

Maharashtra State Board of Technical Education, Mumbai
TEACHING PLANNING (TP)

K-1

Academic Year: 2025-26

Date: 10/ 12/ 2025

Institute Name & Code: K. K. Wagh Polytechnic, Nashik-3 (0078)

Program and Code: Artificial Intelligence & Machine Learning (AN)

Course Code & Abbr. 312004(WPD)

Course Name: Web Page Designing with HTML

Name of Faculty: Mrs. S. J. Wagh

Class: FYAN- NEURAL

Course Index: 207

Semester: II

Scheme: K

Total Hrs. 30

□ TEACHING-LEARNING AND ASSESSMENT SCHEME:

Course Code	Course Title	Abbr	Course Category/s	Learning Scheme					Credits	Assessment Scheme											
				Actual Contact Hrs./Week			SLH	NLH		Paper Duration	Theory				Based on LL &TL				Based on SL		Total Marks
															Practical						
											CL	TL	LL	FA-TH	SA-TH	Total		FA-PR			
				Max	Min	Max	Min	Max										Min	Max	Min	
312004	WEB PAGE DESIGNING with HTML	WPD	SEC	2	-	4	2	8	4	-	-	-	-	-	50	20	50 @	20	25	10	125

Abbreviations: CL- Class Room Learning , TL- Tutorial Learning, LL-Laboratory Learning, SLH-Self Learning Hours, NLH-Notional Learning Hours, FA - Formative Assessment, SA -Summative assessment, IKS - Indian Knowledge System, SLA -Self Learning Assessment

Legends: @ Internal Assessment, # External Assessment, *# On Line Examination, @\$ Internal Online Examination

□ COURSE OUTCOMES (COS) Theory Learning Outcomes (TLOs):□

By learning course, Web Page Design with HTML (WPD-312004) First Year students will be able to:

- CO207.1 – Use HTML formatting tags to present content on web page.□
- CO207.2 - Develop webpage using list and hyperlinks.□
- CO207.3 - Develop web pages using images, colors and backgrounds.□
- CO207.4 - Design HTML forms using table and frames.□
- CO207.5 - Apply presentation schemes on content using CSS.□
- CO207.6 - Publish websites on internet or intranet.□

□ COURSE OUTCOMES (COS): THEORY Learning Outcomes (TLOs):

CO No.	TLO's No.	Course Outcomes (COs) / Unit Outcomes (TLO's)
CO207.1		Use HTML formatting tags to present content on web page.
	1.1	1. 1 Differentiate characteristics of the given type of web sites
	1.2	1.2 State structure of the given HTML page.
	1.3	1.3 Explain use of Head tag and body tag in the given web page.
	1.4	1.4 Explain the procedure of using the given block level tag on a web page.
	1.5	1.5 Write the procedure of using the given Text level tag and use of special characters in web page
CO207.2		Develop web page using list and hyperlinks.
	2.1	Explain use of the given type of list in Web Pages.
	2.2	Enlist different types of Links.
CO207.3		Develop web pages using images, colors and backgrounds.

	3.1	Describe the given image attribute on a web page and describe HSPACE & VSPACE
	3.2	Explain process of using the given colors/images as page background on a web page.
CO207.4		Design HTML forms using table and frames.
	4.1	Explain the given table attributes to organize data on a web page and table setting.
	4.2	Enlist different types of table attributes.
	4.3	Describe the given type of 'frame' with examples and procedure to organize display as per given screen layout using frames.
	4.4	Create basic form using different form fields and Button tags.
CO207.5		Apply presentation schemes on content using CSS.
	5.1	Explain CSS code for the given type of formatting on a web page with different CSS properties.
	5.2	Write the procedure to create CSS for applying the given presentation scheme on a web page.
	5.3	Enlist different CSS advanced properties.
	5.4	State different types of CSS responsive attributes.
CO207.6		Publish websites on internet or intranet.
	6.1	Explain the procedure to configure a webserver and hosting the given website.

• **TEACHING PLAN:**

Unit No. (Allotted Hrs.)	TL Os	Title/Topic Details with CO	Plan (From- To & No. of Lectures)	Actual Execution (From-To Lectures)	Pedagogy used(Teaching Method/ Media)	Remark
1(4Hrs.)	1.1, 1.2	Unit - I Introduction to HTML [207.1] 1.1Introduction of HTML 1.2Terminologies used in Web Design: World Wide Web (www), Web Pages, Web Site, Web Browsers, Web Servers and types of sites. Static vs. dynamic web sites, Search Engine	27/12/2025 (01)		Chalk, Board, PPT, LCD	
	1.3	Web page structure: DOCTYPE, HTML, TITLE, HEAD, BODY and other meta tags with attributes	01/01/2025 (01)		Chalk, Board, LCD	
	1.4	Block Level Elements: Headings, Paragraphs, Breaks, Divisions, Centred Text, Block Quotes, Preformatted text, types of Address, HR tag. Horizontal Rue.	03/01/2025 (01)		Chalk, Board, PPT, LCD	
	1.5	Text Level Elements: Bold, Italic, Teletype, Underline, Strikethrough, Superscript, Subscript, DIV tag, displaying special characters, comments.	08/01/2025 (01)		Chalk, Board, PPT, LCD	
2(4 Hrs.)	2.1	Unit – II Lists and Links [CO207.2] 2.1 Lists: Ordered Lists, Unordered Lists Definition Lists, Nested Lists.	10/01/2026 To 15/01/2026 (02)		Chalk, Board, PPT, LCD	
	2.2	Links: Absolute, Relative and Inline links, use image as link, link to an email address, button as link, types of links, linking various documents for internal and external links, to link different web page of same site, link different location on the same web page, a specific location on different web page of same site, to specific section within the document, inserting E-mail link.	17/01/2026 To 22/01/2026 (02)		Chalk, Board, PPT, LCD, MKCL ERA	

Unit No. (Allotted Hrs.)	TL Os	Title/Topic Details with CO	Plan (From- To & No. of Lectures)	Actual Execution (From-To Lectures)	Pedagogy used(Teaching Method/ Media	Remark
3(6Hrs.)	3.1	Unit - III Images, Colors and Background [CO207.3] 3.1 Image: Types of image format, jpg, bmp, png gif etc. IMG tag, alternate text, image alignment, HSPACE, VSPACE, wrapping text, height and width of images, Image as a link, Inserting Images, formatting image for sizing, alignment. Border and using other attributes with IMG tag.	24/01/2026 To 31/01/2026 (03)		Chalk, Board, PPT, LCD	
	3.2	3.2 Colors and Backgrounds: The text color, color attribute of FONT tag, text attribute of BODY tag. bgcolor attribute of BODY tag, changing link colors: link, alink, vlink, attributes of BODY tag, Backgrounds: Inserting image as page background, background attributes of BODY tag, creating solid color page background.	05/01/2026 To 12/02/2026 (03)		Chalk, Board, LCD	
4(6 Hrs)	4.1	Unit - IV Table, Frames and Forms [CO207.4] Table: Table tag with attributes. TABLE, <tr>, <th>, <td> tags. Border, cell spacing, cell padding, width, align, bgcolor attributes. Adding captions: CAPTION tag	12/02/2026 (01)		Chalk, Board, PPT, LCD	
	4.2	Formatting contents in the table cells: align, valign, bgcolor, height, width, nowrap attributes. Spanning rows and columns: rowspan and colspan attributes.	14/02/2026 (01)		Chalk, Board, PPT, LCD	
	4.3	Frames: Types of Frames with their attributes, Creating frames: FRAMESET tag – rows, cols attributes, FRAME tag – name, frame border, margin height, margin width, src, resize, scrolling Attributes, Use of NOFRAMES tag, Frame targeting. Definition Lists, Nested Lists.	14/02/2026 (01)		Chalk, Board, PPT, LCD	
	4.4	Forms: Creating basic form: FORM tag, action and method attributes, Form fields: Single line text field, password field, multiple line text area, radio buttons, and check boxes. Pull down menus: SELECT and OPTION tags. Buttons: submit, reset and generalized buttons. Formatting technique: Using table to layout form.	19/02/2026 To 26/02/2026 (03)		Chalk, Board, PPT, LCD, MKCL ERA	
05 (06 Hrs.)	5.1	Unit - V Cascading Style sheets [CO207.5] 5.1 Cascading Style Sheets: Different types of Style Sheets, Benefits of using CSS. Adding style to the document: Linking to style sheets, Embedding style sheets, Using inline style, Selectors: CLASS rules, ID rules.	28/02/2026 To 05/03/2026 (02)		Chalk, Board, PPT, LCD	

Unit No. (Allotted Hrs.)	TL Os	Title/Topic Details with CO	Plan (From-To & No. of Lectures)	Actual Execution (From-To Lectures)	Pedagogy used(Teaching Method/Media)	Remark
05 (06 Hrs.)	5.2	Style sheet properties: Font, text, box, color and background properties; Creating and Using a simple external CSS file; Using the internal and inline CSS; background and color gradients in CSS Setting font and text in style sheet using table layout.	07/03/2026 To 12/03/2026 (02)		Chalk, Board, PPT, LCD	
	5.3	CSS Advanced: CSS Rounded Corners, CSS Border Images, CSS Shadows, CSS Text Effects, CSS 2D Transforms, CSS 3D Transforms, CSS Transitions, CSS Animations, CSS Tooltips, CSS Style Images, CSS Image Reflection	14/03/2026 (01)		Chalk, Board, LCD	
	5.4	CSS Responsive: RWD Intro, RWD Viewport, RWD Grid View, RWD Media Queries, RWD Images, RWD Videos, RWD Frameworks, RWD Template.	19/03/2026 (01)		Chalk, Board, PPT, LCD	
06(04 Hrs.)	6.1	Unit - VI Website Hosting [CO207.6] Website Hosting: Concept of Internet and Intranet. Publishing website on Intranet, installing and configuring web server, uploading files on intranet site, access intranet based website, publishing website site on Internet, hiring web space, uploading files using FTP, virtual hosting, access internet based website.	21/03/2026 To 31/03/2026 (04)		Chalk, Board, PPT, LCD MKCL ERA	
30 Hrs.		Total	30 Hrs.			

• COS POS MAPPING:

Course Outcomes (Cos)	Programme Outcomes (POs)							(PSOs)	
	PO-1 Basic and Discipline Specific Knowledge	PO-2 Problem Analysis	PO-3 Design/ Developmet of Solutions	PO-4 Engineering Tools	PO-5 Engineering Practices for Society, Sustainability & Environment	PO-6 Project Management	PO-7 Life Long Learning	PSO-1	PSO-2
CO 1	1	-	-	1	-	-	1	1	1
CO 2	1	-	1	1	1	-	2	1	1
CO 3	1	-	2	1	1	-	2	1	1
CO 4	1	1	2	1	1	-	3	1	1
CO 5	2	2	2	1	3	3	3	1	2
CO 6	3	2	2	2	3	3	3	1	2

Legends :- High:03, Medium:02,Low:01, No Mapping: -

PSO1: Apply fundamental concepts of Computer Engineering and Artificial Intelligence and machine Learning to solve technical problems.

PSO2: Implement the domain knowledge to achieve successful career as an engineering professional.

Formative Assessment: Not Applicable

Summative Assessment: Not Applicable

□ References□ 1.

SUGGESTED BOOKS:

Sr.No	Author	Title	Publisher with ISBN Number
1.	HTML and CSS Complete Reference	Thomos Powell	Tata McGraw Hill ISBN 978-0-07-174170-5
2.	Web Publishing with HTML and CSS	Lemay Colburn	Pearson, ISBN-13: 978-0-672- 33623-2
3.	Kogent Learning Solutions Inc.	HTML5 BLACK BOOK	Wiley India Pvt. Limited, ISBN-9789350040959,

2. Learning Web Sites:

Sr. No	Link / Portal	Description
1	https://www.geeksforgeeks.org/	Designing web page, Introduction of html
2	https://www.w3schools.com/html/html_block.asp	Block Level Tag
3	https://www.javatpoint.com/html-frame-tag	Frames in HTML
4	https://www.w3schools.com/css/default.asp	CSS Stylesheet , CSS Advanced

3. Learning URLs of referenced YouTube Videos:

Sr. No	URL of YouTube Video	Topic
1	https://www.youtube.com/watch?v=NDjUY_gRlveQ	Introduction of HTML Tags
2	https://www.youtube.com/watch?v=BdRPgP_fLAUQ	What is Link list
3	https://www.youtube.com/watch?v=jb8e2D_HZg3Y	Types of image format, jpg, bmp, png gif etc
4	https://www.youtube.com/watch?v=jb8e2D_HZg3Y	Table, Frames and Forms
5	https://www.youtube.com/watch?v=pURQJ_NPfwVg	Cascading Style sheets

Tools: 1. Google Classroom to share subject material to students.
2. Quizzes using MKCL ERA LMS login

Mrs. S. J. Wagh
(Name & Signature of Staff)
Cc: Course File – WPD (312004)

Mrs. R. Y. Thombare
(Name & Signature of HOD)