

## Lesson Plan

**Discipline -** Computer Engg.  
**Semester-** VI th SEMESTER  
**Subject-** APPLICATION DEVELOPMENT USING WEB FRAMEWORK  
**Lesson Plan Duration -** 15weeks  
**Work load (Practical) per week (in hours) - 6**

Week	Practical	
	Lecture day	Topic
Week 1	1st	Practice on HTML, CSS, Java Script
	2nd	Practice on Ajax.PHP & MySql
Week 2	3rd	Install WordPress & Create Blogs
	4th	Practice
Week 3	5 th	Manage blogs features e.g. Images, Text Around Images, Comments, Post Formats, Linking, Pages, Categories, Smilies, Feeds, Gravatars, Password Protection
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Week 4	7th	Practice / viva
	8th	Practice various designing features: Colour Scheme, Headers, CSS Horizontal Menus, Dynamic Menu, Highlighting, Navigation Links, Print
Week 5	9th	Practice various designing features: Colour Scheme, Headers, CSS Horizontal Menus, Dynamic Menu, Highlighting, Navigation Links, Print
	10 <sup>th</sup>	Read More, Formatting Date and Time, Finding CSS Styles, Creating Individual Pages
Week 6	11 <sup>th</sup>	Uploading Files, Using WordPress Themes, Templates, Template Tags, Template Hierarchy,
	12 <sup>th</sup>	Practice
Week 7	13 <sup>th</sup>	Validating a Website, Know Your Sources, WordPress Site Maintenance
	14 <sup>th</sup>	Validating a Website, Know Your Sources, WordPress Site Maintenance
Week 8	15 th	Integrate PHP & MySql with WordPress
	16 <sup>th</sup>	Practice
Week 9	17 <sup>th</sup>	Install Moodle & various plugins
	18 <sup>th</sup>	Create a Moodle site and Database Schema
Week 10	19 <sup>th</sup>	Create a Moodle site and Database Schema
	20 <sup>th</sup>	Design Site appearance, Front page, Front page settings
Week 11	21 <sup>th</sup>	My Moodle, User profiles, Navigation, Course list, Themes, Theme settings, Header and footer, Language settings
	22 <sup>th</sup>	Using web services, Publishing a course, Blogs, RSS feeds
Week 12	23 <sup>th</sup>	Practice / viva
	24 <sup>th</sup>	Manage Moodle site, Managing authentication, Manual accounts, No login
Week 13	25th	Email-based self-registration,Account
	26 <sup>th</sup>	Create Roles and permissions, Assign roles,
Week 14	27 <sup>th</sup>	Implement Password salting.
	28 <sup>th</sup>	Perform Site backup, Course backup
Week 15	29th	Course restore, Automated course backup
	30 <sup>th</sup>	Practice / viva