

Subject Code : 2CS1010202	Subject Title: Introduction to Internet and Web Designing
Pre-requisite:	-

Course Objective:

- The course aims to make the students familiar with the world of Internet and its applications.
- Also the course intends to make the students acquainted with various Static and Dynamic Web development Script languages like HTML and Java Script.
- The course also aims to make the students design and develop a Small Websites.
- The course aims to prepare the students to pursue future courses in website development and design.

Teaching Scheme (Hours per week)				Evaluation Scheme (Marks)				
Lecture	Tutorial	Practical	Credit	Theory		Practical		Total
				University Assessment	Continuous Assessment	University Assessment	Continuous Assessment	
3	1	2	5	70	30	30	20	150

Subject Contents			
Sr. No	Topic	Total Hours	Weight (%)
1	Introduction to the Internet: Internet, URL (Uniform Resource Locator), Internet Service Provider, Intranet, Extranet, Virtual Private Network. Application of Internet: World Wide Web, Search Engines, News groups, Electronic Mail, Chat, Video Conferencing, FTP, E-Commerce, E-Learning, E-Banking.	9	20
2	Static Web Page Development Fundamentals of HTML, Basic tags and attributes , Formatting tags, List tags , Create a Web page, Email Links and link within a Page, Linking to other Web Pages, Creating Web Page Graphics	9	20
3	Advanced HTML: Table, Frame, Form Table: Creating a Table, Inserting Row, Inserting Column, Deleting Row and Columns Frame: Advantage and Disadvantage of Frame, Vertical Frameset, Horizontal Frameset, No frame, Inline Frame Form: Different Input Type: Textbox, Password, Checkbox, Radio, Button, Selection List, Creating HTML Forms, Custom Backgrounds and Colors.	9	20
4	Dynamic Web page Development: CSS Cascading Style Sheet: CSS, Style Properties, Defining Style with HTML Tags, and Features of Style Sheet, Style Classes, Internal Style Sheet, External Style Sheet, and Inline Style Sheet	9	20
5	Introduction to JavaScript, Variables, Functions Introduction to JavaScript: Writing First Java Script, External JavaScript Variables: Rules for variable names, Declaring the variable, assign a value to a variable, Scope of variable, Using Operators, Control Statements, JavaScript loops JavaScript Functions: Defining a Function, Returning value from function, User defines function.	9	20

Course outcomes:

At the end of this course, the student would be able

- To have fundamental knowledge of Internet and its Application.
- To use various internet application like Search engines, Email, E-commerce, E-learning, etc.
- To understand the basic tags used in HTML.
- To get a fundamental knowledge of Client Side Scripting language Java Script.
- To design a Web pages using HTML, Cascading Style sheet and Java Script.

List of References:

1. Introduction to Internet and HTML Scripting-By Bhaumik Shroff -Books India Publication
2. The Complete Reference HTML & CSS- Thomas A. Powell-McGraw-hill Publication
3. Internet Technology And Web Design –By ISRD Group- Tata McGraw-hill Publication
4. The Complete Reference JavaScript –Thomas A. Powell & Fritz Schneider-McGraw-hill Publication

List of Experiments:

Note: The experiment list provided beneath is for reference only. The course teacher may change/formulate it as per his/her methodology and requirement.

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 the Frameset tags and Frame tags for the following frameset.

Physics.html	Welcome.html	Maths.html
Chemistry.html		Computer.html
Biology.html	Heading.html	Account.html
Zoology.html		

6. Write an HTML code for designing the subscription form of mail account in the e-mail Website with appropriate fields.
7. Write an example of Style Sheet.
8. Design a single page web site for a university containing a description of the courses offered , it should also contain some general information about the university such as its history, the campus and its unique features the page should be colored and each section Should have different color.
9. Write a HTML code to designate a section of text that is already formatted for display Preformatted text is usually used for compute output.
10. Write a HTML code for specifying the heading in the HTML document.
11. Write a HTML code using Nested list.
12. Write HTML code to develop a web page having background in blue and title “Welcome To my home page” in red other color.
13. Create an HTML document of giving details of your name, age, telephone no, address And enrolment no, aligned in proper order.
14. Write HTML code to create a web page of green color and display a moving message in Yellow color.

15. Write HTML code for following list

Full time program.

BCA

PGDCA

BBA

Evening program

MCA

MBA

Clash course.

Computer.

16. Calculate a web page that provides links to five different web pages or to entirely different Websites.

17. Write a HTML code for making table to containing different option for different questions.

Which is your favorite Color	Who is your national leader	Who is the highest test centuries person in India
Red	Sardar Patel	Sunil Gawskar
Green	Gandhiji	Kapil Dev
Yellow	Indiraji	Sachin tendulkar
Blue	Nehruji	Ajay Jadeja

18. Develop your academic time table in HTML using <table> Tag and use class to change the Background of different allows of your time table.

19. Write a HTML code using I-Frame concept.

20. Create form to fill information student.

21. Create a JavaScript code to display any message.

22. Create a JavaScript code using Arithmetic Operator, Assignment Operator, and Comparison Operator, Logical Operator and String Operator.

23. Create a JavaScript code using Control Statements.

24. Create a JavaScript code to display

5 * 1 = 5

5 * 2 = 10

..

5 * 10 = 50 using 'for loop'.

25. Create a JavaScript code using User Defined Function which will Calculate the area of circle.

26. Write a JavaScript code to change the background color of the Web Page.

27. Write a JavaScript code to display Factorial of the given number.