

WEB DESIGNING & PUBLISHING WITH WORDPRESS - II

Course Objective	The goal for this course is to provide students the skills they need to effectively create and operate website using open source web designing tools.
Course Outcome	<ul style="list-style-type: none">• Understand elements of design with regard to the web• Students will be able to create, organize and design websites.• Understand What a Content Management System is and how it differs from traditional, flat websites

Unit 1: Contents, Themes and Customization

- 1.1 Categories and Tags
- 1.2 Images
- 1.3 Audio
- 1.4 Video
- 1.5 Other Media/Files
- 1.6 Themes
- 1.7 A few great themes
- 1.8 Theme Hacking
- 1.9 Child Themes

Unit 2: More on Design: Color and Typography

- 2.1 Color in Web Design
- 2.2 Color Schemes
- 2.3 Hex Colors
- 2.4 Typography
- 2.5 Taxonomy of Typefaces
- 2.6 Properties of Type
- 2.7 Design Principles for Typography
- 2.8 Web Fonts

Unit 3: Wordpress Plugins, Analytics, and Security

- 3.1 WordPress Plugins
- 3.2 Jetpack
- 3.3 Caching
- 3.4 Search Engine Optimization
- 3.5 Google Analytics
- 3.6 Security

Unit 4: Advanced HTML, CSS, and PHP Features

- 4.1 A better Text Editor
- 4.2 CSS Hover, Pseudo-Classes, and Pseudo-Elements
- 4.3 CSS Transitions and Animations
- 4.4. Wordpress Templates

4.5. Conclusion

Reference Book:

1. Professional wordpress: Design and Development --- Wrox Publication
2. The Complete Reference - HTML & CSS -- Thomas A. Powell
3. HTML, CSS and Java Script - All in One - Pearson
4. Building Web Apps with WordPress: WordPress as an Application Framework --- Book By Brian Messenlehner and Jason Coleman
5. WordPress for Beginners 2021: A Visual Step-by-Step ---- Book by Andy J. Williams
6. Web Programming -- **Prof. Kiran Gurbani**, Himalaya Publishing House