

WEB PROGRAMMING

Unit -I

The origins of ASP -ASP connection with IIS -Set-up Issues and Management - ASP object model in overview -Handling Request and Response: Client Server, interaction - The ASP Request and Response Objects -Working with Form and Query String Collections -Using Cookies and Server Variables -Other Request and Response Techniques.

UNIT -II

ASP Applications and Sessions: Managing the state on the web -The ASP Application and Session Objects -Server Process and the ASP Server Object: Server - side processing in Dynamic Pages -Server Side Includes -The ASP Server Object - Scripting Objects: Creating Instances of Objects and Components, Scripting. Dictionary, Scripting. File system, Scripting, Text Stream Objects.

UNIT -III

Active Server Components: Content Linking Components -The Ado Rotator Component -Counter Component -Browser Capabilities Component -Content Rotator Component - Page Counter Component -Permission Checker Component -My Info Component - Tools Component -Logging Utility Component -Debugging and Error Handling: Different Kinds of Errors -Preventing Errors -Handling Errors -Finding and Curing Errors -Debugging.

UNIT -IV

ADO 2.5 Basics -The ADO 2.5 Object Model -Connecting to Data Stores - Record Sets - Managing Errors -The Connection Object -Command Object - Optimization -ASP and Data on Client: Disconnected Record Sets -Remote Data Service -Data transfer between the server and the client -Record set paging -Working with XML data: Extensible Mark Up Language -XML in ADO and 1E5 -Styling with XSL .

UNIT-V

Universal Data Access: OLEDB Providers -Semi Structured Data -Enterprise Data - ASP in the Enterprise -Distributed Application Architecture -Component - Component Application Design -Application Design Case Study -COM: COM Development tools - Interfaces -COM+ runtime changes -Building an ASP COM Component -COM+ Applications: Microsoft Component Services -Apartment and Threading Models -COM+ Applications -Component Service and Debugging -ASP Script Components: Windows Script Component -Structure of WSC -Available Interfaces -Writing ASP Script Component.

TEXTBOOKS

1. Alex Homer, Dave Sussman, Brian Francis, "Professional Active Server Pages", Alex Homer, Dave Sussman, Brian Francis -Wrox Press -Shroff Publishers and Distributors – 1999.
2. Saini A.K & Sumit Tuli, "Mastering XML",Excel Books.