COURSE TITLE-   STATIC WEB PAGE DESIGING LANGUAGE
COURSE CODE   6S205

PROGRAM & SEMESTER

Diploma Programmes in which this course is offered	Semester in which offered
Computer Engineering / Information Tech.	Second Semester

1.RATIONALE:

This is basic level course aims at static web page designing. World Wide Web is the basic technology for e-commerce and HTML is the medium for creating web pages. This language required for developing online educational applications such as organizational websites, educational website, virtual learning environments etc. and business applications in various fields such as products sale, banking, railways reservation, services etc.

2. COMPETENCY STATEMENT: At the end learning this course student will be able to: **"Develop and host a static website using Hyper Text Markup Language with web technology features like Cascading Style Sheets etc."**

3. TEACHING SCHEME

Teaching Scheme (Hours/Credits)			Total Credits	Examination Scheme (Marks)				Total Marks
				Theory Mark		Practical Mark		
L	T	P	C	ESE	PT	ESE @ (PR)	PA (TW)	
0	0	2	2	0	0	50	50	100
Duration of the Examination (Hrs)				--	--	02	--	

Legends : **L**-Lecture; **T**-Tutorial/Teacher Guided Theory Practice ; **P**- Practical; **C**-Credits; **ESE**- End Semester Examination; **PT – Progressive Test, PA**- Progressive Assessment, OR – Oral Examination, TW - Term Work, # External, @ Internal

4. LEARNING OUTCOME

At the end learning this course student will be able to:
1. Select Static and Dynamic Web Pages.
2. Design web pages using basic HTML tags.
3. Design web pages containing hyperlink and different images.
4. Design web pages having frame consisting of table.
5. Design form on any given problem.
6. Design and develop web pages using CSS styles, internal and/or external style sheets

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5. DETAILED COURSE CONTENT

Unit	Major Learning Outcomes (in cognitive domain)	Topics and Sub-topics
Unit – I Website Development Essentials	1a.Identify website development essentials.	1.1 Information about web site, web page, Web Browsers and their types. 1.2 Working of different types of Web Pages, General structure of a Web Page, Scripting languages, URL, Popular Search Engines, WWW. 1.3 Static Web Pages, Dynamic Web Pages
Unit -II Introduction to HTML	2a.Use basic HTML tags	2.1 Introduce Web page structure and basic structure tags: !DOCTYPE, HTML, HEAD, TITLE, BODY with attributes. 2.2 Block Level Tags: Headings, aragraphs, Breaks, Divisions, Centered Text, Block Quotes, Preformatted text, HR tag. 2.3 Text Level Tags: Bold, Italic, Teletype, Underline, Strikethrough, Superscript, Subscript DIV Tag, Font Tag. 2.4 Lists: Ordered Lists, unordered Lists, Definition Lists, and Nested Lists.
Unit III: Linking Documents & Including Images	3a.link of documents and images for given required link.	3.1 URL: Types of URLs, Absolute URLs, Relative URLs. 3.2 Anchor Tag: Linking various documents for internal and external links, Marquee Tag. 3.3 Image Formats: GIF,JPEG, BMP & PNG 3.4 Adding Image using Image tag, setting an image as background
Unit IV: Developing Table & Creating Frame	4a.use tables with given formatting.	4.1 TABLE tag with attributes. TABLE, TR, TH, TD tags, border, cell spacing, cell padding, width, align, bgcolor attributes. 4.2 Types of Frames with their attributes creating frames: FRAMESET tag – rows, cols attributes. 4.3 FRAME tag –name, frame border, margin height, margin width, src, resize, scrolling attributes. Use of NOFRAMES tag, Frame targeting.
Unit V: Developing HTML Forms	5a.design forms for given systems	5.1 Creating basic form: FORM tag, action and method attributes. 5.2 Form fields: Single line text field, password field, multiple line text area, radio buttons, and check boxes. 5.3 Pull down menus: SELECT and OPTION

5	Design form on any given problem.	-	3	3	-	-	-	-	-	3	-	-
6	Design and develop web pages using CSS styles, internal and/or external style sheets.	-	3	3	-	-	-	-	-	3	-	-

Course Curriculum Design Committee

Sr No	Name of the faculty members	Designation and Institute
1	Mr. P.B.Lahoti	LCO, Govt. Polytechnic, Aurangabad
2	Ms. P.S. Sadafule	LCO, Govt. Polytechnic, Aurangabad

(Member Secretary PBOS)   (Chairman PBOS)

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		tags. 5.4 Buttons: submit, reset and generalized buttons.
Unit VI: Introduction to Style sheets.	6a.Use of style sheets	6.1 Introduce Style Sheets with different types. 6.2 Adding style to the document: Linking to style sheets, Embedding style sheets, using inline style. 6.3 Selectors: CLASS rules, ID rules. 6.4 Style sheet properties: font, text, box, color and background properties.

6. SUGGESTED SPECIFICATION TABLE WITH HOURS AND MARKS (THEORY)

Unit No.	Unit Title	Teaching / Practical Hours	Distribution of Theory Marks			
			R Level	U Level	A Level	Total Marks
I	Website Development Essentials	06				
II	Introduction to HTML	12				
III	Linking Documents & Including Images	12		NOT APPLICABLE		
IV	Developing Table & Creating Frame	10				
V	Developing HTML Forms	14				
VI	Introduction to Style sheets.	10				

Legends: R = Remembrance; U= Understanding; A= Application and above levels (Revised Bloom's taxonomy)

7. SUGGESTED EXERCISES/PRACTICALS

S. N.	Unit No.	Practical Exercises (Outcomes in Psychomotor Domain)	Approx. Hrs. required
1	1	Analyze different static web site & dynamic web site.	02
2	2	Design a basic web pages using structure tag for displaying "My First Web Page" message.	02
3	2	Create a HTML document giving details of your [Name, Age], [Address, Phone] and [Register Number, Class] aligned in proper order using alignment attributes of Paragraph tag and different heading style	02
4	2	Create a page to show different character formatting (B, I, U, SUB, SUP) tags.	02

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S. N.	Unit No.	Practical Exercises (Outcomes in Psychomotor Domain)	Approx. Hrs. required
		$viz : log_b m^p = p \ log_b m$	
5	2	Create a web page, showing an ordered list and unordered list of all second semester courses (Subjects).	02
6	3	Create a web page to link web page in the same directory, different Directory, in a subdirectory of a parent directory, any other directory, and link to Email ID.	04
7	3	Write a HTML code to create a web page with pink colour background and display moving message in red colour.	02
8	3	Write HTML code to create a WebPage that contains an Image at its centre.	02
9	3	Create a web page with an appropriate image towards the left hand side of the page, when user clicks on the image another web page should open.	02
10	4	Create a web page implementing all formatting and table tags.	02

Reg. Number	Student Name	Year/Semester	Date of Admission

S. N.	Unit No.	Practical Exercises	Approx. Hrs. required
11	4	Create a web page implements no. of frame in a single web page	02

FRAME-1	FRAME-2
FRAME-3	

S. N.	Unit No.	Practical Exercises	Approx. Hrs. required
12	5	Create a web page for students Registration form using FORM tags.	04
13	5	Write a program to demonstrate the use of GET, POST, developing a Feedback form with the use of <form> and <button> HTML tags.	02
14	6	Create a web page for demonstration of CSS applying Internal/External/Inline style.	02
15	6	Write a CSS program to set an image as the background	02
		Total	64

8. SUGGESTED LIST OF STUDENT ACTIVITIES

Following is the list of proposed student activities like:

- Analyze any 5 different website.
- Create our own website using online available templates.
- Develop a static website consisting of minimum five web pages usingDreamweaver

9. SUGGESTED LEARNING RESOURCES

Sr. No.	Author	Title of Book	Publication
1	Duckett Jon	Beginning Web Programming with HTML ,XHTML & CSS	Wrox, 2008
2	Thomas Powell	HTML and XHTML –The complete reference	Tata McGraw Hill, New
3	Robbins Design	Learning Web	O'Reilly
4	Dick Oliver	SAMS Teach Yourself HTML & CSS in 24 Hours	Pearson Education Publication

10. LIST OF MAJOR EQUIPMENTS

Computer System with latest configuration & Dreamweaver software

11. SOFTWARE/LEARNING WEBSITES

1. http://www.w3schools.com/html
2. https://www.tutorialspoint.com/html/
3. http://www.html.net/
4. http://www.2createawebsite.com
5. http://webdesign.about.com
6. https://www.codecademy.com/learn/web

12. POs and PSOs assignment and its strength of assignment with each CO of the Course

Sr No.	Course Outcome	POS										PSOs	
		1	2	3	4	5	6	7	8	9	10	1	2
1	Select Static and Dynamic Web Pages.	-	2	2	-	-	-	-	-	-	-	-	-
2	Design web pages using basic HTML tags.	-	3	3	-	-	-	-	-	-	3	-	-
3	Design web pages containing hyperlink and different images.	-	3	3	-	-	-	-	-	-	3	-	-
4	Design web pages having frame consisting of table.	-	3	3	-	-	-	-	-	-	3	-	-