
 Estd 1984	<b>KONGU ENGINEERING COLLEGE</b> (Autonomous) PERUNDURAI - 638060 <b>INTERNAL QUALITY ASSURANCE CELL</b>		 CERT No. 99-100-20788 ISO 9001 : 2015
	<b>Approval for Value Added Course (Two Credit)</b>		

Academic Year: 2021-2022 Even Semester

DEPARTMENT OF CSE

Date: 31.03.2022

1.	Academic Year	:	2021-2022	Semester : Even			
2.	Course Title	:	Webpage Development using WORDPRESS	Credit(s): Two			
3.	Type of Course	:	Already offered course				
	• If "Already offered course",	:	Course Code: 18VAC73	Version: --			
4.	Course Coordinator(s)	:	Dr PCD Kalaivaani. Ms K.Nithya				
5.	Course offered by	:	Internal faculty				
6.	Name and designation of external resource persons	:	Nil				
7.	Details about external organization	:	Nil				
8.	Course fee for external experts		Max. number of students/Batch		Course fee / student		
	Nil		30		Nil		
9.	No. of days	Period		No. of hours		Venue / Meet ID	
		From	To	Lecture	Practical		Total
	25	11.04.2022	08.05.2022	30	20	50	IT Park
10.	Pre-requisites for offering the course	:	Nil				
11.	Course offered to	:	Programme	Branch	Year/Semester		
		:	BE	All Branches	III / VI		
12.	Course Main Contents	:	Day 1	Install WordPress after creating domain and hosting account			
		:	Day 2	Design an web page by choosing appropriate color schemes and fonts			

		Day 3	Design an web page by choosing appropriate layouts, images and links		
		Day 4	Add page navigation and display time and tags in the webpage		
		Day 5	Use existing themes / Create child themes to enhance the view of the website		
		Day 6	Customizing the Dashboard by removing/changing the modules.		
		Day 7	Add posts or advertisements in the form of text , multimedia to the website		
		Day 8	Hands on session on advertisement creation		
		Day 9	Create tags and categories for organizing contents of the website to enhance Search Engine Optimization		
		Day 10	Integrate WordPress website with social media links such as Facebook, Twitter		
		Day 11	Create a Single Blog Post / Archive Template using plugin		
		Day 12	Examining the difference between Posts and Pages		
		Day 13	Inserting Audio files and Podcasting with wordpress.		
		Day 14	Assign different roles such as Administrator, Editor, Follower, Viewers to various user of the website depending upon their responsibility.		
			Day 15	Practical session for applying the concept learned with different roles	
			Day 16	Use database connectivity for data manipulation using MySQL.	
	Day 17		Customize the webpage in the aspects of Images, Typography, Page layout, Contact Forms etc., using Widgets		
	Day 18		Webpage creation hands on session		
	Day 19		Exploring and tweaking the configuration file for optimization.		
	Day 20		Optimize the WordPress site performance by implementing WordPress caching plugin.		
	Day 21		Perform user management using Ultimate Member plugin		
	Day 22		Use UpdraftPlus, BackUpWordPress plugin to take backup of the website and to perform host transfer.		
	Day 23		Develop Video on Demand Site using appropriate WordPress plugin		
	Day 24		Develop an ecommerce site using appropriate WordPress plugin		
	Day 25		Project Development Presentation		
	13.	Course Outcomes	:	After completing the course the student will be able to: <ul style="list-style-type: none"><li>• Design a web page by using WordPress themes and widgets</li><li>• Develop an interactive web page using templates , posts, tags ,and blogs</li><li>• Apply database connectivity for manipulating data provided in the web page</li><li>• Make use of plug-ins to customize the web page and deploy it</li></ul>	
	14.	Course Assessment (Min. 2 )	:	S. No.	Type
			1	Multiple Choice Questions	5/25 Marks
			2	Application Development	4/15 Marks
				Total	100 Marks



15.	<p>Verified that the content of this course is not offered to students partially/fully in regular curriculum of respective programme of the student.</p> <p>Certify that the course content, credits and grade are approved in the BOS meeting or approved by internal BOS members and will be ratified in the next BOS meeting</p>		<p><i>[Signature]</i> 24/3/22</p> <p>(Signature of the HoD after verification)</p>
16.	Any other details	:	-

The above proposal may kindly be approved.

*[Signature]*  
31/3/22

Course co-ordinator(s)

Encl:

1. Copy of the syllabus of the course
2. Financial proposal from the external organization (if any)

*[Signature]*  
31/3/22

HOD

*[Signature]*  
31/3/22

Chief Coordinator/Academic

Preamble This course helps the learners to install the wordpress and to design the webpage by embedding various plugins

Unit - I Installing WordPress and Modifying Themes 15

Installing WordPress – Installing Themes – Creating a Child Themes – Modifying a Theme – WordPress Loop – Customizing the Dashboard – Adding/Customizing Blog's Format – Page Navigation – Tags and Categories – Wrapping Text around Images – Spitting the page into Templates – Exploring Podcasting and video Blogging.

