

Training Schedule

Web Development (660)

(Theory 40 hrs, Practical- 80 hrs)

S.No	Schedule	Topic Name	Instructions to the trainer (Theory)	Instructions to the trainer (Practical)	Learning Outcomes
1	Day 1	Working on documents (2 hrs (Th) + 3 hrs (Pr))	<ul style="list-style-type: none">• Explain what is Open source software and its purpose	<ul style="list-style-type: none">• Create and save text documents and demonstrate it to learners• format and print documents and demonstrate it to learners	<ul style="list-style-type: none">• create a text document
2	Day 2	Working on spreadsheets and presentation (2 hrs (Th) + 3 hrs (Pr))	<ul style="list-style-type: none">• Describe the purpose spreadsheet and presentation softwares• Explain formulas and functions in spreadsheet	<ul style="list-style-type: none">• Use spreadsheet for analysis and calculations and explain the steps used• Use basic inbuilt functions and explain the steps• Make presentations using Impress with animation and transition effects and make learners to do a presentation on any topic	<ul style="list-style-type: none">• Use spreadsheet and presentation software
3	Day 1	Creating and saving HTML (1 hr (Th) + 4 hrs (Pr))	<ul style="list-style-type: none">• Explain what is HTML and its purpose• Create HTML Document using simple tags and show it to learners	<ul style="list-style-type: none">• Give more examples using HTML tags and show their output• Ask them to visit some of the institution / company's website.• Observe the website and	<ul style="list-style-type: none">• Create simple web page using HTML tags with images and hyperlinks

				<p>record the look and feel and record of that website in statements.</p> <ul style="list-style-type: none"> • Ask learners to mention the name of tags were used • Use graphics in web page • Work with links 	
4	Day 2	Advanced HTML (1 hr (Th) + 4 hrs (Pr))	<ul style="list-style-type: none"> • Explain what is CSS • Types of CSS 	<ul style="list-style-type: none"> • Applying CSS -- Adding colors, adding fonts, adding a navigation bar, styling the links, putting the style sheet in a separate file 	<ul style="list-style-type: none"> • Apply CSS to a HTML document
5	Day 1	Introduction to multimedia Macromedia Flash (2 hrs (Th) + 3 hrs (Pr))	<ul style="list-style-type: none"> • List out components of a multimedia package • Describe usage of Usage of multimedia in different fields • Explore features of multimedia system • Explain the steps to start Flash 	<ul style="list-style-type: none"> • List components of flash window • Draw tools in Flash 	<ul style="list-style-type: none"> • Create simple flash document and use drawing tools
6	Day 2	Macromedia Flash (2 hrs (Th) + 3 hrs (Pr))	<ul style="list-style-type: none"> • Explain the tools used for selection 	<ul style="list-style-type: none"> • Create frame by frame animation 	<ul style="list-style-type: none"> • Create Flash document using Frame by frame animation
7	Day 1	Dreamweaver (2 hrs (Th) + 3 hrs (Pr))	<ul style="list-style-type: none"> • Explain the purpose of Adobe Dreamweaver 	<ul style="list-style-type: none"> • Create a web page • Format a webpage 	<ul style="list-style-type: none"> • Create a webpage using Dreamweaver software
8	Day 2	Dreamweaver (2 hrs (Th) + 3 hrs (Pr))	<ul style="list-style-type: none"> • Manipulate graphics and image objects in webpage 	<ul style="list-style-type: none"> • Create a web form • Create a new project 	<ul style="list-style-type: none"> • Create new project using Dreamweaver software
9	Day 1	Webhosting and legal aspects (2 hrs (Th) + 3	<ul style="list-style-type: none"> • Explain what is webhosting • Types of webhosting 	<ul style="list-style-type: none"> • List of website policies 	<ul style="list-style-type: none"> • Host your website

