

COURSE TITLE : **WEB PROGRAMMING LAB**
COURSE CODE : **5139**
COURSE CATEGORY : **A**
PERIODS/WEEK : **4**
PERIODS/SEMESTER : **52**
CREDITS : **2**

TIME SCHEDULE

MODULE	TOPICS	PERIODS
1	Internet Fundamentals and HTML, CSS	13
2	JAVASCRIPT	13
3	Server Side Scripting – PHP	13
4	Database Handling, Content Management System	13
	TOTAL	52

General Outcomes :

- To understand Internet, tools used in Internet etc
- To understand web page design tools like HTML, CSS
- To know client side scripting language
- To know Server side scripting and database connectivity
- To Understand Web site development using Content Management System

Specific Outcomes:

Cycle 1

- 1.1. Practice Internet applications
- 1.2. Explore Web browsers , search engines
- 1.3. Familiarise with web portals, e-commerce sites, blogs etc
- 1.4. Develop simple HTML pages using Basic HTML Markup, HTML lists, Links and images, Data Table, frames
- 1.5. Develop web pages with user interface using CSS

Cycle 2

- 2.1. Develop web pages with Forms and its controls
- 2.2. Implement functions with JavaScript
- 2.3. Implement Event Handling using JavaScript
- 2.4. Implement form validation using JavaScript

Cycle 3

- 3.1 Familiarise LAMP environment
- 3.2 Design and develop simple php applications
- 3.3 Illustrate Form Data Retrieval using PHP
- 3.4 Implement session & cookie management using PHP
- 3.5 Demonstrate how to send a mail, generate PDF in a PHP page

Cycle 4

- 4.1 Illustrate database and table creation using web based database administration tools
- 4.2 Develop web pages for data handling using PHP (Insert, Delete and Update)
- 4.3 Develop reports (pdf & html data table) using data from database in PHP
- 4.4 Familiarize content Management System Joomla
- 4.5 Design and develop CMS supported web application using Joomla