Unit - II Designing a Page, Customizing and Deployment: 15

Creating a Page for Single Posts – Customizing the Navigation Menu – Adding a Favicon – Integrating Social Media links – Assigning different roles to the user – Adding a Contact Form – Designing email panel – Database connectivity – Optimizing the Performance and Security of the site – Uploading a WordPress Site.

#### List of Exercises / Experiments:

1. Install WordPress after creating domain and hosting account
2. Design a web page by choosing appropriate color schemes, fonts, layouts, images and links
3. Customizing the dashboard and use existing themes to enhance the view of the website
4. Add posts or advertisements, tags and categories in the form of text, multimedia to the website
5. Integrate WordPress Website with Social Media Links such as Facebook, Twitter
6. Insert audio files, Single Blog Post, Archive Template using plugin
7. Assign different roles such as Administrator, Editor, Follower, viewers to various user of the website depending upon their responsibility.
8. Use database connectivity for data manipulation using MySQL.
9. Exploring configuration files to optimize the WordPress site performance by implementing WordPress caching plugin
10. Use UpdraftPlus, BackUpWordPress plugin to take backup of the website and Perform Host Transfer

#### REFERENCES:

Lecture:30, Practical:20, Total: 40

1. Sarah Mcharry, "WordPress To Go". First Edition, 2012, Nicbee Publishing
2. Lisa Sabin Wilson and Cory Miller, "WordPress All-in-one For Dummies", First Edition, 2011, Wiley Publishing

#### COURSE OUTCOMES:

On completion of the course, the students will be able to

	BT Mapped (Highest Level)
CO1 Design a web page by using WordPress themes and widgets	Applying (K3) Precision (S3)
CO2 Develop an interactive web page using templates, posts, tags and blogs	Applying (K3) Precision (S3)
CO3 Apply database connectivity for manipulating data provided in the web page	Applying (K3) Precision (S3)
CO4 Make use of plugins to customize the web page and deploy it	Applying (K3) Precision (S3)

#### Mapping of COs with POs and PSOs

COs/POs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
CO1	3	2	2	1	2				1	1	1		1	1
CO2	3	2	2	1	2				1	1	1		1	1
CO3	3	2	2	1	2				1	1	1		1	1
CO4	3	2	2	1	2				1	1	1		1	1

1 – Slight, 2 – Moderate, 3 – Substantial, BT- Bloom's Taxonomy

#### ASSESSMENT PATTERN

Test / Bloom's Category*	Remembering (K1) %	Understanding (K2) %	Applying (K3) %	Analyzing (K4) %	Evaluating (K5) %	Creating (K6) %	Total %
Assessment1 (MCQ -25 marks)	10	40	50				100
Assessment2 (Miniproject -75 marks)		30	70				100



**KONGU ENGINEERING COLLEGE PERUNDURAI ERODE - 638060**  
**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**

**18VAC73 - Web Page Development Using Wordpress**

S.No	Roll No	Name of the Students	Conducted periods (Hrs)	Attended periods (Hrs)	Attendance %
1	19AUL045	AKASH R	50	42	84
2	19AUL046	DHANUSH ATHITHYA K B	50	38	76
3	19AUL047	DINESH KUMAR S	50	39	78
4	19AUL048	GOBITH P	50	41	82
5	19AUL050	GOKUL RAJ C	50	38	76
6	19AUL051	GOWTHAM S	50	38	76
7	19AUL053	KALANITHI B	50	39	78
8	19AUL056	MUTHUKUMAR P B	50	38	76
9	19AUL059	SARAVANA KUMAR K	50	22	44
10	19AUL060	SIVABALARAJAN P	50	39	78
11	19AUL061	SUDHAKAR S	50	40	80
12	19AUR002	ARUN M U	50	38	76
13	19AUR012	KABILESH R	50	37	74
14	19AUR017	MOHAN KUMAR D	50	40	80
15	19AUR019	MONISHA M	50	21	42
16	19AUR020	NAVEEN L	50	40	80
17	19AUR021	NAVEENKUMAR T	50	37	74
18	19AUR022	NAVIN S R	50	37	74
19	19AUR024	POOMANI R	50	39	78
20	19AUR028	SAKTHI GANESH P	50	40	80
21	19AUR030	SANTHOSH S	50	38	76
22	19AUR032	SARAVANAN K	50	38	76
23	19AUR033	SIDDHARTHAN T	50	37	74
24	19AUR036	SUBASH T	50	39	78
25	19AUR039	VASANTH R	50	40	80
26	19AUR040	VENUGOPAL S	50	39	78
27	19CSR115	NANDHA KISHORE K C	50	41	82
28	19CSR137	PRANESH T	50	42	84
29	19CSR143	PRAVIN KUMAR P	50	40	80
30	19CSR148	PREMNATH S	50	39	78
31	19CSR151	RAHUL S	50	38	76
32	19CSR164	ROHIT M	50	38	76
33	19CSR166	SAKTHIVISHNU B	50	38	76
34	19CSR167	SAMITHRAJ K	50	39	78

