

## Certificate Course in Web Designing

### Detailed Curriculum

<b>Name of Unit of Qualification</b>	:	Introduction
<b>Duration</b>	:	10 Hours
<b>Topics</b>	:	Internet, ISP, Client-Server Model, Browsers, Website

<b>Performance Criteria (OUTCOME) No.</b>	<b>Contents</b>	<b>Hrs.</b>
1. To understand how internet works	What is Internet, ISP, Client-Server Model What is Website and how does it works, Working with Browsers, Understanding Web Page Designs, Identifying Pages with a Purpose	10

<b>Name of Unit of Qualification</b>	:	HTML
<b>Duration</b>	:	30 Hours
<b>Topics</b>	:	HTML 4, HTML 5

<b>Performance Criteria (OUTCOME) No.</b>	<b>Contents</b>	<b>Hrs.</b>
2.To understand how to use HTML elements to insert media elements to webpage	HTML: What is HTML, HTML Editors, Elements, Attributes, Text formatting, Lists, Links, Tables, Forms, Frames, Linking Images HTML 5 Introduction, HTML5 New Elements: Section, Nav, Article, Aside, Audio Tag, Video Tag, HTML5 Form Validations: Require Attribute, Pattern Attribute, Autofocus Attribute, email, Number type, Date type , Range type, HTML embed multimedia, HTML Layout, HTML Iframe	30

<b>Name of Unit of Qualification</b>	:	CSS
<b>Duration</b>	:	30 Hours
<b>Topics</b>	:	Introduction, CSS Styling, CSS Box model, CSS Advanced

<b>Performance Criteria (OUTCOME) No.</b>	<b>Contents</b>	<b>Hrs.</b>
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3. To understand the use of CSS to arrange the layout and styling of a webpage	<b>Introduction:</b> Syntax, CSS selectors, Where to, How to <b>CSS Styling:</b> Background, Text, Font, Links, List, Tables <b>CSS Box model:</b> Border, Outline, Margin, Padding <b>CSS Advanced:</b> Dimension, Positioning, Floating, Align, Pseudo-classes, Navigation bar, Image opacity	20
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<b>Name of Unit of Qualification</b>	:	JavaScript
<b>Duration</b>	:	20 Hours
<b>Topics</b>	:	Introduction to JavaScript, Data type, variables, keyword, Loops, Conditional statements, functions

<b>Performance Criteria (OUTCOME) No.</b>	<b>Contents</b>	<b>Hrs.</b>
4. Develop dynamic webpages using JavaScript	Introduction to JavaScript, Environment Setup, How to add JavaScript in an HTML document, Working with multiple Inline and External JavaScript, Keywords and Identifiers, Variables, Data Type, Comments, Operators, Conditional statements, Loops, functions	20

<b>Name of Unit of Qualification</b>	:	Soft Skills <ul style="list-style-type: none"> <li>• Verbal/ Non-verbal communication</li> <li>• Interview skills</li> <li>• Professional/social etiquettes</li> <li>• Professional correspondence/ English</li> </ul>
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