

102044505 – Web Development

MID Semester Examination Syllabus, Semester V, AY-2022-23, CVM University

--	<ul style="list-style-type: none">- History of WWW, the legacy of internet, Browser architecture, Client Server Concept,- Introduction to HTTP and HTTPS protocols, Website and Web Portals, examples of- static and dynamic websites, types of servers and frameworks, Introduction to- Servers like WAMP, XAMP.- Fundamentals of Web Designing, understanding look and feel of a website from user's- perspective, types of websites, User Interface and Experience, standard layouts,- navigations, sitemaps.
HTML	<ul style="list-style-type: none">- Elements- Attributes- Headings, Paragraph- Formatting elements like ,<i> etc.- Quotation, Comments- HTML colors- Links – Anchor and Bookmarks- HTML image- Tables- List, Block and Inline elements- HTML semantic elements- Meta element- HTML symbols- Character entities- HTML Emoji- HTML form, form elements, input types, input attributes, HTMLinput form attributes- HTML video, audio, plugin, how to play youtube video in HTML
CSS	<ul style="list-style-type: none">- How to write CSS- Where to add CSS- Selectors: simple (element, id, class etc.), combinators, pseudo-class, pseudo-element, attribute selectors- Background properties

	<ul style="list-style-type: none"> - Box model, Padding, margin, border properties - CSS fonts properties, CSS Text properties - CSS link properties, CSS List properties - CSS tables - Display, position, Z-index, float properties - Max-width, overflow, opacity - CSS units – absolute (px, pt), relative (% , em, vw) - CSS rounded border, border image, gradient, shadow - CSS 2D and 3D transformations - Transition and Animations - CSS variables - Box-sizing, Media queries - Flexbox, CSS grid (display: grid and other relevant properties) - Responsive Web – Viewport, Gridview, images, templates
JavaScript	<ul style="list-style-type: none"> - Introduction and Application - Types of JavaScript - Methods of Using JavaScript - Variable and Literals - Variable Scope - Operators - Datatype Conversions - Let and Const Keywords - Controls and Looping - Strict Keyword - Functions - Arrow Function - Callback Function - Pop-Up Boxes - Arrays - Objects - Document Object Model (DOM) - DOM Objects - DOM Selectors - Event Handlings - How to access Form Data - Regular Expression - JSON Data Types