DCA-2-02P: Web Designing & Development Lab

Total Marks: 50
External Marks: 35
Internal Marks: 15
Credits: 2
Pass Percentage: 40%

Course: Web Designing & Development Lab	
Course Code: DCA-2-02P	
Course Outcomes (COs)	
After the completion of this course, the students will be able to:	
CO1	Understanding of the structure and syntax of HTML, including elements, attributes, and how to create well-formed HTML documents.
CO2	Create basic web pages using HTML, including adding text, images, links, lists, tables, forms, and other elements.
CO3	Understand the fundamentals of JavaScript programming, including variables, data types, operators, and control structures, and be able to use JavaScript to create interactive and dynamic web content.
CO4	Develop client-side scripts using JavaScript to enhance the functionality and interactivity of web pages.
CO5	Understanding of the core concepts of AngularJS, including directives, controllers, services, filters, and modules.

Detailed about Experimental Tasks:

Experimental Task No.	Experimental Description
T1	Write simple steps to create a basic HTML document
T2	Design a page having suitable background colour and text colour with title "My First Web Page" using all the attributes of the Font tag.
T3	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
T4	Write HTML code to design a page containing some text in a paragraph by giving suitable heading style.
T5	Write HTML code to create a Web Page that contains an Image at its centre.

T6	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
T7	Create web Pages using Anchor tag with its attributes for external links.
T8	Create a web page for internal links; when the user clicks on different links on the web page it should go to the appropriate locations/sections in the same page
T9	Write a HTML code to create a web page with pink color background and display moving message in red color
T10	Create a web page, showing an ordered list of all second semester courses
T11	Create a web page, showing an unordered list of names of all the PG Programmes (Schools wise) in JGND PSOU, Patiala
T12	Create a HTML document containing a nested list showing a content page of any book.
T13	Create a web page which divides the page in two equal frames and place the audio and video clips in frame-1 and frame-2 respectively.
T14	Create a web page using Embedded CSS and Multimedia
T15	Create web pages to understand and use to validate user inputs. Validate the Registration, user login, user profile and payment by credit card pages using JavaScript
T16	Create Student record and Perform following Operations: Design a form and insert data into database. *Add Record, delete and edit, Search Record*.
T17	Create web pages to learn how to navigate between web pages and servers.
T18	Develop Angular JS program to create a login form, with validation for the user name and password fields.