

# IT BIDDA

## Course Content of Web Design

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### HTML (Part-1)

Lecture 1	<p><b><u>Basic Fundamental &amp; Environment Setup:</u></b></p> <ul style="list-style-type: none"><li>• Basic knowledge about World Wide Web , HTTP ,HTTPS</li><li>• Discussion about Front-End development</li><li>• Install and learn usage of VS code Editor</li></ul> <p><b><u>HTML Basic Part 1:</u></b></p> <ul style="list-style-type: none"><li>• What is HTML5</li><li>• Basic structure of an HTML document</li><li>• Creating an HTML document</li></ul>
Lecture 2	<p><b><u>HTML Basic Part 2:</u></b></p> <ul style="list-style-type: none"><li>• HTML elements, attributes, headings, paragraph, styles, formatting, quotations, comments, colors, css, links, style guide</li></ul>

Lecture 3	<b><u>HTML Part 3:</u></b> <ul style="list-style-type: none"> <li>HTML images, tables, lists, block &amp; inline, classes &amp; id, file paths, layout, head</li> </ul>
Lecture 4	<b><u>HTML Part 4:</u></b> <ul style="list-style-type: none"> <li>HTML forms, attributes, elements, input types, input attributes, input form attributes</li> <li>HTML media, video, audio, youtube</li> </ul>

## CSS(Part-2)

Lecture 5	<b><u>Introduction to CSS:</u></b> <ul style="list-style-type: none"> <li>General knowledge of CSS</li> <li>Types of CSS</li> </ul> <b><u>CSS Basic Part-1:</u></b> <ul style="list-style-type: none"> <li>CSS syntax, selectors, comments, colors, backgrounds, borders, margin, padding, height/width, box model, text, fonts, lists</li> </ul>
Lecture 6	<b><u>CSS Basic Part 2:</u></b> <ul style="list-style-type: none"> <li>HTML elements, attributes, headings, paragraph, styles, formatting, quotations, comments, colors, css, links, style guide</li> </ul>

Lecture 7	<b><u>CSS Basic Part 3:</u></b> <ul style="list-style-type: none"> <li>• CSS table, display, maxwidth, position, overflow, float, inline-block, align, combinators, opacity, navigation bar, dropdowns, website layout</li> </ul>
Lecture 8	<b><u>Advanced CSS:</u></b> <ul style="list-style-type: none"> <li>• CSS rounded corners, backgrounds, shadows, gradients, transitions, pagination, grid</li> </ul> <b><u>CSS Responsive:</u></b> <ul style="list-style-type: none"> <li>• RDW viewport, grid view, media queries, flexbox</li> </ul>

### **Bootstrap 4 (Part-3): (Portfolio project)**

Lecture 9	<b><u>Introduction to Bootstrap:</u></b> <ul style="list-style-type: none"> <li>• Basic knowledge of Bootstrap</li> <li>• Needs of Bootstrap</li> <li>• Bootstrap version</li> </ul> <b><u>Bootstrap Basic Part-1:</u></b> <ul style="list-style-type: none"> <li>• Getting started</li> <li>• Layout</li> <li>• Grid system</li> <li>• Typography</li> <li>• Images</li> <li>• Tables</li> <li>• Border</li> <li>• Buttons</li> </ul>
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Lecture 10	<b><u>Project part 1:</u></b> <ul style="list-style-type: none"><li>• Navbar</li><li>• Navs</li><li>• Dropdowns</li><li>• Button</li><li>• Button group</li></ul>
Lecture 11	<b><u>Project part 2:</u></b> <ul style="list-style-type: none"><li>• Card</li><li>• Carousel</li><li>• List group</li><li>• pagination</li></ul>



## JavaScript(Part-4)

Lecture 12 , 13 & 14	<b><u>JavaScript Basic:</u></b> <ul style="list-style-type: none"><li>• Language Fundamental: Statements ,Variables &amp; data types ,Operators , Conditionals , Loops , Switch ,Functions.</li></ul>
Lecture 15 & 16	<b><u>JavaScript Objects &amp; DOM:</u></b> <ul style="list-style-type: none"><li>• JavaScript Object , Array , String , Date , Math ,Boolean.</li><li>• DOM Intro , Methods ,Document ,Elements ,HTML , CSS, Events ,Event listener.</li></ul>
Lecture 17 & 18	<b><u>JavaScript OOP, Event Handling &amp;Form Validation:</u></b> <ul style="list-style-type: none"><li>• JavaScript Class, Object ,Prototype, Constructor Method ,Encapsulation, Inheritance, Polymorphism, Abstraction.</li><li>• JavaScript addEventListener, onclick event, onload event, onresize event.</li><li>• JavaScript form validation.</li></ul>

## WordPress (Part – 5)

Lecture 19 & 20	<b><u>WordPress for Web Page Template Design:</u></b> <ul style="list-style-type: none"><li>• Introducing WordPress</li><li>• Building your own WordPress Website</li><li>• Getting and Installing WordPress</li><li>• The WP Admin Panel</li><li>• Creating Blog Content</li><li>• Pages, Media and Importing/Exporting Content</li><li>• Plugins – What and Why</li></ul>
	<b><u>Project:</u></b> <p>Each of the students should complete the WD project separately on the basis of real life problem.</p>

