



FORMAT FOR COURSE CURRICULUM

Course Title: Computer Applications-II

Course Code: CSIT 225

Credit Units: 3

L	T	P/S	SW/F W	TOTAL CREDIT UNITS
2	-	2	-	3

Course Objectives: This course will provide a basic understanding of the methods and techniques of developing a simple to moderately complex web site. Using the current standard web page language, students will be instructed on creating and maintaining a simple web site.

Pre-requisites: Basic knowledge of Computer

Student Learning Outcomes:

- Acquaint the students with the basics tags and advanced tags of Html,
- Student should be able to design web pages using basic and Advanced tags in HTML and Java Script .
- Student will be able to design the presentations using animation package using Flash Software.
- Student should be able to identify technologies which used to design a web site.

Course Contents/Syllabus:

	Weightage (%)
Module 1 : Introduction to HTML	40%
Introduction to Internet, Understanding Browsers, Starting with HTML,HTML Page Structure, Defining Web Layout(Head & Body) ,Head Tags, BODY tag with Bgcolor, Background with image and text color, Text formatting, Text attributes, Importance of heading tags (H1–H6),Marquee text with or without background, Blink the text attributes, Divide section using <HR> line with width, align, size, Knowing Images format for web , Working with images, Images attributes Working with Tables, Table attributes, Colspan, Rowspan Table Border, Align, Valign ,Table background image, color to cell, Nesting tables ,Using list, Ordered list, Unordered list , Bullets (disc, square, circle),Upper alphabets, lower alphabet, roman upper or lower, Working with Links, Internal Links, External Links, Anchor Link, Email Link, Linking with text, Links with images, working with forms, knowing get and post action Radio button, Check box, Text box, Drop-down list, Use attribute Size, Max-length, Name attributes, Add Submit and Reset Button	
Module 2 Java Script	20%
Introduction to Client Side Scripting, Introduction to Java Script , JavaScript Types, Variables in JS Operators in JS Conditions Statements (If, If Else, Switch),Java Script Loops (For Loop, While Loop, Do While Loop) JS Popup Boxes (Alert, Prompt, Confirm)	
Module 3: Java Script Events	20%
Onload, On unload, Onsubmit, OnFocus, Onchange Event, Onblur Event, Onmouseover, Onclick, Ondbclick Events, ,JS Arrays, Working with Arrays, JS Objects, JS Functions	
Module : 4 Adobe Flash	20%
Introduction to Animation ,Introduction to Adobe Flash , Tools in Adobe Flash, Shape Tween and Motion Tween, Frame Animation, Various Flash Effects, Creating Flash Banners ,Creating Flash Intro's Creating Flash Website, Basics of Action Scripting.	

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Pedagogy for Course Delivery:

Lectures: 30

Assignment: 2

Class Test: 1

Lab/ Practical details

Practical: 30

List of Experiments:

1. Develop an HTML document for a web page of your favorite teacher. Design the page with an attractive background color, text color and background image.
2. Develop an HTML document for a web page of your favorite National Leader. Design the page with an attractive color combination, with suitable headings and horizontal rules.
3. Write an HTML document with an example of Ordered List and Unordered List.
4. Write an HTML document with an example of Table format to print your Bio-Data.
5. Write an HTML document with an example of Table format to print your Telephone Bill.
6. Design a web page that provides links to five different web page or to entirely Different websites.
8. Write an HTML code for designing the subscription form of mail account in the e-mail Website with appropriate fields.
9. Create form to fill information about the student.
10. Create a HTML form which display some validation in text box using java script.
11. Write a JavaScript code to change the background color at a frequent intervals.
12. Write a JavaScript code to open the new document after a particular interval.
13. Write a JavaScript code to show the concept of cookies.
14. Design different Animation using Flash.

Assessment/ Examination Scheme:

Theory L/T (%)	Lab/Practical/Studio (%)	End Term Examination
67	33	70

Theory Assessment (L&T):

Continuous Assessment/Internal Assessment					End Term Examination
Components (Drop down)	Class test	Assignment	Attendance		
Weightage (%)	15	10	5		70

Lab/ Practical/ Studio Assessment:

	Continuous Assessment/Internal Assessment				End Term Examination		
Components (Drop down)	Lab based test	Viva	Attendance		Major Practical	Viva	Record
Weightage (%)	15	10	5		40	20	10

Text & References:

Text:

- **Web Enabled commercial Application Development using HTML, JAVA SCRIPT and DHTML and PHP By Ivan Bayross, Publisher: BPB Publicatons**
- **Sames teach yourself WEB publishing with HTML 4 by Laura lemay**
- Sams Teach Yourself JavaScript in 21 Days by by [Jonathan A. Watt](#) (Author), [Andrew H. Watt](#) (Author), [Jinjer Simon](#)
- Macromedia Flash 5 By [Fernando Gomez Agudo](#)