



Gujarat Power Engineering and Research Institute

Department of Computer Engineering

Lesson Plan and Actual Engagement (PRACTICAL)

NAME OF FACULTY: PROF. MAULIK PATEL SUBJECT: WEB Programming- 3160713 TERM DATES : / /2021 TO / /2022		DESIGN : ASSISTANT PROFESSOR CLASS/BATCH : 6 /B61, B62, B63 HRS./WEEK : 2	
Pract. No.	Name of Experiment	HRS.	Actual Date
1.	Write HTML code to display paragraph and table as shown in Figure 1.	2	
2.	Design a simple HTML form to register students for engineering admission. Following components needs to be used for design: 1. List admission instruction using Ordered List and Unordered List. 2. Highlight title with different color. 3. Dropdown, radio button and image.	2	
3.	(a) Write down HTML/CSS code to create table with 5 rows and 3 columns. Even no. of rows display in green color and odd no. of rows display in yellow color and also add following operation: 1. Set the background color of a page 2. Set the background color of different elements. 3. Set background image. 4. Create a CSS for vertical menu style. (b) Write the following styles in separate CSS file and also show how to link this CSS file in HTML file and show use of styles. 1. The headings should have normal font style and font's size should be 100 + (last two digit of your enrolment no.)%. 2. Define a class arial for paragraph which defines font family arial and font style bold. 3. Apply a background color yellow and apply a background image "browntile.jpg". 4. Put link (after visited blue color and before visited red color).	2	
4.	Create web form using HTML & Java script which perform following: 1. Accepts N(5 + last digit of your enrolment no.) as input using prompt box. 2. Generate confirmation box for displaying N Fibonacci numbers. If user conform then generate an alert box with last value and web service displays first N Fibonacci numbers as list.	2	
5.	(a) Write down java script code to validate user name and password (password length must in between 6 to 12 characters. User name should not start with _ , @, or any number, both are not blank). (b) Write javascript to validate user input such as Email ID and Mobile number.	2	

6.	<p>Write a JavaScript for mouse events.</p> <p>A. Show handling of following mouse events. Add necessary elements.</p> <ol style="list-style-type: none"> 1. If the mouse is over the heading should turn yellow and if the mouse goes out of the heading it should turn black. 2. If find time button is clicked show time and date information. 3. If button named “red” is clicked, background should change to red and if button named “green” is clicked, background should change to green. <p>B. Show the use of events to change background color with DHTML.</p> <ol style="list-style-type: none"> 1. If mouse button is pressed, background color should be red. <p>If mouse button is released up, background color should be yellow.</p>	2	
7.	<p>Write a PHP programs to:</p> <ol style="list-style-type: none"> 1. To print weather current year is leap year or not 2. To print given number is odd or even. 3. To print first 10 Fibonacci numbers. 2. To display table of cube for 1 to 10. 	2	
8.	Write a PHP script to check file size should not greater than 30 KB for uploaded file.	2	
9.	Write a PHP program for the student registration form which includes Enrolment No.(Primary key), Name, Semester, DOB (auto calculate Age), Subjects(any 4), Marks and SPI (auto calculate from marks) and do database connectivity then perform Insert, Update, Delete, and display data with proper tabular form to a web page.	2	
10.	Study about Web API? Develop a web application to generate dashboard using third party Web API and also apply advanced web programming features such as AJAX and JQuery.	2	

HTML table and formatting

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A	B	D	E		F
	C		G	H	I
J					
K			L	M	

A	B	C	D
E	F		
G	H	I	

Figure 1

Date: