



Indraprastha College for Women

University of Delhi

Work Plan for ODD SEMESTER – 2025

Course Name: B.Sc(H)/B.Com(H)/B.A.(Hons.)/B.A. (Prog.)/ BMMMC

Unique Paper Code: 234600008

Paper Title: SEC- WEB DESIGN AND DEVELOPMENT

Semester: III

Faculty(s): Dr. Sarabjeet Kaur

Year: 2025–2026

Work Plan

Unit No.	Learning Objective	Lecture No.	Topics to be Covered
I	Understand the fundamentals of the internet, web design, and web architecture	1,2	Introduction to Internet and Web design
		3,4	Introduction to Internet and Web design
		5,6	Basic concepts of web architecture
		7,8	Basic concepts of web architecture
II	Learn HTML structure, tags, lists, graphics, tables, links, frames, and forms	9	Introduction to HTML – Basic Tags
		10	Creating Web Pages – Basic Tags & Lists
		11	Lists
		12	Handling Graphics
		13	Tables
		14,15,16	Linking
		17,18,19,20	Frames

Unit No.	Learning Objective	Lecture No.	Topics to be Covered
		21,22,23	Forms
III	Apply Cascading Style Sheets for web page styling	24,25	Concept of CSS, creating style sheet,
		26,27	Importing style sheets, CSS properties, CSS styling (background, text format, controlling fonts),
		28 29	CSS rules, Style Types, CSS Selectors, .
		30 31 32	CSS cascade, working with block elements and objects, working with lists and tables,
IV	Implement basic JavaScript programming techniques, handle events, and validate forms	33-45	Introduction to JavaScript – Basic Programming Techniques & Constructs
			Data types and variables
			Functions, Methods and Events; DOM Event handling
			Built-in operators and Validation

Contents/Syllabus Table

Unit	Contents/Syllabus
I	Introduction to Internet and Web design; Basic concepts of web architecture
II	Introduction to HTML – Basic Tags; Creating Web Pages – Basic Tags & Lists; Lists; Handling Graphics; Tables; Linking; Frames; Forms
III	CSS
IV	Introduction to JavaScript – Basic Programming Techniques & Constructs; Data types and variables; Functions, Methods and Events; DOM Event handling; Built-in operators and Validation

References Table

S. No.	Name of Authors/Books/Publishers
1	Nixon, R. (2014). <i>Learning PHP, MySQL, JavaScript, CSS & HTML5</i> . 3rd edition. O'Reilly Media.
2	Powell, T. A. (2010/2017). <i>HTML & CSS: The complete reference</i> (5th ed., republished 2017). McGraw-Hill Professional.
3	Duckett, Jon. <i>JavaScript & jQuery: Interactive Front-End Web Development</i> . John Wiley & Sons, 2014.
4.	Boehm, A., & Ruvalcaba, Z., Murach's HTML5 and CCS, 4th edition, Mike Murach & Associates.
5	Ivan Bayross, Web Enabled Commercial Application Development Using Html, Dhtml, Javascript, Perl CGI, BPB Publications.

Credits and Assessment Scheme

Paper Components			
Credits	Lecture (L)	Tutorial (T)	Practical (P)
Assessment Scheme			
S.No.	Component	Marking Scheme	Total Marks
1	Internal Assessment <ul style="list-style-type: none"> Assignment/Quiz/Project/Presentation Class Test Attendance 		25
2.	Continuous Assessment (Tutorial) <ul style="list-style-type: none"> Activity 1 Activity 2 Attendance 		NA
3.	Practical <ul style="list-style-type: none"> Continuous Assessment End Term Written/Practical Exam Viva 		25

4.	End Semester Examination	50
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