



C. U. Shah University, Wadhwan City

Faculty of Computer Science

Name of Program: Bachelor of Science (Information Technology)

Semester : I

W.e.f June-2014

Teaching & 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		University	
								Mark	Hr	Mark	Hr	Pr	TW	Pr	
3	4CS01ISL1	Web Scripting Language	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 client-side development. Topics include design of a web site and web pages, Hypertext Markup Language (HTML), style sheets, scripting languages, dynamic web pages.

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

Ch. No.	Chapter Name	Chapter Topics	Total Hrs
1	Web Terminology	Internet, Email, WWW, Web Page, Web Site, Web Browser, Web Server, Web Client	3
		ISP, DNS, Web Hosting, Search Engine	
2	HTML	HTML Introduction, HTML Page Structure, HTML Document Tags, HTML Formatting Tags HTML Line Breaks (<hr>,)	4
3	HTML Link and Image	Link Creation Tag (<a>), List Creation Tags (, , <dl>),	4
		Image handling tag (), Image Map in HTML (<map><area>)	
4	HTML Table	Table creation tags (<table><td><th><tr><caption>)	3
		Cellspacing, cellpadding, rowspan, colspan, table with image, Table with link and image	
5	Frames	Use of frames in HTML, <frameset>, <frame> tag, Use of target attribute in frames,	3
		Sample static website using frames	
6	Form in HTML	<form> tag, Get and post method, <input> tag, <select> tag, <textarea><optgroup><fieldset>, <link><base><basefont>	6
7	CSS	Introduction, Types of style sheet, Css syntax, Id and class	2
8	CSS Property	CSS Text Property, CSS Font Property, CSS list property, CSS Background Property, CSS Margin and CSS Padding Property, CSS table Property, S Link Property	7

9	Javascript	Client and Server Side Scripting Language, Characteristics of Java Script, Syntax, output, variables, operators, data types, Condition structure, Looping	6
10	Java script language construct	Dialogue Box, Arrays, String Object, Date Object, Math Object, UDF in Java Script, Objects in JavaScript	7
11	JavaScript DOM	What is HTML DOM, What is DHTML	3
		JS DOM Method (getElementById, getElementByName), JS DOM Property (InnerHTML)	
12	Event Handling	What is Event, KeyBoard Events, Mouse Events, Miscellaneous Events	4
13	JS DOM	Window Object, Browser Object, History Object, Form Object, Timer Event	3
Total::			55

Teaching Methodology:

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

Books Recommended:

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

Reference Books:

1. Html &Css: The Complete Reference 5th Edition by Thomas A. Powell, Tata Mcgraw Hill Education Private Limited, ISBN-13 9780070701946
2. Beginning JavaScript by Jeremy McPeak, Paul Wilton, Wiley Publisher, ISBN 9781118057384
3. Practical Html 4 by Lee Ann Phillips, Que Corp, ISBN-13 9780789721488