



# C. U. SHAH UNIVERSITY

## Wadhwan City

**FACULTY OF:** Computer Science

**DEPARTMENT OF:** Bachelor of Computer Application

**SEMESTER :** II

**CODE:**4CS02BWS1

**NAME:**Website Designing

### Teaching and Evaluation Scheme

Sr. No	Subject Code	Subject Name	Teaching Hours/Week				Credits	Evaluation Scheme/Semester							
			Th	Tu	Pr	Total		Theory				Practical			Total Marks
								Sessional Exam		University Exam		Internal		Uni.	
								Marks	Hrs	Marks	Hrs	Pr	TW	Pr	
4	4CS02BWS1	Website Designing	4	-	-	4	4	30	1.5	70	3	-	-	-	100

**Objectives:**

This course is covering the development of web-site development. It will cover end-to-end development, including the clientside development. Topics include design of a web site and web pages, Hypertext Mark-up Language (HTML), style sheets, scripting languages, dynamic web pages.

**Pre-requisites:** No prior knowledge required to develop a system.

**Course Outline:**

Sr No.	Chapter Name	Contents	Lect. Hours
1	HTML Revision	1.1 HTML Page Structure 1.2 HTML Formatting Tags 1.3 HTML Table tags 1.4 HTML image, link tags 1.5 HTML Frames 1.6 HTML Forms	5
2	CSS	1.1 Introduction 1.2 CSS Style sheet 1.3 CSS selector 1.4 Types of style sheets 1.5 CSS background Property 1.6 CSS text Property	5
3	CSS	3.1 CSS font Property 3.2 CSS border Property 3.3 CSS outline Property 3.4 CSS margin Property 3.5 CSS padding Property 3.6 CSS list Property 3.7 CSS table Property 3.8 CSS link Property 3.9 CSS dimension	8

		3.10 CSS display and visibility 3.11 CSS positioning	
4	JavaScript	4.1 Introduction 4.2 Client and Server Side Scripting Language 4.3 How to add script to pages 4.4 Comments in Javascript 4.5 Syntax 4.6 Output 4.7 Variables 4.8 Datatypes in Javascript 4.9 Javascript operators	6
5	Javascript Programming Constructs	5.1 Dialogue Boxes in Javascript 5.2 Conditional Statements 5.3 Looping 5.4 User Defined Functions 5.5 Javascript array 5.6 User Define Objects 5.7 Built in objects 5.7.1 string object 5.7.2 date object 5.7.3 array objet 5.7.4 math object	6
6	JavaScript Events	6.1 onabort 6.2 onclick 6.3 ondblclick 6.4 onblur 6.5 onfocus 6.6 onchange 6.7 onkeydown 6.8 onkeyup 6.9 onkeypress 6.10 onmousemove 6.11 onmousedown 6.12 onmouseout 6.13onmouseover 6.14onmouseup 6.15onsubmit 6.16onreset 6.17onselect 6.18onload 6.19onresize 6.20 Timer events 6.20.1 setInterval 6.20.2 clearInterval 6.20.3 setTimeout 6.20.4 clearTimeout	10
7	The Document Object Model	7.1 Accessing values using dot notation 7.2 The document Object 7.3 The forms object 7.4 Window Object 7.5 Frames Object 7.6 Navigator object 7.7 Frame Object	5

8	JQuery Basic	8.1 Introduction to JQuery 8.2 Obtaining/Accessing the jQuery Library 8.3 JQuery Syntax 8.4 JQuery Selector 8.5 JQuery Events 8.6 JQuery Effects(hide, show, fade, slide, 8.7 animate,stop, Callback, chaining) 8.8 JQuery HTML 8.9 JQueryget,set, add, remove, CSS classes 8.10 Dimenstions	10
		<b>Total</b>	<b>55</b>

### Teaching Methodology:

Revision, Paper Solving, Seminar, Expert Talk, MCQ Quiz, Viva Test, Programming Test

#### Text Books:


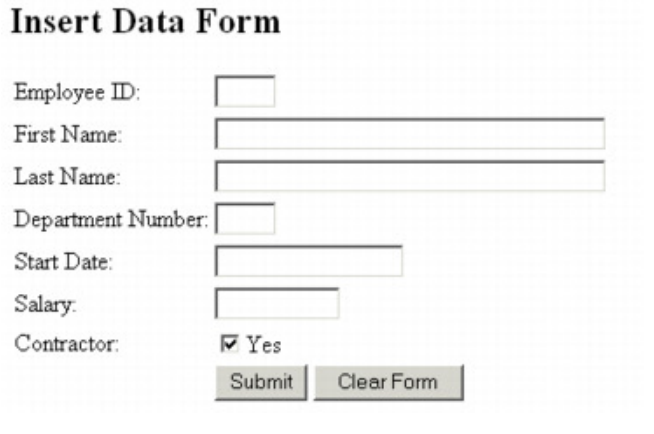
1. Beginning Web Programming with HTML, XHTML, and CSS by Jon DuckettWrox, Publication, ISBN-13 9788126525515
2. Beginning HTML and CSS – By Rob Larsen Wrox Publication, ISBN- 978-81-265-4174-3

