**NAME OF THE FACULTY** : Ms. Priyanka

**DISCIPLINE** : Computer Engineering

**SEMESTER** : 5 th

**SUBJECT** : Web Development using PHP

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| **WEE K** | **THEORY** | | **PRACTICAL** | | |
| **Lecture**  **/ Hrs** | **TOPIC**  **(Including Assignment/Test)** | **Practical**  **/ Hrs** | | **Experiment** |
| 1st | 1 | **Introduction** to Developing Portals using HTML | Group-1 & Group-2 | 1 | Design PHP based web pages using correct PHP, CSS, and XHTML syntax, structure. |
| 2 |
| 2 | Introduction to HTML 5, Basic structure of HTML | 3 |
| Group-1 & Group-2 | 1 | Design PHP based web pages using correct PHP, CSS, and XHTML syntax, structure. |
| 3 | Introduction to CSS3, | 2 |
| 3 |
| 2nd | 4 | Basic structure of HTML, Designing a web page | Group-1  & Group-2 | 1 | Create Web forms and pages that properly use HTTP GET and POST protocol as appropriate. |
| 2 |
| 3 |
| Group-1 & Group-2 | 1 | Create Web forms and pages that properly use HTTP GET and POST protocol as appropriate. |
| 5 | Inserting links, images, horizontal rules, comments | 2 |
| 6 | Inserting links, images, horizontal rules, comments | 3 |
| 3rd | 7 | Formatting text, title, headings, colors, fonts, sizes, simple tables and forms | Group-1 & Group-2 | 1 | Create Web forms and pages that properly use HTTP GET and POST protocol as appropriate. |
| 2 |
| 8 | Formatting text, title, headings, colors, fonts, sizes, simple tables and forms | 3 |
| Group-1  & Group-2 | 1 | Create Web forms and pages that properly use HTTP GET and POST protocol as appropriate. |
| 9 | HTML tags, hyperlinks, Adding graphics and images | 2 |
| 4th | 10 | Image maps, image files | Group-1 & Group-2 | 1 | Design SQL language within MySQL and PHP to access and manipulate databases. |
| 2 |
| 11 | Using tables, forms, Using style sheets and frames | 3 |
| Group-1 & Group-2 | 1 | Design SQL language within MySQL and PHP to access and manipulate databases. |
| 12 | Floating of web site/pages | 3 |
| 5th | 13 | **Revision of unit-1** | Group-1 & Group-2 | 1 | Design SQL language within MySQL and PHP to access and manipulate databases. |
| 2 |
| 14 | Introduction to PHP, Introduction to PHP: How PHP Works | 3 |
| Group-1 & Group-2 | 1 | Design SQL language within MySQL and PHP to access and manipulate databases. |
| 15 | The php.ini File, The php.ini File, Basic PHP Syntax | 2 |

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| 6th | 16 | Revision of PHP | Group-1  & Group-2 |  | Install and configure both PHP and MySQL. |
| 2 |
| 17 | Sessional 1 | 3 |
| Group-1  & Group-2 | 1 | Install and configure both PHP and MySQL. |
| 18 | PHP variables functions, PHP statements functions, PHP operators functions | 2 |
| 3 |
| 7th | 19 | PHP decision making functions, PHP loops functions | Group-1 & Group-2 | 1 | Install and configure both PHP and MySQL. |
| 2 |
| 20 | PHP arrays functions, PHP strings functions, PHP forms functions | 3 |
| Group-1 &  Group-2 | 1 | Install and configure both PHP and MySQL. |
| 21 | PHP get and post methods, PHP get and post methods, Introduction to cookies | 2 |
| 3 |
| 8th | 22 | storage of cookies at client side, Using information of cookies. Introduction to content management systems based on PHP. | Group-1 & Group-2 | 1 | Create PHP code that utilizes the commonly used API library functions built in to PHP. |
| 2 |
| 23 | Creating single or multiple server side sessions. Event management in PHP | 3 |
| Group-1 & Group-2 | 1 | Create PHP code that utilizes the commonly used API library functions built in to PHP. |
| 24 | PHP and MySQL, Introduction to MySQL | 2 |
| 3 |
| 9th | 25 | MySQL Commands, connecting to MySQL | Group-1 & Group-2 | 1 | Design and create a complete web site that demonstrates good PHP/MySQL client/server  design |
| 2 |
| 26 | Database creation, Database insertion, Deletion of MySQL data using PHP | 3 |
| Group-1 & Group-2 | 1 | Design and create a complete web site that demonstrates good PHP/MySQL client/server  design |
| 27 | Retrieval of MySQL data using PHP | 2 |
| 3 |
| 10th | 28 | Assignment -2 | Group-1 & Group-2 | 1 | To store a cookie using PHP on client side. |
| 2 |
| 29 | Sessional Test -2 | 3 |
| Group-1 & Group-2 | 1 | To store a cookie using PHP on client side. |
| 30 | Install Wamp Server,Joomla on web serber,global configuration,article manager,archive ,frontpage,section | 2 |
| 3 |
|  | Category ,media,menu,component,content ,extension | 2 |
| 3 |
|  |  | Module,plug in template ,how to install new module and template |  |  |  |
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| 11th | 31 | How to install new plugin ,joomla positions,layout structure ,how to understand joomla template | Group-1 & Group-2 | 1 | To save the user session on server side. |
| 2 |
| 32 | Revision & Seminar | 3 |
| Group-1 &  Group-2 | 1 | To save the user session on server side. |
| 33 | Templatedetails.xml ,file creating java script | 2 |
| 3 |
| 12th | 37 | Displaying content ,custom forms ,change form appearance | Group-1 & Group-2 | 1 | To save the user session on server side. |
| 2 |
| 38 | Revision of Joomla | 3 |
| Group-1 & Group-2 | 1 | To save the user session on server side. |
| 39 | Seminar –Joomla & frontend | 32 |
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| 13th | 40 | CSS | Group-1 & Group-2 | 1 | Design website using word press or Joomla |
| 2 |
| 41 | **Revision of unit -4** | 3 |
| Group-1  & Group-2 | 1 | Design website using word press |
| 42 | Revision of unit 5 | 2 |
| 3 |
| 14th | 43 | Assingnment checking | Group-1 & Group-2 | 1 | Design webpage by using joomla |
| 2 |
| 44 | **Seminar of unit 1and unit 2** | 3 |
| Group-1 & Group-2 | 1 |  |
| 45 | **Revision of unit 3 & unit 4** | 2 |
| 3 |

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| 15th | 43 | Assingnment checking | Group-1 & Group-2 | 1 | Design website by using joomla |
| 2 |
| 44 | **Revision of unit 5** | 3 |
| Group-1 & Group-2 | 1 |  |
| 45 | **Sessional** | 2 |
| 3 |