KONGU ENGINEERING COLLEGE PERUNDURAI ERODE - 638 060 (Autonomous)

AC- 04 1 Revision -1

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 compl	letion of th	ne course,	the students	s will be ab	e to									BT	Level					
COI	Design s	static web	pages usin	ng HTML a	nd CSS									k	(3					
CO2	Develop	interacti	ive web pag	ges using Ja	vaScript									K3						
CO3	Apply Ja	avaScrip	t for event	handling ar	nd form val	idation								K3						
CO4	Demonst	Demonstrate the principles of web server and AJAX														L PER LIBERTY	(3 ·			
CO5	Develop a web application using PHP with database connectivity and session tra				ssion tracki	ng						(3								
							lapping of	Control of the Contro												
COs POs & F		PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2					
COI		3	2	1	1	01.								3	2					
CO2	2	3	2	1	1	(A)								3	2					
CO3	3	3	2	1	1	201								3	2					
CO4	1	3	2	1	1									3	2					
					THE SHOP WATER TO SERVICE THE															

2. COURSE PLAN

S. No.	Intended learning Outcomes	CO(s) BT				ned	Actual		
	Antended rearring Outcomes	Mapped	Level	TLM	Date	Period	Date	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	1			
				1110, 1110	20.6.19	6			
3.	ILO 1.3 Create a table with the aid of html tag	CO1	K3	M3	21.6.19	5			

4.	ILO 1.4 Design a simple web form using HTML tags	COI	K3	M3, M6	24.6.19	1			
5.	ILO 1.5 Summarize the necessity of page structured elements	COI	K2	M6	26.6.19	1		1	
6.	ILO 1.6 Identify different CSS styles	CO1	K1	MI	27.6.19	6	1	-	
7.	ILO 1.7 Apply different types of styles to add design to web pages	COI	К3	M3, M5, M6	28.6.19	5		1	
8.	ILO 2.1 Illustrate the basic programming constructs of JavaScript	CO2	КЗ	M1, M3	3.7.19	1		1	
9.	ILO 2.2 Write a JavaScript program to obtain input from users dynamically through prompt()	CO2	К3	M3	4.7.19	6			
0.	ILO 2.3 Demonstrate the use of conditional and branching statements in JavaScript	CO2	КЗ	MI	5.7.19 8.7.19	5			
1.	ILO 2.4 Differentiate between different looping statements in JavaScript	CO2	K2	MI	10.7.19	1			
2.	ILO 2.5 Make use of user-defined functions to change the web content dynamically	CO2	К3	МЗ	11.7.19 12.7.19 15.7.19	6 5 1			
3.	ILO2.6 Summarize the functionality of arrays in JavaScript	CO2	K2	M6	17.7.19	1			
4.	ILO 3.1 Apply math object to generate a random roll no.	CO3	К3	M3	24.7.19	6			
15.	ILO 3.2 Design and develop an online scientific calculator using math object	CO3	К3	МЗ	24.7.19	1			
16.	ILO 3.3 Demonstrate the purpose of string object for web form validation	CO3	К3	МЗ	25.7.19 26.7.19	6 5			
17.	ILO 3.4 Apply string object for keyword based search	CO3	К3	M3	29.7.19	1			
18.	ILO 3.5 Illustrate the date object for online booking system	СОЗ	K3	M1, M3	29.7.19	1			
19.	ILO 3.6 Outline the usage of Boolean and number object	CO3	K1	MI	1.8.19	6			
20.	ILO 3.7 Apply document object for creating dynamic web content	CO3	К3	M1, M3	1.8.19	5			
21.	ILO 3.8 Demonstrate DOM object to insert and remove web content dynamically	CO3	К3	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			