#### Reference Books

1. World wide web design with HTML by CXavier, Tata McGraw - Hill Education, ISBN-13 9780074639719
2. Html &Css: The Complete Reference 5th Edition by Thomas A. Powell, Tata Mcgraw Hill Education Private Limited
3. The ABCs of Javascript Lee Purcell, Mary Jane Mara  
John Wiley & Sons (1 January 1997) ISBN: 81-7029-8261
4. Learning Javascript Ramesh BangiaKhanna Publications

## Program List Chapter 1 HTML REVISION

Sr. No	Definition	Output															
	Write an HTML code to display the following output.	<p><b>Subjects of Sem-2</b></p> <ol style="list-style-type: none"> <li>1. CS</li> <li>2. WSL               <ul style="list-style-type: none"> <li>○ HTML</li> <li>○ DHTML</li> <li>○ CSS</li> <li>○ Javascript</li> <li>○ XML</li> </ul> </li> <li>3. DS</li> <li>4. Maths</li> <li>5. SAD</li> </ol>															
	Write an HTML code to display the following output.	<table border="1" style="width: 100%; text-align: center;"> <tr> <td style="width: 50%;">Roll No</td> <td style="width: 50%;">Name</td> </tr> <tr> <td>01</td> <td>ABC</td> </tr> <tr> <td>02</td> <td>BCA</td> </tr> </table>	Roll No	Name	01	ABC	02	BCA									
Roll No	Name																
01	ABC																
02	BCA																
3	Write an HTML code to display the following output.	<table border="1" style="width: 100%; text-align: center;"> <tr> <td style="width: 33%;">1</td> <td style="width: 33%;">2</td> <td style="width: 33%;">3</td> </tr> <tr> <td>4</td> <td>5</td> <td>6</td> </tr> <tr> <td>7</td> <td>8</td> <td>9</td> </tr> </table>	1	2	3	4	5	6	7	8	9						
1	2	3															
4	5	6															
7	8	9															
4	Write an HTML code to display the following output	<table border="1" style="width: 100%; text-align: center;"> <tr> <td style="width: 16.6%;">1</td> <td style="width: 16.6%;">4</td> <td style="width: 16.6%;">6</td> <td style="width: 16.6%;">8</td> <td style="width: 16.6%;">11</td> </tr> <tr> <td>2</td> <td>5</td> <td>7</td> <td>9</td> <td>12</td> </tr> <tr> <td>3</td> <td>10</td> <td>13</td> <td>14</td> <td></td> </tr> </table>	1	4	6	8	11	2	5	7	9	12	3	10	13	14	
1	4	6	8	11													
2	5	7	9	12													
3	10	13	14														


