**GOVT. POLYTECHNIC EDUCATION SOCIETY**

MORNI PANCHKULA

LESSON PLAN

NAME OF THE FACULTY: - Bijender Singh

DISCIPLINE: - Computer Engineering

SEMESTER: -5TH

SUBJECT: - Web Development using PHP

Lesson Plan Duration: - 15 weeks

Work Load (Lecture/Practical) per week (In hours): Lecture 03, Practical -06

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| **Week** | **Theory** | | **Practical** | |
| Lecture Day | Topic (Including assignment/test) | Practical | Topic |
| 1st | 1 | Introduction to HTML 5 | 1st | Design PHP based web pages using correct PHP, CSS, and XHTML syntax, structure. |
| 2 | Introduction to CSS 3 |
| 3 | Basic structure of HTML, designing a web page |
| 2nd | 4 | inserting liks images,  horizontal rules, comments |
| 5 | Formatting text, title, headings |
| 6 | colors, fonts, sizes, simple tables |
| 3rd | 7 | Forms, HTML tags, hyperlinks | 2nd | Create Web forms and pages that properly use HTTP GET and POST protocol as  appropriate. |
| 8 | adding graphics and images, image maps, image files |
| 9 | using tables, forms |
| 4th | 10 | Using Style sheets and frames, Floating of web site/pages. | 3rd | Design SQL language within MySQL and PHP to access and manipulate databases. |
| 11 | Revision |
| 12 | Revision/Test |
| 5th | 13 | Introduction to PHP |
| 14 | How PHP Works |
| 15 | The php.ini File |
| 6th | 16 | Basic PHP Syntax, | 4th | Install and configure both PHP and MySQL. |
| 17 | PHP variables, statements |
| 18 | operators |
| 7th | 19 | decision making | 5th | Create PHP code that utilizes the commonly used API library functions built in to PHP. |
| 20 | loops |
| 21 | arrays |
| 8th | 22 | Strings, forms | 6th | Design and create a complete web site that demonstrates good PHP/MySQL client/server design. |
| 23 | get and post methods |
| 24 | functions |
| 9th | 25 | Revision |
| 26 | Introduction to cookies |
| 27 | storage of cookies at client side |
| 10th | 28 | Using information of cookies | 7th | To store a cookie using PHP on client side. |
| 29 | Creating single or multiple server-side sessions |
| 30 | Timeout in sessions |
| 11th | 31 | Event management in PHP | 9th | Design website using wordpress or Joomla. |
| 32 | Revision |
| 33 | Introduction to content  management systems based on PHP- Part 1 |
| 12th | 34 | Introduction to content  management systems based on PHP- Part 2 |
| 35 | Revision/Test |
| 36 | Introduction to MySQL |
| 13th | 37 | connecting to MySQL database using PHP |
| 38 | Creation of MySQL data using PHP – Part 1 |
| 39 | Creation of MySQL data using PHP – Part 2 |
| 14th | 40 | Insertion of MySQL data using PHP – Part 1 |  | Revision |
| 41 | Insertion of MySQL data using PHP – Part 1 |
| 42 | deletion of MySQL data using PHP. |
| 15th | 43 | retrieval of MySQL data using PHP. |  | Revision |
| 44 | Revision |
| 45 | Revision/test |