

COURSE OUTLINES

Developing interactive Web Pages (JavaScript)

- Introduction to JavaScript
 - Getting Started with JavaScript
 - Client-Side and Server Side Application
 - Java Script In a Browser
 - JavaScript on a Web Server
 - Comparing JavaScript with other Scripting
 - Specifying JavaScript Version
 - Integrating JavaScript Version
 - Adding Comments
 - Hiding Script Using Comments Tags
 - <NOSCRIPT> and </NOSCRIPT> tags
 - The <SCRIPT>tag's "SRC" Attributes
 - Using JavaScript Entitles
 - Variables
 - Type Casting
 - Conversion Functions

- Programming Constructs and Functions
 - Arrays
 - Operators
 - JavaScript Statements
 - Functions
 - Events
 - Event Handlers in JavaScript
 - Link Events
 - Body Events
 - Image Events
 - Events Associated with other HTML Elements

- Event Handling and JavaScript Object
 - JavaScript Object Model
 - Browser Object
 - The Window Object
 - The Document Object
 - The History Object
 - The Navigator Object

- The location Object
 - Discuss various JavaScript Predefined Objects
 - Create an Array Object and apply its method
 - Create a String Object and apply its method
 - Create a Date Object and apply its method
- Predefined JavaScript Objects
 - Create a Boolean Object and apply its method
 - Create a Function Object and apply its method
 - Use the Math and Global Objects
 - Create a user-defined object and add properties methods to the object
 - The Image Object
 - Handle exceptions
 - Form object elements.
 - The List properties and methods
 - The form array of the document object
 - The element array of form object