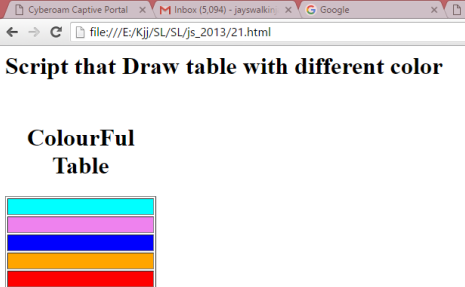
5	Write an HTML code to display the following output.	<table border="1"> <thead> <tr> <th rowspan="2">State Of Health</th> <th colspan="2">Fasting Value</th> <th rowspan="2">After Eating</th> </tr> <tr> <th>Maximum</th> <th>Maximum</th> </tr> </thead> <tbody> <tr> <td>Healthy</td> <td>70</td> <td>100</td> <td>Two Hrs After Eating</td> </tr> <tr> <td>Pre-Diabetes</td> <td>101</td> <td>126</td> <td>Less than 140</td> </tr> <tr> <td>Diabetes</td> <td>More than 216</td> <td>N/A</td> <td>More than 200</td> </tr> </tbody> </table>	State Of Health	Fasting Value		After Eating	Maximum	Maximum	Healthy	70	100	Two Hrs After Eating	Pre-Diabetes	101	126	Less than 140	Diabetes	More than 216	N/A	More than 200						
State Of Health	Fasting Value			After Eating																						
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Healthy	70	100	Two Hrs After Eating																							
Pre-Diabetes	101	126	Less than 140																							
Diabetes	More than 216	N/A	More than 200																							
6	Design following HTML form																									
7	Design following HTML form																									
8	Design following table in HTML	<table border="1"> <caption>Table1</caption> <thead> <tr> <th>BRAND</th> <th>Modelno</th> <th>Price</th> </tr> </thead> <tbody> <tr> <td rowspan="3">Hyundai</td> <td>I10</td> <td>5,00,000</td> </tr> <tr> <td>I20</td> <td>5,50,000</td> </tr> <tr> <td>VERNA</td> <td>9,00,000</td> </tr> <tr> <td rowspan="3">MARUTI</td> <td>RITZ</td> <td>4,00,000</td> </tr> <tr> <td>SWIFT DESIRE</td> <td>5,00,000</td> </tr> <tr> <td>WAGONR</td> <td>4,25,000</td> </tr> <tr> <td rowspan="3">TATA</td> <td>INDICA</td> <td>4,00,000</td> </tr> <tr> <td>INDIGO</td> <td>5,00,000</td> </tr> <tr> <td>SAFARI</td> <td>4,25,000</td> </tr> </tbody> </table>	BRAND	Modelno	Price	Hyundai	I10	5,00,000	I20	5,50,000	VERNA	9,00,000	MARUTI	RITZ	4,00,000	SWIFT DESIRE	5,00,000	WAGONR	4,25,000	TATA	INDICA	4,00,000	INDIGO	5,00,000	SAFARI	4,25,000
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	INDIGO	5,00,000																								
	SAFARI	4,25,000																								

9	Design following frame Structure in HTML	1.html	2.html 3.html	4.html	
10	Design following frame Structure in HTML	1.html 4.html 6.html	2.html	3.html 5.html 7.html	

**Program List CSS**

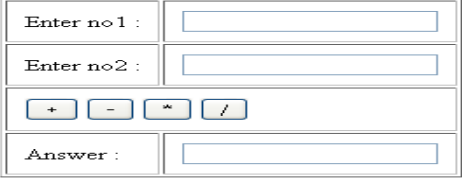

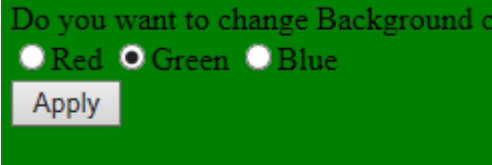

Sr.No	Definition	Output
1	Write a CSS code to display the following output	<p><b><u>This is heading 1</u></b></p> <p><b><u>This is heading 2</u></b></p> <p><b><u>This is heading 3</u></b></p>
2	Write a CSS code to display the following vertical menu.	<p>HOME</p> <p>NEWS</p> <p>CONTACT</p> <p>ABOUT</p>
3	Write a CSS code to display the following horizontal menu	<p>HOME      NEWS      CONT</p>
4	Write a CSS code to display the following CSS border property output.	<p>.....</p> <p>  This is some text in a paragraph.  </p> <p>.....</p> <p>.....</p> <p>  This is some text in a paragraph.  </p> <p>.....</p> <p>.....</p> <p>  This is some text in a paragraph.  </p> <p>.....</p> <p>.....</p> <p>  This is some text in a paragraph.  </p> <p>.....</p>
5	Write a CSS script that demonstrate CSS Table property	
6	Write a CSS script that demonstrate CSS background property	




