	KONGU ENGINEERING COLLEGE PERUNDURAI ERODE - 638 060 (Autonomous)	AC- 04 1 Revision -1
Estd : 1984	COURSE PLAN - THEORY COURSE	IQAC

Name of the Faculty, Designation & Dept.	Dr. K. Nirmala Devi, AP(SLG), CSE	Programme & Department of the Students	BE & CSE
Course Code & Name	14ITT52 - Web Technology	Academic Year, Semester & Section	2019-2020, V, A

1. COURSE OUTCOMES

On completion of the course, the students will be able to		BT Level
CO1	Design static web pages using HTML and CSS	K3
CO2	Develop interactive web pages using JavaScript	K3
CO3	Apply JavaScript for event handling and form validation	K3
CO4	Demonstrate the principles of web server and AJAX	K3
CO5	Develop a web application using PHP with database connectivity and session tracking	K3

Mapping of COs with POs, PSOs

COs / POs & PSOs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
CO1	3	2	1	1									3	2
CO2	3	2	1	1									3	2
CO3	3	2	1	1									3	2
CO4	3	2	1	1									3	2
CO5	3	2	1	1									3	2

1 – Slight, 2 – Moderate, 3 – Substantial

2. COURSE PLAN
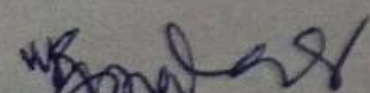
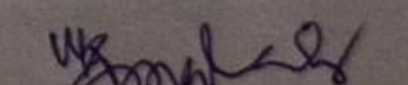| S. No.	Intended learning Outcomes	CO(s) Mapped	BT Level	TLM	Planned Date	Planned Period	Actual Date	Actual Period
1.	ILO 1.1 Outline the basics of Internet	CO1	K1	M1	17.6.19	1		
2.	ILO 1.2 List the basic tags to create a web page	CO1	K2	M3, M6	19.6.19 20.6.19	1 6		
3.	ILO 1.3 Create a table with the aid of html <table> tag	CO1	K3	M3	21.6.19	5		

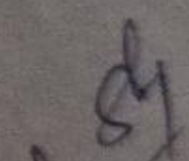|									
4.	*ILO 1.4 Design a simple web form using HTML tags*	CO1	K3	M3, M6	24.6.19	1			
5.	ILO 1.5 Summarize the necessity of page structured elements	CO1	K2	M6	26.6.19	1			
6.	ILO 1.6 Identify different CSS styles	CO1	K1	M1	27.6.19	6			
7.	ILO 1.7 Apply different types of styles to add design to web pages	CO1	K3	M3, M5, M6	28.6.19 1.7.19	5 1			
8.	ILO 2.1 Illustrate the basic programming constructs of JavaScript	CO2	K3	M1, M3	3.7.19	1			
9.	ILO 2.2 Write a JavaScript program to obtain input from users dynamically through prompt()	CO2	K3	M3	4.7.19	6			
10.	ILO 2.3 Demonstrate the use of conditional and branching statements in JavaScript	CO2	K3	M1	5.7.19 8.7.19	5 1			
11.	ILO 2.4 Differentiate between different looping statements in JavaScript	CO2	K2	M1	10.7.19	1			
12.	ILO 2.5 Make use of user-defined functions to change the web content dynamically	CO2	K3	M3	11.7.19 12.7.19 15.7.19	6 5 1			
13.	ILO2.6 Summarize the functionality of arrays in JavaScript	CO2	K2	M6	17.7.19	1			
14.	ILO 3.1 Apply math object to generate a random roll no.	CO3	K3	M3	24.7.19	6			
15.	ILO 3.2 Design and develop an online scientific calculator using math object	CO3	K3	M3	24.7.19	1			
16.	ILO 3.3 Demonstrate the purpose of string object for web form validation	CO3	K3	M3	25.7.19 26.7.19	6 5			
17.	ILO 3.4 Apply string object for keyword based search	CO3	K3	M3	29.7.19	1			
18.	ILO 3.5 Illustrate the date object for online booking system	CO3	K3	M1, M3	29.7.19	1			
19.	ILO 3.6 Outline the usage of Boolean and number object	CO3	K1	M1	1.8.19	6			
20.	ILO 3.7 Apply document object for creating dynamic web content	CO3	K3	M1, M3	1.8.19	5			
21.	ILO 3.8 Demonstrate DOM object to insert and remove web content dynamically	CO3	K3	M1, M3	2.8.19	1			
22.	ILO 3.9 Utilize DOM collections to dynamically modify the appearance of web content	CO3	K3	M1, M3	5.8.19	1			

No.	ILO	CO	K	Method	Date	Period
23.	ILO 3.10 Explain the necessity of JavaScript event handling mechanism	CO3	K2	M1	7.8.19, 8.8.19	6, 5
24.	ILO 3.11 Experiment with various JavaScript events	CO3	K3	M1, M3, M5	9.8.19, 2.9.19	1, 1
25.	ILO 4.1 Define HTTP transactions	CO4	K1	M1	3.9.19	6
26.	ILO 4.2 Describe multi-tier application architecture	CO4	K2	M1	4.9.19	5
27.	ILO 4.3 Demonstrate the installation and usage of Apache, Mysql and PHP	CO4	K2	M3	11.9.19	1
28.	ILO 4.4 Relate Apache web server with IIS web server	CO4	K2	M1	12.9.19	6
29.	ILO 4.5 Explain the benefits and features of AJAX	CO4	K2	M1	13.9.19	5
30.	ILO 4.6 Apply Ajax technology to optimize the performance of web page	CO4	K3	M3, M6	16.9.19, 18.9.19	1, 1
31.	ILO 5.1 Explain the benefits of PHP	CO5	K2	M6	19.9.19	6
32.	ILO 5.2 Illustrate various operators in PHP	CO5	K3	M1, M6	14.8.19, 16.8.19	1, 5
33.	ILO 5.3 Apply arrays in PHP to manipulate multiple data	CO5	K3	M3	19.8.19, 21.8.19	1, 1
34.	ILO 5.4 Construct a simple web page to perform pattern matching using regular expression and strings in PHP	CO5	K3	M3	22.8.19	6
35.	ILO 5.5 Utilize form processing mechanism in PHP to process the data submitted through an online event registration application	CO5	K3	M1, M3, M5	28.8.19, 20.9.19	1, 5
36.	ILO 5.6 Demonstrate the purpose of session tracking in a web application	CO5	K3	M1, M3	23.9.19, 25.9.19	1, 1
37.	ILO 5.7 Build a real time web application by making use of PHP and MySQL	CO5	K3	M3, M6	26.9.19, 30.9.19	6, 1

3. **Assessment Pattern**

| Sections/Tests | Mark Split up | | | | Cognitive Process K Levels Distribution in Percentage | | | | | CO Distribution (%) | | | | | Proposed Date of Assessment |
	Part -A	Part -B	Part -C	Total Marks	K1	K2	K3	K4	K5	CO1	CO2	CO3	CO4	CO5	
Test -1	20	30	-	50	12	40	48	-	-	50	50				22.7.19
Test -2	20	30	-	50	12	20	68	-	-	10		60		30	31.8.19
Test -3	20	30	-	50	16	36	48	-	-	10			50	40	11.10.19
Assignment					-	20	80	-	-	40	30	30			20.9.19
Other Assessment					20	30	50	-	-	10		30	20	40	3.10.19
Course Project					-	-	-	-	-	20	20	20	20	20	
ESE	20	65	15	100	6	34	60	-	-	20	20	20	20	20	Oct' 2019

Course Faculty

Course Coordinator

HOD