1. *[Signature]*  
2. *[Signature]*  
**Course Co-ordinators**  
Dr. PCD.Kalaivaani  
Ms. K. Nithya

*[Signature]*  
**HoD / CSE**



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S.No	Roll No	Name of the Student	20 Test -I	75 Application	100 Total
1	19AUL045	AKASH R	18	63	81
2	19AUL046	DHANUSH ATHITHYA K B	19	68	87
3	19AUL047	DINESH KUMAR S	19	64	83
4	19AUL048	GOBITH P	16	60	76
5	19AUL050	GOKUL RAJ C	13	61	74
6	19AUL051	GOWTHAM S	16	69	85
7	19AUL053	KALANITHI B	20	68	88
8	19AUL056	MUTHUKUMAR P B	12	60	72
9	19AUL060	SIVABALARAJAN P	19	64	83
10	19AUL061	SUDHAKAR S	16	55	71
11	19AUR002	ARUN M U	19	72	91
12	19AUR012	KABILESH R	17	62	79
13	19AUR017	MOHAN KUMAR D	18	63	81
14	19AUR020	NAVEEN L	21	70	91
15	19AUR021	NAVEENKUMAR T	18	66	84
16	19AUR022	NAVIN S R	20	67	87
17	19AUR024	POOMANI R	16	63	79
18	19AUR028	SAKTHI GANESH P	18	71	89
19	19AUR030	SANTHOSH S	19	70	89
20	19AUR032	SARAVANAN K	15	58	73
21	19AUR033	SIDDHARTHAN T	20	64	84
22	19AUR036	SUBASH T	19	71	90
23	19AUR039	VASANTH R	19	70	89
24	19AUR040	VENUGOPAL S	18	64	82
25	19CSR115	NANDHA KISHORE K C	20	73	93
26	19CSR137	PRANESH T	17	72	89
27	19CSR143	PRAVIN KUMAR P	15	72	87
28	19CSR148	PREMNATH S	21	72	93
29	19CSR151	RAHUL S	18	71	89
30	19CSR164	ROHIT M	18	70	88
31	19CSR166	SAKTHIVISHNU B	18	72	90
32	19CSR167	SAMITHRAJ K	18	72	90

1. *[Signature]*  
2. *[Signature]*  
**Course Co-ordinators**  
Dr. PCD.Kalaivaani  
Ms. K. Nithya

*[Signature]*  
24/8/22  
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**18VAC73 - Web Page Development Using Wordpress**

S.No	Roll No	Name of the Student	Test -I
1	19AUL045	AKASH R	Present
2	19AUL046	DHANUSH ATHITHYA K B	Present
3	19AUL047	DINESH KUMAR S	Present
4	19AUL048	GOBITH P	Present
5	19AUL050	GOKUL RAJ C	Present
6	19AUL051	GOWTHAM S	Present
7	19AUL053	KALANITHI B	Present
8	19AUL056	MUTHUKUMAR P B	Present
9	19AUL060	SIVABALARAJAN P	Present
10	19AUL061	SUDHAKAR S	Present
11	19AUR002	ARUN M U	Present
12	19AUR012	KABILESH R	Present
13	19AUR017	MOHAN KUMAR D	Present
14	19AUR020	NAVEEN L	Present
15	19AUR021	NAVEENKUMAR T	Present
16	19AUR022	NAVIN S R	Present
17	19AUR024	POOMANI R	Present
18	19AUR028	SAKTHI GANESH P	Present
19	19AUR030	SANTHOSH S	Present
20	19AUR032	SARAVANAN K	Present
21	19AUR033	SIDDHARTHAN T	Present
22	19AUR036	SUBASH T	Present
23	19AUR039	VASANTH R	Present
24	19AUR040	VENUGOPAL S	Present
25	19CSR115	NANDHA KISHORE K C	Present
26	19CSR137	PRANESH T	Present
27	19CSR143	PRAVIN KUMAR P	Present
28	19CSR148	PREMNATH S	Present
29	19CSR151	RAHUL S	Present
30	19CSR164	ROHIT M	Present
31	19CSR166	SAKTHIVISHNU B	Present
32	19CSR167	SAMITHRAJ K	Present

1. *[Signature]*

2. *[Signature]*

**Course Co-ordinators**

Dr. PCD.Kalaivaani

Ms. K. Nithya

*[Signature]*  
2/8/22

**HoD / CSE**