



Subject Name: Creating Websites using Wordpress

Subject Code: BTCO18103

Type of course: TransDisciplinary

Prerequisite : Basic knowledge of HTML

List of Courses where this course will be prerequisite: -

Rationale: Introduction to Website design using WordPress. Create websites; blog about your activities; and integrate social media into your online presence. Students will apply previously learned design, typography, and software skills to create, organize, and structure content for clarity and impact through the use of type, color, image, and interactivity using WordPress.

Teaching and Examination Scheme:

Teaching Scheme				Theory Marks			Practical Marks		Total
L	T	P	C	TEE	CA1	CA2	TEP	CA3	
2	0	0	0	0	0	50	0	0	50

CA1: Continuous Assessment (assignments/projects/open book tests/closed book tests CA2: Sincerity in attending classes/class tests/ timely submissions of assignments/self-learning attitude/solving advanced problems TEE: Term End Examination TEP: Term End Practical Exam (Performance and viva on practical skills learned in course) CA3: Regular submission of Lab work/Quality of work submitted/Active participation in lab sessions/viva on practical skills learned in course

Content:

Sr. No.	Content	Total Hrs
1	Introduction to CMS: Introduction to Content Management Systems, Main Features of CMS: Web Content Management System, Component Content Management System, Enterprise Content Management System, Introduction of Blogs	4
2	Introduction to WordPress: Introduction to WordPress, Setting up WordPress, Installing WordPress, Overview of Working of WordPress, Dashboard, Settings: General, Writing, Reading, Discussion, Media, Privacy, Permalinks, Configuring and Managing Accounts, Users	4
3	Adding Contents: WordPress Categories, WordPress Posts, WordPress Media, WordPress Pages, WordPress Tags, WordPress Links, WordPress Comments	5
4	Customization with WordPress: Introduction to WordPress Themes, Customized WordPress Theme : Default Theme, New Theme, Theme Editor, Post Frames, Getting Fancy with Themes : Customization of Themes with CSS, Set up of Menus	5
5	Widgets and Plug-ins: Widgets versus Plug-ins: What's the Difference? , Adding and Activating Plug-ins, Using Widgets, Updating Plug-ins, Putting It All Together	4
6	Working with Media: Using the Media Library, Editing Images, Creating and Managing Image Galleries, Using Audio and Video Files, Putting It All Together	5



7	Publish Webpages, Website and Blogposts: Web Hosting Only, registering a Domain & Web Hosting, Making the Website Live, Restoring the Backup	3
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Suggested Specification table with Marks (Theory): (For B.Tech only)

Distribution of Theory Marks					
R Level	U Level	A Level	N Level	E Level	C Level
20	20	10	0	0	0

Legends: R: Remembrance; U: Understanding; A: Application, N: Analyze and E: Evaluate C: Create and above Levels (Revised Bloom's Taxonomy)

Note: This specification table shall be treated as a general guideline for students and teachers. The actual distribution of marks in the question paper may vary slightly from above table.

Reference Books:

Sr. No	Title of book /article	Author(s)	Publisher and details like ISBN	Year of publication	Publication Edition
1	Visual Quick Start Guide- WordPress,	Jessica Neuman Beck, Matt Beck	Pearson Publication		
2	WordPress for Dummies	Lisa Sabin - Wilson	Wiley Publication		
3	Professional Wordpress®: Design And Development,	Brad Williams, David Damstra, Hal Stern	Wiley Publication		Second Edition

Course Outcomes (CO):

Sr. No.	CO statement	Marks % weightage
1	Understand and use the open source Content manager - WordPress platform	20%
2	Identify the use of tools and technologies available in a web design software program - WordPress.	20%
3	Understand of setup and customize the WordPress themes and manage the contents using WordPress	20%
4	Understand the visual concepts through Media library	30%



5	Utilize knowledge of this course to design functional website using web design software	10%
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List of Open learning website:

1. <https://www.tutorialspoint.com/wordpress/index.htm>
2. <https://www.coursera.org/projects/build-a-full-website-using-wordpress>

List of Open Source Software: ----- NIL -----

FOR LAB SESSIONS: NA

List of Experiments: ----- NIL-----

Major Equipment Needed: -----NIL -----



Year: I (Sem II)

Subject Name: Introduction to Cyber Security

Subject Code: BTCO18201

Type of course: TransDisciplinary

Prerequisite: -

List of Courses where this course will be prerequisite: Cyber Security & Cyber Laws

Rationale: In the growing digital age, we have become more dependent on the internet for many of our daily activities. There are advantages and disadvantages of using the internet. Every day we see new cyber crime being reported. This course will provide awareness to deal with cyber crimes and take precautions to remain safe.

Teaching and Examination Scheme:

TEACHING SCHEME				Theory Marks			Practical Marks		Total
L	T	P	C	TEE	CA1	CA2	TEP	CA3	