**20XW48 WEB DESIGNING LAB**

**0 0 4 2**

**INTRODUCTION:** WWW – presentation / business logic layer-Browser architecture – HTTP architecture, Methods, Web Server Architecture.

**HTML**: Basic Structure – HTML tags – Tables – Forms – Links – Frames – DOM – Styling Tags.

**CSS:** Introduction – Types (Where to place CSS) – Rules – Selectors – Styling Fonts – Layouts – Positioning – Boot Strap.

**JavaScript:** Scripting Languages – Syntax – Variables – Data Types – Operators – Expressions – Conditional Statements – Loops – Arrays – Functions – Event Handling – Enhancing HTML Documents with JavaScript - AngularJS

**PHP:** Evaluation of PHP – Basic Syntax – Variables – Constants – Data Types – Operator – Expression – Form Processing – Looping – Functions – Arrays – Strings – PHP Global Array - Sessions – Cookies - NoeJS

**WEB PUBLISHING / HOSTING:** Host Registration – Domain Registering – Server FTP Upload – AJAX – JSON - MySQL

**EXERCISES:**

1. Create a simple website using HTML.
2. Create a website using CSS and JavaScript.
3. Create a simple PHP page to get the name of the user.
4. Create a form and receive the data using PHP.
5. Create and upload a website to the web using FTP.

**TEXTBOOKS:**

1. Elizabeth Castro and Bruce Hyslop, “Visual Quickstart Guide: HTML5 and CSS3“, Peachpit Press, 2013.
2. David Flanagan, ”JavaScript: The Definitive Guide”, O'Reilly Media, 2011.

**REFERENCES:**

1. Larry Ullman, ”PHP for the Web”, Peachpit Press, 2016.

Luke Welling, “PHP and Web Development”, Addison Wesley, 2008.