

## CSE326:INTERNET PROGRAMMING LABORATORY

L:0 T:0 P:3 Credits:2

**Course Outcomes:** Through this course students should be able to

CO1 :: Recognize the components, tools, sturcture and tags of HTML, CSS and Javascript.

CO2 :: Paraphrase the effect of various HTML, CSS tags, properties and combination of them for web page design.

CO3 :: Apply HTML, CSS and Javascript technologies according to user requirements and observe the output of the web page design.

CO4 :: Analyze output of web page after application of different components of HTML, CSS and Javascript as per required in the website development.

CO5 :: Assess the effectiveness of selected components of HTML, CSS and javascript with desired properties and values for the concerned web based product.

CO6 :: Construct a project with desired and verified selection of advance components and features of HTML,CSS and Javascript.

### Unit I

**Exposure To HTML** : HTML document structure, Working with HTML basic elements like title, head, body, Working with Root and Metadata, Script and NonScript, Horizontal Rules and line breaks and paragraph, working with citation, quotation, definitions and comments, Types of Tags in HTML

### Unit II

**Working with Text, Links, Images , URLS, Multimedia and Interactive in HTML** : Formatting text with HTML physical style elements, Formatting text with HTML logical style elements, Creating links with anchor tag, Multimedia- audio,video tags and attributes like controls, autoplay and loop, Working with images in a web page

### Unit III

**Cascading Style Sheets** : CSS selectors like type, id, class, Introduction To CSS and types of CSS, CSS properties-text controlling and text formatting, CSS Box Model- Padding, Margin, Border, Div and Span Tag in CSS, Working with background Images

### Unit IV

**Working with Tables** : Working With Tables-Colspan and Rowspan, applying css on tables, creating hoverable tables

**Working with Forms** : Working with Forms- action attribute, get and post methods, Form Elements and Controls Like Text Inputs, TextArea, Buttons, CheckBoxes, Dropdown Boxes, Radio Buttons, Select and File Select, applying css on all controls of forms

**CSS Grids and Webpage Layouts** : Grid introduction, Grid container, Grid Item, Creating different layouts for webpage

### Unit V

**JavaScript Application Development** : Incorporating JavaScript in the HEAD and BODY element, Using an External JavaScript file, Using variables and operators, Using control statements such as if...else, switch, break and continue, Using looping statements such as while, do...while, for, Using Popup boxes such as Alert, Confirm, and Prompt, Working with JavaScript Objects,Properties and Methods

**JavaScript Functions,Events and Validation** : Working with Functions-Using function arguments and return statement, Working with JavaScript Events like Form Based, Keyboard Based and Mouse Based, JavaScript Form Validation

### Unit VI

**Javascript DOM** : DOM introduction, DOM methods, DOM document, DOM elements, DOM HTML, DOM CSS, DOM Events

### Text Books:

1. HTML 5 COVERS CSS3, JAVASCRIPT,XML,XHTML,AJAX by KOSENT LEARNING, DREAMTECH PRESS

### References:

1. WEB ENABLED COMMERCIAL APPLICATION DEVELOPMENT USING HTML, DHTML,JAVASCRIPT, DHTML AND PHP by IVAN BAYROSS, BPB PUBLICATIONS
2. BEGINNING HTML, XHTML, CSS AND JAVASCRIPT by JON DICKETT, WILEY

