



# C. U. SHAH UNIVERSITY, WADHWAN CITY.

Faculty of: **Computer Science**

Course: **Bachelor of Science (Information Technology)**

Semester: **II**

Subject Code: **4CS02TCS1**

Subject Name: **CSS and JavaScript**

Sr. No	Branch Code	Subject Code	Subject Name	Teaching hours/Week			Credit hours	Credit Points	Evaluation Scheme/ Semester								Total
				Th	Tu	Pr			Theory				Practical				
									Internal Assessment		End Semester Exams		Internal Assessment		End Semester Exams		
									Marks	Duration	Marks	Duration	Marks	Duration	Marks	Duration	
2	2	4CS02TCS1	CSS and JavaScript	4	--	2	6	5	15 SE	1Hr.	70	2½ Hrs.	25 IP	1 Hr.	---	--	150

**AIM:**

- After completion of this course, student can develop a static web site.

## COURSE CONTENTS

- Unit I CSS** **06 Hrs.**
  - Introduction, 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 II JavaScript** **06 Hrs.**
  - Client and Server Side Scripting Language, Characteristics of Java Script
  - Syntax/<script>, Output, Variables, Datatypes in Javascript, Javascript operators
  - Dialogue Boxes in Javascript
  
- Unit III Objects** **08 Hrs.**
  - UDF, User Defined Object, Javascript array, Predefined objects,
  - string object, date object, array object, math object
  
- Unit IV Javascript Events** **10 Hrs.**
  - 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
  
- Unit V DOM** **06 Hrs.**
  - JavaScript DOM, Document object, History object, Navigator object,
  - Form object, Window object, Frame object
  
- Unit VI jQuery and AJAX** **08 Hrs.**
  - Introduction, jQuery syntax, Ready event, jQuery selector, jQuery events
  - jQuery effects, jQuery HTML

- Introduction

**REFERENCE BOOKS:**

1. Beginning Web Programming with HTML, XHTML, and CSS by Jon Duckett Wrox, 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. Learning AngularJS: A Guide to AngularJS Development, O'reilly Media
5. Beginning JavaScript by Jeremy McPeak, Paul Wilton, Wiley Publisher
6. Beginning HTML and CSS – By Rob Larsen ( Wrox Publication)
7. JavaScript and jQuery – By David Sawyer McFarland ( O'REILLY Publication)