## Program List JAVASCRIPT




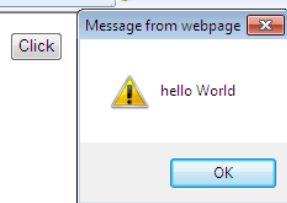



Sr. no	Definition	Output								
1	Write a script to print message on the screen	Use document.write()								
2	Write a script to print message from URL	Js execute direct from address bar								
3	Write a script to print message using alert message box									
4	Write a script to print octal, hexadecimal variable									
5	Write a script that print type of variable (Using typeof keyword)	<b>display variable type using typeof keyword</b> A is string B is number C is number D is boolean E is object F is undefined								
6	Write a script that change background color of document if we press ok button	Confirm dialogue box								
7	Write a script that display image if we press ok button	Confirm dialogue box								
8	Write a script that display Welcome + Username using prompt	Prompt dialogue box								
9	Write a script that enter your name and surname from prompt and display your Full NaME:	Name: kinjal Surname:Jayswal Your Full Name is KinjalJayswal								
10	Write a script that enter background color from prompt and change document background color.	Prompt dialogue box								
11	Write a script that check whether given number is odd or even	Prompt dialogue box								
12	Write a script that check whether given number is prime or not	Prompt dialogue box								
13	Write a script that check whether given number is positive, negative or zero	Using prompt and nested if-else condition								
14	Write a script that display day of date	<b>Today is : Monday</b>								
15	Write a script that display table using java script. Accept rows and columns from user	Table 1 <table border="1"> <tbody> <tr> <td>1</td> <td>2</td> <td>3</td> <td>4</td> </tr> <tr> <td>5</td> <td>6</td> <td>7</td> <td>8</td> </tr> </tbody> </table>	1	2	3	4	5	6	7	8
1	2	3	4							
5	6	7	8							
16	Write a script that enter row from user and display each row of table with different color.									



17	Write a script that display MARKSHEET of student Enter name, marks of 4 subjects from user using prompt or textbox	<p style="text-align: center;"><b>MARKSHEET</b></p> <table border="1"> <tr> <td>Name :-</td> <td>ABCA</td> </tr> <tr> <td>Semester :-</td> <td>3</td> </tr> <tr> <td>OS :-</td> <td>55</td> </tr> <tr> <td>C++ :-</td> <td>55</td> </tr> <tr> <td>WSL :-</td> <td>55</td> </tr> <tr> <td>VB :-</td> <td>55</td> </tr> <tr> <td>Total:-</td> <td>220</td> </tr> <tr> <td>Percentage :-</td> <td>55</td> </tr> <tr> <td>Result :-</td> <td>Second Class</td> </tr> </table>	Name :-	ABCA	Semester :-	3	OS :-	55	C++ :-	55	WSL :-	55	VB :-	55	Total:-	220	Percentage :-	55	Result :-	Second Class
Name :-	ABCA																			
Semester :-	3																			
OS :-	55																			
C++ :-	55																			
WSL :-	55																			
VB :-	55																			
Total:-	220																			
Percentage :-	55																			
Result :-	Second Class																			
18	Write a script that declare and print array elements	Array Example 1																		
19	Write a script that enter 5 city names from user and store them into array	Array Example 2																		
20	Write a script that print sum of array elements	Array Example 3																		
21	Write a script that search a number from array	Array Example 4																		
22	Write a script that find maximum and minimum number from array	Array Example 5																		
23	Write a script that print how many odd and even numbers in Array	Array Example 6																		
24	Write a script that print String in different format	String Object Methods																		
25	Write a script that print pyramid Enter String: KBSSC K KB KBS KBSS KBSSC	Use string object charAt() method and length property																		
26	Write a script that print reverse array	Using reverse array																		
27	Write a script that del first element from array	Use shift () method																		
28	Write a script that Insert element at beginning in array	Use Unshift () method																		
29																				
30	Write a script that print pyramid Enter String: KBSSC K KB KBS KBSS KBSSC	Use string object charAt() method and length property																		
31	Write a script that check whether given string is palindrome or not and also print reverse string	Use reverse method																		
32	Write a script that check whether given email id is valid or not	Enter email using textbox or prompt																		
33	Write a script that demonstrate all get Methods of Date object	Use Date Object's Methods																		
34	Write a script that display total number of form elements	Form Object's length property																		



35	Write a script that display all form Elements name and value	T1:aaa T2:bbb B1:ok
36	Write a script for calculator	
37	Write a script for max and minimum number	
38	Write a script for copy one textbox value to another text box by clicking on click button	<p>Enter Text and click on button to copy text</p> <p>Enter Text :- KBSSC</p> <p>Copy Text :- KBSSC</p> <p>copy</p>
39	Write a script for copy string using key up event	Example of add style to textbox
40	Write a javascript code to change the background color of the page using radio button	
41	Write a Javascript code for following arithmetic operation	<p>Enter Number :- 5</p> <p><input checked="" type="radio"/> Square <input type="radio"/> Quebe</p> <p>Answer :- 25</p>
42	Write a javascript code to display the selected hobbies when Display button is clicked.	<p>Select hobby : <input checked="" type="checkbox"/> Music <input type="checkbox"/> Travelling</p> <p>Display</p>
43	Write a script for following Restaurant menu	

44	Write a script for print selected text in text box	<p>change the option in list</p> <p>GOOGLE CROME <input type="text" value="GOOGLE CROME"/></p>								
45	Write a script that display image as select in combobox	<p>select Image</p> <p>1.jpg 2.jpg 3.jpg 4.jpg 5.jpg</p> 								
46	Write a script that display image galary	<p><b>Image Galary Example</b></p>  <p>&lt;&lt; &gt;&gt;</p>								
47	Write a Javascript code that change image as mouse over and out of image	Onmouseover and onmouseout event example								
48	Write a Javascript code for format menu	<p><b>Example of Format Menu</b></p> <p>change the option in list and display that text in text</p> <p>Enter Text :- <input type="text" value="K@SSC"/></p> <table border="1"> <thead> <tr> <th>Style</th> <th>Size</th> <th>Font Color</th> <th>Name</th> </tr> </thead> <tbody> <tr> <td><input checked="" type="checkbox"/> Bold <input checked="" type="checkbox"/> Italic <input checked="" type="checkbox"/> Underline</td> <td>20</td> <td>blue</td> <td>Monotyp</td> </tr> </tbody> </table>	Style	Size	Font Color	Name	<input checked="" type="checkbox"/> Bold <input checked="" type="checkbox"/> Italic <input checked="" type="checkbox"/> Underline	20	blue	Monotyp
Style	Size	Font Color	Name							
<input checked="" type="checkbox"/> Bold <input checked="" type="checkbox"/> Italic <input checked="" type="checkbox"/> Underline	20	blue	Monotyp							
49	Write a script that swap two images	 <p>Swap</p>								
50	Write a javascript code to perform the following output of window object.	<p>Resizeby(200,200)    ResizeTo(200,</p>								
51	Write a javascript code to perform counter using timer events	<p>start <input type="text" value="5"/> stop</p>								
52	Write a javascript code to display the clock using timer events	<p><b>Current Time is : 13 : 33 : 20</b></p>								
53	<p>Write a javascript code to perform the following validation.</p> <ul style="list-style-type: none"> <li>Name field contains only capital &amp; small alphabets and space.</li> <li>Both passwords must be same. If they are different, then display proper message and the focus shifts to Confirm password field.</li> </ul>	<table border="1"> <tr> <td>Enter name :</td> <td><input type="text"/></td> </tr> <tr> <td>Enter Password :</td> <td><input type="password"/></td> </tr> <tr> <td>Enter Confirm password :</td> <td><input type="password"/></td> </tr> <tr> <td colspan="2" style="text-align: center;"><input type="button" value="Display"/></td> </tr> </table>	Enter name :	<input type="text"/>	Enter Password :	<input type="password"/>	Enter Confirm password :	<input type="password"/>	<input type="button" value="Display"/>	
Enter name :	<input type="text"/>									
Enter Password :	<input type="password"/>									
Enter Confirm password :	<input type="password"/>									
<input type="button" value="Display"/>										

	<p>Write a javascript code to perform the following validation.</p> <ul style="list-style-type: none"> <li>Name field contains only capital &amp; small alphabets and space.</li> <li>Age field contains only digits( 0-9).</li> </ul>	
54	<p>Write a javascript code to perform the following validation</p> <ul style="list-style-type: none"> <li>Name field contains only capital &amp; small alphabets and space.</li> <li>Email id must be valid otherwise display appropriate message and focus shifts to the email id field.</li> </ul>	
	<p>Jquery Program List</p>	
55	<p>Write a program that hide all &lt;p&gt; elements by clicking on button.</p>	<p>I will disappear by clicking on button</p> <p>I will disappear too by clicking on button</p> <p><input type="button" value="click me"/></p>
56	<p>Write a program that hide and show image by clicking on button.</p>	
57	<p>Write a jquery program that display alert message on clicking a button</p>	
58	<p>Write a jquery program that change height and width of image</p>	
59	<p>Write a jquery program that demonstrate sliding effect with image</p>	<p>Click on any of the buttons</p> <p><input type="button" value="Slide Up"/> <input type="button" value="Slide Down"/></p> 
60	<p>Write a jquery program that demonstrate sliding effect with panel</p>	
61	<p>Write a jquery program that demonstrate fadeout effect</p>	<p><input type="button" value="Fade out all boxes"/></p> 
62	<p>Write a jquery program that demonstrate keyup and keydown event</p>	
63	<p>Write a jquery program that change background color of text box on blur and focus event</p>	<p>BCA</p> <p>BSCIT</p>

64	Write a jquery program that demonstrate chaining effect (make a program that change paragraph color will be read then silde up and then slide down	
65	Write a jquery program that start animation of div element which change its left property and opacity	
66	<p>Write a jquery program for animation as following</p>  <p>Output</p>	
67	Write a jquery program for following	