		hrs (Pr)			
10	Day 2	Introduction to Universal Accessibility (4 hrs (Th) + 1 hr (Pr))	<ul style="list-style-type: none"> • What is disability? • Types of disabilities • Explain what is Accessibility, web accessibility guidelines 	<ul style="list-style-type: none"> • Create a web page by following the accessibility guidelines 	<ul style="list-style-type: none"> • Use accessibility guidelines while designing web pages
11	Day 1	Workplace practices (3 hrs (Th) + 2 hrs (Pr))	<ul style="list-style-type: none"> • Communication skills • Copyright 	<ul style="list-style-type: none"> • Practice to follow / use Work ethics 	<ul style="list-style-type: none"> • Follow work ethics at workplaces
12	Day 2	Advanced HTML (2 hrs (Th) + 3 hrs (Pr))	<ul style="list-style-type: none"> • Explain how to create tables and nested tables in HTML. • Create tables with rowspan and colspan attribute 	<ul style="list-style-type: none"> • Create tables and nested tables • Use rowspan and colspan in table and create different tables and show their output in browser 	<ul style="list-style-type: none"> • Create different tables using HTML tags and make the attractive webpage
13	Day 1	Advanced HTML (2 hrs (Th) + 3 hrs (Pr))	<ul style="list-style-type: none"> • Explain the purpose of form and steps to create form 	<ul style="list-style-type: none"> • Create forms • Create accessible forms and accessible links 	<ul style="list-style-type: none"> • Create accessible form using HTML tags
14	Day 2	Scripting (2 hrs (Th) + 3 hrs (Pr))	<ul style="list-style-type: none"> • Explain what is scripting • Use conditional and loop statements 	<ul style="list-style-type: none"> • Create functions • Handle events • Create form validation in JavaScript 	<ul style="list-style-type: none"> • Create static / dynamic webpages
15	Day 1	Photoshop (2 hrs (Th) + 3 hrs (Pr))	<ul style="list-style-type: none"> • Purpose of layers • List of selection tools 	<ul style="list-style-type: none"> • Create new document • Use of palettes • Crop the picture using crop command • Resize digital images • Optimise graphics for web 	<ul style="list-style-type: none"> • Edit images / pictures using Photoshop software
16	Day 2	Overview of W3C standards (3 hrs (Th) + 2	<ul style="list-style-type: none"> • Brief history of W3C • W3C standards for HTML and XML • Unicode and its significance 	<ul style="list-style-type: none"> • Use testing tools for websites 	<ul style="list-style-type: none"> • Validate and check code by using testing tools

		hrs (Pr))	<ul style="list-style-type: none"> List of protocols Tips for web development 		
17	Day 1	Analysis, design and testing of web based applications (3 hrs (Th) + 2 hrs (Pr))	<ul style="list-style-type: none"> Analysis of web based application Designing a web based application Testing Quality of service 	<ul style="list-style-type: none"> Do proper analysis before designing your application Design your web page 	<ul style="list-style-type: none"> Test web pages for - user friendliness / performance / functionality / compatibility
18	Day 2	Safety and Security (3 hrs (Th) + 2 hrs (Pr))	<ul style="list-style-type: none"> Explain what is breach Types of breaches Cyber security IT Act 2000 	<ul style="list-style-type: none"> Report breaches 	<ul style="list-style-type: none"> Secure a website
19	Day 1	Case Practice 1 (0 hr (Th) + 5 hrs (Pr))	<ul style="list-style-type: none"> Take the case practice 1 given in practical manual booklet 	<ul style="list-style-type: none"> Collect the related images Edit the required images as per your requirement Resize the images or compress the images for web publishing Create an animation for home page 	<ul style="list-style-type: none"> Create an attractive webpage
20	Day 2	Case Practice 1 (0 hr (Th) + 5 hrs (Pr))		<ul style="list-style-type: none"> Write content for the web pages Create a website 	<ul style="list-style-type: none"> Create website and check all the webpages are linked
21	Day 1	Case Practice 2 (0 hr (Th) + 5 hrs (Pr))	<ul style="list-style-type: none"> Take the case practice 2 given in practical manual booklet 	<ul style="list-style-type: none"> Collect the related images Write the code to design a user friendly website Provide all the necessary information like ambulance service details, 24 hour help line number in the website 	<ul style="list-style-type: none"> Create an eye-catching website
22	Day 2	Case study 2		<ul style="list-style-type: none"> Create 	<ul style="list-style-type: none"> Create a

		(0 hr (Th) + 5 hrs (Pr))		registration form for online appointments <ul style="list-style-type: none"> • Test the pages you have designed 	registration form and test the form
23	Day 1	Project (0 hr (Th) + 5 hrs (Pr))		<ul style="list-style-type: none"> • Create a website (sample project has given in Practical Manual) 	<ul style="list-style-type: none"> • Create a good-looking website
24	Day 2	Project (0 hr (Th) + 5 hrs (Pr))		<ul style="list-style-type: none"> • Create a website and test the pages 	<ul style="list-style-type: none"> • Create a website and test the code using tools