BLACK DIAMOND SCHOOL OF ENGINEERING,JHARSUGUDA

LESSON PLAN

Session (2022 -2023)

Discipline: Computer Science & Engineering	Semester: 5th Winter /2022	Name of the faculty: ANUJ SINGH
Subject: Web Development Lab (Pr-1)	No. of Days/week: 02 (2 periods / Day)	Start Date: 14/09/2022 End Date: 21/01/2023

Week	Class Day	Practical Topics
1st	1st	Introduction to HTML 5 and CSS 3. Basic structure of HTML.
	2nd	Designing a web page by inserting links images, horizontal rules, comments. Formatting text, title, headings, colors, fonts, sizes. Adding graphics and images, image maps, image files
2nd	1st	Revision/Assessment
	2nd	HTML Table Tag
3rd	1st	Demonstration on Lists in HTML, HTML Forms.
	2nd	Demonstration on HTML Frames
4th	1st	Revision/Assessment
	2nd	Design static web page for Bo-data.
5th	1st	Demonstration on Cascading Style Sheets (CSS).
	2nd	Revision/Assessment
6th	1st	Introduction to PHP: How PHP Works, The php.ini File, Basic PHP Syntax, PHP variables, statements.
	2nd	Demonstration on Operators, decision making, loops.
7th	1st	Design PHP based web pages using correct PHP, CSS, and XHTML syntax, structure.
	2nd	Revision/Assessment

8th	1st	Demonstration on GET and POST methods.
	2nd	Create Web forms and pages that properly use HTTP GET and POST protocol as appropriate
9th	1st	Demonstration on functions.
	2nd	Create PHP code that utilizes the commonly used API library functions built in to PHP.
10th	1st	Revision/Assessment
	2nd	Introduction to cookies, storage of cookies at client side, Using information of cookies.
11th	1st	To store a cookie using PHP on client side.
	2nd	Creating single or multiple server-side sessions. Timeout in sessions, Event management in PHP. Introduction to content management systems based on PHP.
12th	1st	To save the user session on server side
	2nd	Revision/Assessment
13th	1st	Introduction to MySQL, connecting to MySQL, database, creation, insertion, deletion and retrieval of MySQL data using PHP.
	2nd	Install and configure both PHP and MySQL.
14th	1st	Design and create a complete web site that demonstrates good PHP/MySQL client/server design.
	2nd	Design website.
15th	1st	Design website (Cont..)
	2nd	Revision/Assessment