



SILVER OAK UNIVERSITY

School of Computer Application

Bachelor Computer Application

Subject Name: Basic of Web Designing

Subject Code:

Semester: 1st

Prerequisite: Basic of Computer and Internet

Objective:

To develop the skill about the basic and important terminology of Internet. To make the students able for web site design fundamentals using HTML scripting.

Teaching and Examination Scheme:

Teaching Scheme			Credits	Evaluation Scheme				Total Marks
L	T	P	C	Internal		External		
				Th	Pr	Th	Pr	
3	0	2	4	40	50	60	---	150

Content:

Unit No.	Course Contents	Teaching Hours	Weightage %
1	Getting Started With HTML : <ol style="list-style-type: none"> New Structure New Form Elements and Attributes Browser support <ol style="list-style-type: none"> Defining HTML Markup Basic structure of HTML Document The <!DOCTYPE html> Element The <HTML> Element The <head> Element The <title> Element The <Body> Element <ol style="list-style-type: none"> Modifying the background of an HTML webpage Adding Background color Adding Background Image <ol style="list-style-type: none"> Specifying Metadata about an HTML webpage Introduction to HTML 5 	8	20
2	Working with Text, and List tags: <ol style="list-style-type: none"> Adding a plain text to an HTML webpage Adding text in new line 	10	30

	3. Creating Headings on webpage 4. Creating a paragraph 5. Creating a Horizontal Rule 6. Creating a Subscript and Superscript 7. Aligning the Text 8. Formatting the Text 9. Grouping the Text 10. Indenting Quotations 11. Working with character entities 12. Commenting the Text 13. Working with Lists 13.1. Creating an Unordered List 13.2. Creating an Ordered List 13.3. Creating an Definition List 13.4. Nested Lists		
3	Working with Tables and Frames Tags 1. Working with Tables 1.1. Creating a Table 1.2. Specifying a caption to a Table 1.3. Adding a Table Headings 1.4. Setting the Table Borders 1.5. Aligning a Table and Cell content 1.6. Changing the background color of a Table 1.7. Setting a Cell Padding and Cell Spacing 1.8. Nesting Tables 2. Working with Frames 2.1. Creating a Frames 2.2. Defining new element specific attributes 2.3. Specifying width and height of the Frame Applying Hyperlink Target to a frame	8	20
4	Working with Hyperlinks, Images, Multimedia, Forms and Controls: 1. Working with Hyperlinks 1.1. Creating Hyperlinks 1.2. Setting hyperlink color 1.3. Linking Different sections of page 2. Working with Images 2.1. Inserting an Image on webpage 2.2. Display alternate text for an Image 2.3. Adding Border to an Image 2.4. Align an Image 2.5. Using Image as a Links 3. Creating Image Maps 4. Working with Multimedia 4.1. Embedding multimedia on web page 4.2. Handling Browser that do not support embedding	10	30

	4.3. Creating a link to a multimedia file 4.4. Using <object> tag insert objects 5. Creating an HTML Form 5.1. Specifying the Action URL and The method to send form 6. Adding Controls to an HTML Form 6.1. Using the<input> tag 6.2. Adding Text Area<textarea> 6.3. Adding Selection Control 7. Understanding new form elements 7.1. The <datalist> element 7.2. The <keygen>Element 8. Grouping the controls of HTML Form Specifying Label for a control		
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Course Outcome:

Sr. No.	CO statement	Unit No
CO-1	Understand the basic internet website and Web pages	1,2
CO-2	Understand the meaning and syntax of different tags of HTML.	2,3,4
CO-3	Learn how to design static web page.	3,4

Teaching & Learning Methodology:-

- The course includes a laboratory, where students have an opportunity to build an appreciation for the concepts being taught in lectures.
- Lectures with live practical example using Projector and Computer
- Experiments shall be performed in the laboratory related to course contents

List of Experiments/Tutorials:

No	Practical
1	Create and save simple HTML document & Modifying the background of HTML webpage with different colors.
2	Demonstrate use of subscript, super script, align tag and Format the text by using formatting tags like bold and italic.

3	Draw the table as given format <table><tr><td rowspan="4"></td><td></td><td></td></tr><tr><td></td><td></td></tr><tr><td></td><td></td></tr><tr><td></td><td></td></tr></table>									
3	Create web page using metadata & <! DOCTYPE html> tag.									
4	Create a Web page to display your resume.									
5	Show the use of all tags and attributes of ordered list and unordered list .									
6	Create webpage which shows the use of hyperlink.									
7	Show the use of all tags related to images.									
8	Create a webpage for online Jewellery shopping. Display Menu in left frame. Clicking on menu should display related webpage in right frame. Keep header and footer frames to display related information.									
9	Create web page for register online exam form filling process.									

Major Equipment:

1. Computer System
2. Projector

Books Recommended:-

1. World wide web Design with HTML(First Edition-2010). Publisher -Tata McGraw Hill By C Xavier.
2. Web Enabled commercial application development using HTML, JavaScript, DHTML and Php. Publisher-BPB Publication By Ivan Bayross.
3. The Complete Reference HTML and CSS (Fifth Edition). Publisher-McGraw Hill Education By Thomas A Powell.

List of Open Source Software/learning website:

1. HTML5 Introduction(https://www.w3schools.com/html/html5_intro.asp)
2. <https://www.udemy.com/>
3. <https://www.tutorialspoint.com/cprogramming>
4. NPTEL Tutorials