

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

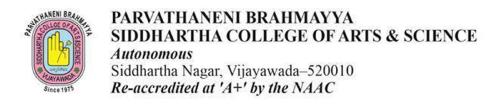
Text Book: 1. In-line/On-line: Fundamentals of the Internet and the World Wide Web, 2/e -

by Raymond Green law and Ellen Hepp, Publishers: TMH

Text Book2: HTML and CSS Quick start Guide

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

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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

Experiment 1
 Experiment 2
 M
 M

Section - B

Viva Voce 10 M

CONTINUOUS ASSESMENT: (Internal) 15 M
Total 50Marks

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