS & IIS, Working with objects, Using the Response Object - Buffering, Cache, Write, Flush, End, Redirect etc. Using the Request object - Querystring & Form collection, Retrieving form Data, Working with Cookies in ASP

UNIT-III

Application and Session Objects, Global.asa file, Client-Side Form Validation, The FileSystemObject and the TextStream Object. Working with the file system, Reading and Writing to a File, Working with Drives and Folders.

UNIT-IV

Using Databases - Introduction to the ActiveX Data Objects Model (ADO), Connecting to a Database, Displaying Records, Creating Dynamic Dropdown Menus and Option Groups, Filtering Records with SQL WHERE Clauses and Wildcards, Adding, Updating, and Deleting Records, Working with Recordsets - Retrieving a Recordset, Recordset Cursor and Locking Types, Advanced Methods and Properties of the Recordset Object.

7310**UNIT-V**

Generating Dynamic Content From the Server - Detecting Browser Properties, Using the Content Rotator Component, The Content Linking Component, The Command Object and the Parameters Collection, Creating a Data Browser, Paging Through Rows in a Recordset, Case Study on creating a Job Site.

TEXTS & REFERENCE BOOKS :

- **Active Server Pages 2.0 (Unleashed)** by Stephen Walther : *Techmedia*
- **Tech yourself ASP 3.0 in 21 days** by Scott Mitchell, James Atkinson: *Techmedia (1st edition 2000)*
- **Mastering Active Server Pages 3.0** by Russell Jones: *BPB (1ST EDI2000)*
- **ASP 3 Programming Bible** by Eric A.Smith: *IDG Books (reprint 2001)*