**WEB DEVELOPMENT USING PHP**

**DETAILED CONTENTS**

**PHP Introduction (20 Periods)**

Introduction to PHP: How PHP Works , The php.ini File, Basic PHP Syntax, PHP variables, statements, operators, decision making, loops, arrays, strings, PHP OOPs concept, PHP forms ( form handling , validation ) , get and post methods, functions.

Introduction to cookies, storage of cookies at client side, Using information of cookies.Creating single or multiple server side sessions. Timeout in sessions.

**PHP and MySQL (10 Periods)**

Introduction to MySQL, connecting to MySQL, database, creation, insertion, deletion and retrieval of MySQL data using PHP.

**Ajax (08 Periods )**

AJAX Introduction, XMLHttp management, Request object, server response, AJAX events,Validation, Interaction with API

**WordPress (CMS) (18 Periods)**

*WordPress Basics:*

Introduction to content systems based on PHP, Introduction to

WordPress, How WordPress Works ,Installation of WordPress

*Posts&Pages:*

Introduction to Blogging, Creating Blogs, Using Images, Wrapping Text Around Images,Comments, Post Formats, Linking to Posts, Pages, and Categories, Using Smilies, Links Manager, WordPress Feeds, Using Password Protection,

*Customizing Site Appearance and Themes:*

Developing a Color Scheme, Designing Headers, CSS Horizontal Menus, Dynamic Menu Highlighting, Navigation Links, Next and Previous Links, Styling for Print, Designing Your Post Meta Data Section, Separating Categories in your Post Meta Data Section,Customizing the Read More, Formatting Date and Time, Finding CSS Styles, Creating Individual Pages, Uploading Files using WordPress Themes, Templates, Template Tags,

Template Hierarchy, Validating a Website, Know Your Sources, WordPress Site Maintenance

**LIST OF PRACTICALS**

1. Design PHP based web pages using correct PHP, CSS, and XHTML syntax, structure.

2. Create Web forms and pages that properly use HTTP GET and POST protocol as

appropriate.

3 Design SQL language within MySQL and PHP to access and manipulate databases.

4. Install and configure both PHP and MySQL.

5 Create PHP code that utilizes the commonly used API library functions built in to

PHP.

6. Design and create a complete web site that demonstrates good PHP/MySQL

client/serverdesign using ajax

7. To store a cookie using PHP on client side.

8. To save the user session on server side.

9. Design website using WordPress

10. Creation of basic Blogging website