

**SES's L. S. RAHEJA COLLEGE OF ARTS AND COMMERCE
(AUTONOMOUS)**



**Syllabus of Introduction to Web Designing under NEP 2020 vertical -
SEC with effect from 2024-25**

Department of Information Technology and Data Science

HoD/Sr. Person of the Department: Prajakta Joshi

Date of approval by the BoS: 27/04/2024

Approved by the Academic Council: 29/04/2024

Ratified by the Governing Body on: 06/05/2024



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| Programme: Bachelor of Arts in Multimedia and Mass Communication | | | | Semester: I | |
| Course : Introduction to Web Designing Academic Year: 2024-2025 Batch: 2024-2027 | | | | Code: UGBAMMCISEC224 | |
| Teaching Scheme | | | Evaluation Scheme | | |
| Lectures | Practical | Tutorials | Credits | Internal Continuous Assessment (ICA) | Term End Examinations (TEE) |
| 30 | Nil | Nil | 2 | 20 marks | 30 marks |

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|------------------------------|---|
| Learning Objectives : | <ol style="list-style-type: none"> 1. Comprehend different HTML elements that can be used to develop static web pages. 2. Become familiar with concept of style sheets and various CSS effects. 3. Design interactive webpages using client-side script (JavaScript). 4. To study and implement various JavaScript Document Object Model. 5. To study events in web pages using JavaScript. |
| Learning Outcomes : | <ol style="list-style-type: none"> 1. Gain an insight into designing web pages. 2. Use different ways of styling web pages using CSS. 3. To implement basic and complex functionalities of JavaScript in a web page. 4. To implement JavaScript Document object. 5. To implement event handling in a web page. |
| Pedagogy: | Experiential learning, problem-based learning, peer learning, designing and implementation |

Each lecture session would be of one hour duration (30 sessions).

| Module | Module Content | Module Wise Pedagogy Used | Module Wise Duration |
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| I | <p>Basics of Web Designing: How to design a website, Create different themes for various layouts, various techniques and tools of web design, How to create and design banners, advertisements, How to design the look and feel of a website</p> <p>HTML5: Introduction, Formatting Text by using Tags, Using Lists, Creating Hyperlinks and Bookmarks, Redirecting to another URL.</p> <p>HTML Media, Tables and Forms:</p> | Experiential learning, problem-based learning, peer learning, designing and implementation | 15 |

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| | <p>Embedding Images, Creating Image Map, iframe, Embedding audio and video on web page.</p> <p>Creating Simple Table, Table Dimension, Merging Table Cells, Formatting Tables:</p> <p>Applying Borders, Background and Foreground fills, Changing Cell Padding, Spacing and Alignment</p> <p>Collecting user input with HTML Forms and additional Input Types in HTML5.</p> | | |
| II | <p>CSS:</p> <p>Implementing Styles using CSS – Types of Stylesheets, Formatting Text and Links using CSS, CSS Selectors</p> <p>JavaScript:</p> <p>Introduction, JavaScript Variables and Constants, Data Types, Statements, Comments, Functions, Variable Scope, JavaScript Objects, Dialog Boxes</p> <p>Statements: Conditional Statements – if else, switch, Loops – while, do while, for</p> <p>Events and Event Handlers: HTML Events, onAbort, onBlur, onChange, onClick, onDbClick, onKeyDown, onKeyPress, onKeyUp, onLoad, onMouseDown, onMouseMove, onMouseOut, onMouseOver, onMouseUp, onReset, onResize, onSelect, onSubmit, onUnload</p> <p>Adobe Dreamweaver: Understanding Sites and pages, Creating a new Site using HTML, CSS and Javascript, Defining page properties, Previewing pages in a web browser, Creating hyperlinks, Inserting images, Linking images, Editing images, Optimizing images, Updating images</p> | <p>Experiential learning, problem-based learning, peer learning, designing and implementation</p> | 15 |

REFERENCE BOOKS

1. Thomas A. Powell, The Complete Reference HTML & CSS, McGrawHill
2. Faithe Wempen, Step by Step HTML5, Microsoft Press
3. Jennifer Niederst Robbins, Learning Web Design A Beginner's Guide to Html, CSS, JavaScript, And Web, O'Reilly
4. West Ray, Dreamweaver Mx: The Complete Reference, MCGRAW-HILL