



C. U. SHAH UNIVERSITY, WADHWAN CITY.

Faculty of: **Computer Science**

Course: **Bachelor of Computer Applications**

Semester: **I**

Subject Code: **4CS01AWL1**

Subject Name: **Web Scripting Languages**

Sr. No	Branch Code	Subject Code	Subject Name	Teaching hours/ Week			Credit hours	Credit Points	Evaluation Scheme/ Semester								
				Th	Tu	Pr			Theory				Practical				Total
									Internal Assessment		End Semester Exams		Internal Assessment		End Semester Exams		
									Marks	Duration	Marks	Duration	Marks	Duration	Marks	Duration	
4	2	4CS01AWL1	Web Scripting Languages	4	--	4	8	6	15(SE)	1Hr.	70	2½ Hrs.	50(IP)	1 ½ Hrs.	--	--	200
									15(CE)				50(CE)				

AIM :

- This subject is aimed to develop a static web site.

COURSE CONTENTS

Unit I

5 Hrs

- HTML Introduction
- HTML tags
- HTML Formatting tags
- HTML images, Tables
- HTML List, Anchors
- HTML frame
- HTML forms

Unit II

15 Hrs.

- Introduction to CSS
- CSS Selector
- CSS Syntax
- Types of style sheet
- Id and class
- CSS background Property
- CSS text Property
- CSS font Property
- CSS border Property
- CSS list Property
- CSS table Property
- CSS link Property
- CSS dimension
- CSS display and visibility
- CSS positioning

Unit III

20 Hrs.

- Introduction to JavaScript
- Client and Server Side Scripting Language
- Characteristics of Java Script
- Syntax/<script>
- Output
- Variables
- Datatypes in Javascript
- Javascript operators
- Dialogue Boxes in Javascript
- Looping
- UDF
- User Defined Object
- Javascript array
- Predefined objects
- string object
- date object
- array objet
- math object
- JavaScript events (onabort, onclick, ondblclick, onblur, onfocus, onchange, onkeydown, onkeyup, onkeypress, onmousemove, onmousedown, onmouseout, onmouseover, onmouseup, onsubmit, onreset, onselect, onload, onunload, onresize)
- Timer events(setInterval, clearInterval, setTimeout, clearTimeout)
- JavaScript DOM
- Document object
- History object
- Navigator object
- Form object
- Window object
- Frame object

Unit IV

8 Hrs.

- Introduction to jQuery
- jQuery syntax
- Ready event
- jQuery selector
- jQuery events
- jQuery effects
- jQuery HTML
- jQuery traversing
- jQuery- AJAX introduction
- jQuery – AJAX methods

REFERENCE BOOKS:

1. Beginning Web Programming with HTML, XHTML, and CSS by Jon DuckettWrox, Publication, ISBN-13 9788126525515
2. World wide web design with HTML by CXavier, Tata McGraw - Hill Education, ISBN-13 9780074639719
3. Html &Css: The Complete Reference 5th Edition by Thomas A. Powell, Tata Mcgraw Hill Education Private Limited
4. Beginning JavaScript by Jeremy McPeak, Paul Wilton, Wiley Publisher
5. Beginning HTML and CSS – By Rob Larsen (Wrox Publication)

6. JavaScript and jQuery – By David Sawyer McFarland (O'REILLY Publication)

NPTEL COURSE (<https://nptel.ac.in/>):

1.

Course Link: