**Lesson Plan**

**Name of faculty : Mrs. Neelam Rani**

**Discipline :** Computer Engineering

**Semester :** 5th

**Subject :** WEB DEVELOPMENT USING PHP

**Lesson Plan Duration :** 15 Weeks

**Work Load(Lecture/ Practical) per week (in hours):** Lectures-03, Practicals – **06**

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| **Week** | **Theory** | | **Practical** | |
| **Lecture day** | **Topic**  **(including assignment /**  **test)** | **Practical day** | **Topic** |
| 1st | 1st | Introduction to HTML 5 and CSS 3 | 1 | Design PHP based web pages using correct PHP, CSS, and XHTML syntax, structure. |
| 2nd | Basic structure of HTML |
| 3rd | Designing a web page |
| 2nd | 4th | inserting liks images, horizontal rules, comments | 2 | Design PHP based web pages using correct PHP, CSS, and XHTML syntax, structure. |
| 5th | Formatting text, title, headings |
| 6th | Colors, fonts, sizes |
| 3rd | 7th | Simple tables and forms | 3 | Create Web forms and pages that properly use HTTP GET and POST protocol as  appropriate. |
| 8th | HTML tags, hyperlinks |
| 9th | Adding graphics and images |
| 4th | 10th | Image maps, image files | 4 | Design SQL language within MySQL and PHP to access and manipulate databases.  . |
| 11th | Using tables |
| 12th | Using Forms |
| 5th | 13th | Using Forms | 5 | Design SQL language within MySQL and PHP to access and manipulate databases. |
| 14th | Style sheets |
| 15th | Frames |
| 6th | 16th | Floating of web site/pages. | 6 | Find Install and configure both PHP and MySQL |
| 17th | Introduction to PHP: How PHP Works |
| 18th | The php.ini File |
| 7th | 19th | Basic PHP Syntax | 7 | Create PHP code that utilizes the commonly used API library functions built in to PHP. |
| 20th | PHP variables, statements |
| 21st | Operators |
| 8th | 22nd | Decision making | 8 | Design and create a complete web site that demonstrates good PHP/MySQL client/serverdesign. |
| 23rd | Loops |
| 24th | Arrays |
| 9th | 25th | Strings | 9 | Design and create a complete web site that demonstrates good PHP/MySQL client/serverdesign. |
| 26th | Forms |
| 27th | Get Method |
| 10th | 28th | Post Method | 10 | Design and create a complete web site that demonstrates good PHP/MySQL client/serverdesign. |
| 29th | Functions. |
| 30th | Introduction to cookies |
| 11th | 31st | storage of cookies at client side | 11 | To store a cookie using PHP on client side. |
| 32nd | Using information of cookies. |
| 33rd | Creating single or multiple server side sessions |
| 12th | 34th | Timeout in sessions | 12 | To save the user session on server side |
| 35th | Event management in PHP |
| 36th | . Introduction to content management systems based on PHP. |
| 13th | 37th | Introduction to MySQL | 13 | To save the user session on server side |
| 38th | Connecting to MySQL |
| 39th | Database |
| 14th | 40th | Creation | 14 | Design website using wordpress or Joomla. |
| 41st | Insertion |
| 42nd | Deletion |
| 15th | 43rd | Retrieval of MySQL data using PHP | 15 | Design website using wordpress or Joomla. |
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|  | Sessional Test |