Lesson Plan

Name of the Faculty : Uma Kakkar

[Discipline :](#bookmark2) .Computer Engg.

[Semester :](#bookmark3) V

**Subject** : PHP

Lesson Plan Duration : 14weeks (from 15 sep, 2023 to Jan, 2023)

Work Load (Lecture / Practical) per week (in hours): Lectures-03, Practical-02

| **Week** | **Theory** | | **Practical** | |
| --- | --- | --- | --- | --- |
| **Lecture day** | **Topic (including assignment / test)** | **Practical Day** | **Topic** |
| **1** | **1** | Introduction to subject | 1 | Design PHP based web pages using correct PHP,CSS and XHTML syntax structure |
| **2** | Rationale of subject |
|  |  |
| **2** | **1** | Application of PHP |
| **2** | Introduction to HTML 5 |
| **3** | Introduction to CSS 3 |
| **3** | **1** | Designing a web page inserting link images | 2 | Create web forms and pages that properly used HTTP GET and POST protocol as appropriate |
| **2** | Horizontal rules comments formatting text |
| **3** | Title, Heading, colours, font ,size and simple table |
| **4** | **1** | Forms,HTML tags ,Hyper links | 3 | Design SQL language with MYSQL and PHP to access and manipulate databasess |
| **2** | Adding graphics and images, image maps, image file |
| **3** | Using Tables, forms, style sheet and frames |
| **5** | **1** | Floating of web sites and pages |
| **2** | Revision |
| **3** | Sessional |
| **6** | **1** | Introduction to PHP | 4 | Install and configure both PHP and MYSQL |
| **2** | How PHP works, Installation of PHP, xampp server |
| **3** | PHP.ini File, Basic PHP syntax |
| **7** | **1** | PHP variables, statements, operators | 5 | Create PHP code that utilises the commonly used API Library functions built into the PHP |
|  | **2** | Loops and decision making statements |
| **3** | Revision |
|  |  |  |
| **8** | **1** | Array, Strings, forms, get and post methods |
| **2** | Functions | 6 | Design and create a complete website that demonstrate good PHP/MYSQL |
| **3** | Introduction to cookies, storage of cookies |
| **9** | **1** | Using information of cookies, single and multiples server sessions |
| **2** | Timeout in sessions, event management in PHP |
| **3** | Content Management | 7 | To store a cookie using PHP on client side |
| **10** | **1** | Revision |
| **2** | Practice |
| **3** | Sessional |
| **11** | **1** | MySQL | 8 | To save the user session on server side |
| **2** | Connecting to MySQL |
| **3** | Database introduction |
| **12** | **1** | Creation and insertion MySQL | 9 | Design website using WORDPRESS or JOOMLA |
| **2** | Deletion and Retrivel MySQL |
| **3** | MyPHP admin |
| **13** | **1** | Revision |  |  |
| **2** | Revision |  |  |
| **3** | Sessional |  |  |
| **14** | **1** | Revision |  |  |
| **2** | Revision |  |  |
| **3** | Revision |  |  |
|  |  |  |  |  |
|  |  |  |  |
|  |  |  |  |