



**PARVATHANENI BRAHMAYYA
SIDDHARTHA COLLEGE OF ARTS & SCIENCE**

Autonomous

Siddhartha Nagar, Vijayawada-520010

Re-accredited at 'A+' by the NAAC

23CSSDP102

**██████████: Internet Fundamentals and Web Tools
(INFORMATION & COMMUNICATION TECHNOLOGY – II)**

Offered to : All UG Programs

Year of Introduction: 2023 – 2024

Year of Offering: 2023 – 2024

SEMESTER : II

Total Hrs: 30

Credits: 2

Course Objectives:

This course gives students a basic understanding of the Internet, who uses it, and how it is used. Skill building topics will include: email, blogs, browsers, search, feeds, ftp, downloads, rich media, and social media. The course will explore a variety of communication methods on the Web.

Course Outcomes:

Course Outcome No	Upon successful completion of the course, a student will be able to:	Program Outcome No.
CO1	Understand basic concepts of HTML and implement HTML Tags	PO6
CO2	Understand and implement HTML 5	PO6
CO3	Understand basic concepts of Java Script	PO6

Unit - I: HTML Basics

8 Hours

1. Basic HTML

- 1.1 Basic HTML
- 1.2 Web Terminology
- 1.3 Structure of a HTML Document
- 1.4 HTML, Head and Body tags, HR, Heading, Font, Hexadecimal color codes
Image and Anchor Tags
- 1.5 Different types of Lists using tags, Table Tags
- 1.6 Table Tags, Frames and its usage

Unit – II : HTML 5

14 Hours

2.1 HTML 5 Basics – Syntax, Editors

2.2 HTML 5 New Tags- Base, Header, Article, Aside, Footer, Section, Datalist, Caption,

Embed, Figure, Video, Audio.

2.3 CSS (Cascaded Style Sheets)

2.3.1 The style tag

2.3.2 Tag selectors

2.3.3 The font-size, font-family, color, & line-height properties

2.3.4 The types of CSS (External CSS, Internal CSS, Inline CSS)

Unit – III: Overview of JavaScript

8 Hours

3.1 Introduction of JavaScript

3.2 Syntax

3.3 JS Example

3.4 JS variables

3.5 JS Data Types

3.6 JS Operators

Text Book: 1. In-line/On-line : Fundamentals of the Internet and the World Wide Web, 2/e -
by Raymond Green law and Ellen Hepp, Publishers : TMH

Text Book2: HTML and CSS Quick start Guide

Reference: <https://www.w3schools.in/html5/tutorials/>

@@@@



**PARVATHANENI BRAHMAYYA
SIDDHARTHA COLLEGE OF ARTS & SCIENCE**
Autonomous
Siddhartha Nagar, Vijayawada-520010
Re-accredited at 'A+' by the NAAC

MODEL QUESTION PAPER FOR SEM END EXAMINATION 2023-24
23CSCSDL02: Internet Fundamentals and Web Tools
(INFORMATION & COMMUNICATION TECHNOLOGY – II)

Offered to : All UG Programs

Max. Marks : 50 (CIA: 15 + SEE: 35)

Hrs/Week: 2

Model Paper : Practicals

Time: 3 Hrs

Max. Marks : 35

Section - A

1. Experiment 1
2. Experiment 2

15 M

10 M

Section - B

Viva Voce

10 M

CONTINUOUS ASSESMENT: (Internal)

15 M

Total

50Marks

@@@@