



C. U. SHAH UNIVERSITY, WADHWAN CITY.

Faculty of: **Computer Science**

Course: **Bachelor of Computer Applications**

Semester: **I**

Subject Code: **CAM201-1C**

Subject Name: **WEB TECHNOLOGIES**

Sr. No	Category	Subject Code	Subject Name	Teaching hours/Week			Credit hours	Credit Points	Evaluation Scheme/ Semester								Total
				Th	Tu	Pr			Theory				Practical				
									Continuous and Comprehensive Evaluation		End Semester Exams		Internal Assessment		End Semester Exams		
									Marks	Marks	Marks	Duration	Marks	Duration	Marks	Duration	
1	MAJOR-I	CAM201-1C	WEB TECHNOLOGIES	3	-	2	5	4	10	Assignment	50	2	25	1	-	-	100

Aim:

Student can able to understand about various html tags.
 Student can able to design web page using CSS and Java Script

• **Unit -1 : Introduction to HTML** **(5 Lectures)**

- [a] HTML introduction
- [b] History of HTML
- [c] HTML tags
- [d] HTML document structure
- [e] Document tags
- [f] Colors in HTML

• **Unit -2 : HTML tags** **(15 Lectures)**

- [a] Comment tag
- [b] Heading tags
- [c] Paragraph tag
- [d] Formatting tags
- [e] HTML images(, <are>, <map>)
- [f] HTML list (Ordered list, Unordered list, definition list)
- [g] HTML links and anchors (<a>, <base>, <link>)
- [h] HTML tables

[i] HTML frameset and frames

[j] HTML forms

[k] HTML entities

[l] HTML fonts

- **Unit -3 : Introduction to CSS**

(4 Lectures)

[a] Introduction to CSS

[b] CSS stylesheet

[c] CSS selectors

[d] Types of stylesheets

- **Unit -4 : CSS Properties**

(10 Lectures)

[a] Background properties

[b] Text properties

[c] Font properties

[d] Border properties

[e] List properties

[f] Table properties

[g] CSS link

[h] CSS dimension

[i] CSS display and visibility

[j] CSS positioning

[k] CSS float

- **Unit -5 : Javascript**

(11 Lectures)

[a] Introduction to JavaScript

[b] Client-side scripting language

[c] JavaScript variables

[d] Javascript functions,

[e] Conditional statements

[f] looping statements

[g] dialog boxes

[h] Objects in JavaScript

[g] Access/Manipulate web browser elements using DOM Structure

[h] JavaScript events

Arrangement of lectures duration and practical session as per defined credit numbers:

Units	Lecture Duration (In Hrs.)		Calculation of Credits (In Numbers)		Total Lecture Duration	Credit Calculation
	Theory	Practical	Theory	Practical	Theory + Practical	Theory + Practical
Unit -1	5	2	3	1	7	4
Unit -2	15	8			23	
Unit -3	4	2			6	
Unit -4	10	8			18	
Unit -5	11	10			21	
Total	45	30	3	1	75	4

Evaluation:

Theory Marks	Practical Marks	Total Marks
75	25	100

Reference Books:

1. "Web Enabled Commercial Applications development using... HTML, Javascript, DHTML and PHP" 4th edition By : Ivan Bayross (BPB Publication)
2. "World Wide Web design with HTML" By: C Xavier (Tata McGraw Hill Publishing Company.)
3. "Internet & Web development using HTML, DHTML and javascript" By : Soma dasgupta (Khanna Book Publication)