

GOVERNMENT POLYTECHNIC, NAGPUR.
(An Autonomous Institute of Govt. of Maharashtra)

COURSE CURRICULUM

PROGRAMME	: DIPLOMA IN CM/IT
LEVEL NAME	: PROFESSIONAL COURSES
COURSE CODE	: CM413E
COURSE TITLE	: WEB PAGE DESIGN
PREREQUISITE	: NIL
TEACHING SCHEME	: TH: 00; TU: 00; PR: 04(CLOCK HRs.)
TOTAL CREDITS	: 02 (1 TH/TU CREDIT = 1 CLOCK HR., 1 PR CREDIT =2 CLOCK HR.)
TH. TEE EXAM	: NIL
PR. TEE EXAM	: 02 Hrs (External)
PT. EXAM	: NIL

❖ **RATIONALE :**

It is estimated that across the Internet, over 100 million domain names are in use. With fast and cheap broadband Internet connections available to the masses, online users now are exceeding 500 millions. Students will get acquainted with the current developments in web and Multimedia, which would be helpful in IT applications. It is a practical oriented course which will enable student to develop Web sites using HTML.

❖ **COURSE OUTCOMES:**

After completing this course students will be able to–

1. Design the web page using basic tags of HTML.
2. Organize information using tables and formatting tables.
3. Use tags for linking HTML documents.
4. Use of style sheets to gain full control of formatting within web pages.
5. Implement the JavaScript in HTML.
6. Develop the static website.

❖ **COURSE DETAILS:****A. THEORY :**

Units	Specific Learning Outcomes (Cognitive Domain)	Topics and subtopics	Hrs.
NIL			

B. LIST OF PRACTICALS/LABORATORY EXPERIENCES/ASSIGNMENTS:

Practical	Specific Learning Outcomes (Psychomotor Domain)	Units	Hrs.
1.	Design Web page with HTML using basic tags - <HTML>, <HEAD>, <TITLE>, <BODY> elements	Introduction to html	2
2	Design Web page and apply some block level tags and some text level tags.		2
3	Design Web page using font Color , font face , font size ,background color.		2
4	Design Web page including links in a Web page. <ul style="list-style-type: none"> Local page in same folder Page in different folder Page in web Specified location within document 		2
5	Write a code to create a web page including i) ordered lists ii) unordered list iii) nesting list.		4
6	Write a code to create a web page using Image tags with height and width and also Used for background image.	Images, Colors And Backgrounds	2
7	Design Web page Include images with different alignments and wrapped text in and also link the image in web page		2
8	Design table in web page using basic tables tags- <table>,<tr>,<td>, <th>.	Tables and Forms	2
9	Write a code to create a web page using Table tags a)Using rowspan and colspan b)Background Image in a table		2
10	Write a code to create a web page using Table tags a)Create table of 3 rows and Columns b)Having border , border size, border color c)Image in a particular cell.		4
11	Write a code to create a web page using Form tag. Example:- Admission Form		2
12	Create a web page using frame tag a) rows And columns b) border and border color.	Frames	2
13	Design web page to create frames using name, frameborder, marginheight, marginwidth, src, resize, scrolling attributes.		4

14	Apply in-line CSS to change colours of certain text portion, bold, underline and italics certain words in your HTML web page. Also change background colour of each paragraph using in-line CSS	Style sheets	4
15	Write a program to create menu using HTML and CSS.		2
16	Develop a simple JavaScript in HTML	JavaScript	2
17	Write a program to print date using JavaScript		2
18	Write a program to Sum and Multiply two numbers using JavaScript		2
19	Write a program to redirect, popup and print function in JavaScript.		2
20	Write a code to Put validation checks on values entered by the user using JavaScript (such as age should be a value between 1 and 150).		2
21	Mini project on Website design		12
Skill Assessment			4
Total Hrs			64

❖ **SPECIFICATION TABLE FOR THEORY PAPER:** Nil

❖ **QUESTION PAPER PROFILE FOR THEORY PAPER:** Nil

❖ **ASSESSMENT AND EVALUATION SCHEME:**

	What		To Whom	Frequency	Max Marks	Min Marks	Evidence Collected	Course Outcomes
Direct Assessment Theory	CA (Continuous Assessment)	Progressive Test (PT)	Students	Two PT (average of two tests will be computed)	--	--	--	--
		Assignments		Continuous	--	--	--	--
	TEE (Term End Examination)	End Exam	Students	End Of the Course	--	--	--	--
				Total	--	--		
Direct Assessment Practical	CA (Continuous Assessment)	Skill Assessment	Students	Continuous	40	--	Rubrics & Assessment Sheets	1, 2, 3, 4,5,6
		Journal Writing		Continuous	10	--	Journal	1, 2, 3, 4,5,6
				TOTAL	50	20		
	TEE (Term End Examination)	End Exam	Students	End Of the Course	50	20	Rubrics & Practical Answer Sheets	1, 2, 3, 4,5,6
Indirect Assessment	Student Feedback on course		Students	After First Progressive Test	Student Feedback Form			1, 2, 3, 4,5,6
	End Of Course			End Of The Course	Questionnaires			

❖ **SCHEME OF PRACTICAL EVALUATION:**

S.N.	Description	Max. Marks
1	Activities/ Writing program and Drawing flow chart	20
2	Performance/Execution of program	20
3	Viva voce	10
	TOTAL	50

❖ **MAPPING COURSE OUTCOMES WITH PROGRAM OUTCOMES:****1. Computer Engineering:-**

Course Outcomes	Program Outcomes (POs)										PSOs	
	1	2	3	4	5	6	7	8	9	10	1	2
1	-	3	3	-	-	-	-	3	3	3	3	-
2	-	3	3	-	-	-	-	3	3	3	3	-
3	-	3	3	-	-	-	-	3	3	3	3	-
4	-	3	3	-	-	-	-	3	3	3	3	2
5	-	3	3	-	-	-	-	3	3	3	3	2
6	-	3	3	-	-	-	-	3	3	3	3	-

1: Slight (Low) 2: Moderate (Medium) 3: Substantial (High)

2. Information Technology:-

Course Outcomes	Program Outcomes (POs)										PSOs	
	1	2	3	4	5	6	7	8	9	10	1	2
1	-	3	3	-	-	-	-	3	3	3	-	3
2	-	3	3	-	-	-	-	3	3	3	-	3
3	-	3	3	-	-	-	-	3	3	3	-	3
4	-	3	3	-	-	-	-	3	3	3	-	3
5	-	3	3	-	-	-	-	3	3	3	-	3
6	-	3	3	-	-	-	-	3	3	3	-	3

1: Slight (Low) 2: Moderate (Medium) 3: Substantial (High)