



ST. JOSEPH'S DEGREE & PG COLLEGE
(Autonomous), Affiliated to Osmania University.
DEPARTMENT OF BUSINESS MANAGEMENT
SEMESTER IV
BBA IT
WEB TECHNOLOGIES
DSC
w.e.f. AY. 2023 - 2024

Scheme of Instruction	Scheme of Examination
Course Code: WT-4-CS-22T	Course Title : WEB TECHNOLOGIES
Credits : 05	Max. Marks : 100
Category : DSC	Internal Examination : 30
Hours/Week : 6 Hrs	SBT : 10
Total durations Hrs : 90	External Examination : 60
Instruction Mode: 4 T + 2 P	Exam Duration : 3 Hrs
Course Objectives:	
To impart knowledge on various Web Technologies used for developing applications and hosting websites through framework.	
Course Outcomes:	Cognitive Level
CO1: Understand the basic elements for building and publishing websites	BL3
CO2: Enrich the website's appearance and experience by utilizing numerous CSS features.	BL3
CO 3: Develop interactive web pages.	BL4
CO 4: Understand and design the Layout Patterns for the webpage	
CO5: Explore a framework for creating responsive websites.	BL4
CO1: Understand the basic elements for building and publishing websites	BL4

SYLLABUS

Unit	Content	Hrs
I	Fundamentals of Web & HTML: Browsers and Editors, Html element, Structure of HTML page, Mandatory Tags (Doctype, Head, Title, Body), Heading Tags, HTML Text Formatting Tags Comments: AddingComments, hiding content, Hyperlinks, Images, Favicon, Lists, Table and Forms, Iframes, Html Audio, Html Media.	12
II	Cascading Style Sheets and Styles: CSS Selectors, Tags and styles, DIV and SPAN tags, SS types, Introduction to CSS3, CSS3 Borders, Margins, Padding, CSS width & Height , CSS3 Text Effects, CSS3 Fonts, CSS3 Google, CSS3 Links, CSS	12

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 CHAIRMAN
 BUSINESS MANAGEMENT
 OSMANIA UNIVERSITY,
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Syllabus w.e.f 2023-24 Batch (2022-2025 & 2023-2026)



	icons, CSS Navigation Bar – Vertical and Horizontal Bar, CSS Dropdown.	
III	Javascript: Introduction to Java Script, Advantages, data types, operators & expressions, arrays, conditional checking, loops, Built-in functions, user defined functions, dialog boxes, browser objects, events, FORM & FORM objects and java script.	12
IV	Website Layout: Importance of a Layout, HTML Layout Elements – Header, Nav, Section, Article, Aside, Footer, Details, Summary. Single Page Designs, Static Pages, Dynamic Pages, Responsive Pages.	12
V	Front End Framework - Bootstrap Bootstrap: Introduction to Bootstrap, Bootstrap Grid System –Grid classes, rows, columns, container, Stacked, Small, Medium, Large. Bootstrap tables, Images, buttons, alerts, Badges, Dropdowns, collapse, BS Pagination, BS Navigation bars, BS Forms, BS Inputs, Bootstrap Carousel Plug-in.	12

TEXT BOOKS:

1. HTML 5 Black Book, Covers CSS 3, JavaScript, DT Editorial Services, 2016 by Dreamtech Press.
2. The Essential Guide to HTML5-Third Edition, Jeanine Meyer – 2022.

Reference Books:

1. Responsive Web Design with HTML5 and CSS,4th Edition, Ben Franklin, 2022
2. *Bootstrap 4 Quick Start*, Jacob Lett, 2019

Web Reference

1. <https://mdbootstrap.com/docs/standard/layout/grid/>
2. https://www.w3schools.com/bootstrap/bootstrap_ver.asp
3. <https://getbootstrap.com/docs/4.0/layout/overview/>
4. <https://www.w3schools.com/js/DEFAULT.asp>

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