ILO 3.10 Explain the necessity of JavaScript event handling mechanism CO3 K2 M1 78.19 5 ILO 3.11 Experiment with various JavaScript events CO3 K3 M1,M3,M3 98.19 1 ILO 4.1 Define HTTP transactions CO4 K1 M1 2.9.19 1 ILO 4.2 Describe multi-tier application architecture CO4 K2 M1 3.9.19 6 ILO 4.3 Demonstrate the installation and usage of Apache, Mysql and DPHP CO4 K2 M1 3.9.19 6 ILO 4.5 Explain the benefits and features of AJAX CO4 K2 M1 12.9.19 6 ILO 4.6 Apply Ajax technology to optimize the performance of web page CO4 K2 M1 13.9.19 5 ILO 5.1 Explain the benefits of PHP CO5 K2 M3 M3,M6 19.9.19 6 ILO 5.2 Construct a simple web page to perform pattern matching using regular expression and strings in PHP to manipulate multiple data CO5 K2 M3 M1,M3 21.8.19 1 ILO 5.4 Construct a simple web page to perform pattern matching using submitted through an online event registration application	Explain the necessity of JavaScript event handling mechanism Experiment with various JavaScript events CO3 K3 M1,M3,M5 98 Experiment with various JavaScript events CO4 K1 M1 2.5 Describe multi-tier application architecture CO4 K2 M1 3.1 Demonstrate the installation and usage of Apache, Mysql and CO4 K2 M1 3.4 Explain the benefits and features of AJAX Explain the benefits and features of AJAX Apply Ajax technology to optimize the performance of web page CO4 K2 M1 1.2 Explain the benefits of PHP Explain the benefits of PHP Explain the benefits of PHP to manipulate multiple data Apply arrays in PHP to manipulate multiple data Apply arrays in PHP to manipulate multiple data CO5 K2 M3, M6 1.1 CO5 K3 M1, M6 1.1 CO5 K3 M1, M6 1.1 CO6 K3 M1, M6 1.1 CO7 CO5 K3 M1, M6 1.1 CO7 CO5 K3 M1, M6 1.1 CO7	Explain the necessity of JavaScript event handling mechanism CO3 K3 M1, M3, M5 9,8 Experiment with various JavaScript events CO4 K1 M1 2.5 Describe multi-tier application architecture Describe multi-tier application architecture CO4 K2 M1 3.1 Explain the benefits and features of Apache, Mysql and CO4 K2 M1 12 Explain the benefits and features of AJAX Apply Ajax technology to optimize the performance of web page CO4 K2 M1 12 Explain the benefits of PHP Explain the benefits of PHP Explain the benefits of PHP to manipulate multiple data Apply arrays in PHP to manipulate multiple data Apply arrays in PHP to manipulate multiple data Apply arrays in PHP to manipulate multiple data CO5 K2 M3, M1, M6 11 CO5 K3 M1, M6 11 CO5 K3 M1, M6 11 CO6 K3 M1, M6 11 CO7 K3 M1, M6 M1, M	37.	36.	35.	34.	33.	52.	3 31.	2	30.	29.	28.	1	27	26.	25.	24.	23.		
K2 M1 7.8 K3 M1, M3, M5 9.8 K1 M1 2.9 K1 M1 2.9 K2 M1 3.1 M3 11 M4 K2 M1 12 M3, M6 13 14 14 M4 K2 M1 12 M3, M6 13 14 14 M4 K3 M3, M6 13 M1 13 14 14 M3, M6 14 14 14 M4 K3 M1, M3, M6 14 M1 M3, M6 14 14 M3 M1, M3, M6 14 M4 K3 M1, M3, M6 14 M1 M3, M6 14 14 M3 M1, M3 M3, M6 14 M4 K3 M1, M3, M6 14 M3 M1, M3 M3, M6 14 M4 M3, M6 M3, M6 14 M4 M3, M6 M3, M6 14	K2 M1, M3, M5 9,8 K3 M1, M3, M5 9,8 K1 M1 2,0 K2 M1 3,1 K2 M1 1,2 M1 1,2 M3 1,1 M4 K2 M1 1,2 M3, M6 1,1 M4 K3 M3, M6 1,1 M4 K3 M1, M3, M6 1,1 M1 1,2 1,2 M3, M6 1,1 1,2 M4 K3 M1, M3, M6 1,1 M1 M3, M6 1,1 M3 M1, M3, M6 1,1 M4 K3 M1, M3, M6 1,1 M3 M1, M3, M6 1,1 M4 M3, M6 1,1 M3 M1, M3 3,2 M4 M3, M6 1,1 M3 M1, M3 3,2 M4 M3, M6 1,1 M4 M3, M6 1,1 M4 M3, M6 1,1 M4 M3, M6 <td>K2 M1, M3, M5 9,8 K3 M1, M3, M5 9,8 K1 M1 2,0 K2 M1 3,1 K2 M1 1,2 M1 1,2 M3 1,1 M4 K2 M1 1,2 M3, M6 1,3 M4 K3 M3, M6 1,1 M4 K3 M1, M3, M6 1,1 M5 K3 M1, M3, M6 1,1 M1 M3, M6 1,1 M1 M3, M6 1,1 M1 M3, M6 1,1 M1 M3, M6 1,1 M3 M1, M3, M5 1,1 M4 K3 M1, M3, M6 1,1 M6 1,1 1,1 M1 M3, M6 1,1 M3 M1, M3, M6 1,1 M4 M3, M6 1,1 M3 M1, M3, M6 1,1 M4 M3, M6 1,1 M4 M3, M6 1,1 M4 M3, M6</td> <td></td> <td>5.6 Demonstrate the purpose</td> <td>5.5 Utilize form processing mechanism in PHP to process me titted through an online event registration application</td> <td>ar expression and strings in PHP</td> <td>5.3 Apply arrays in PHP to manipulate multiple data</td> <td>LO 3.2 Illian and the local an</td> <td>> Illustrate various operators in</td> <td>≤ 1 Explain the benefits of P</td> <td>performance of</td> <td>4.5 Explain the benefits and</td> <td>4.4 Relate Apache web server with IIS</td> <td>011 11:</td> <td>4.3 Demonstrate the installation and usage of Apache,</td> <td>4.2 Describe multi-tier application architecture</td> <td>4.1 Define HTTP trans</td> <td>3.11 Experiment with various</td> <td>TO 2.10 Labrander 01.6 O.1</td> <td>of Evolain the necessity of</td> <td></td>	K2 M1, M3, M5 9,8 K3 M1, M3, M5 9,8 K1 M1 2,0 K2 M1 3,1 K2 M1 1,2 M1 1,2 M3 1,1 M4 K2 M1 1,2 M3, M6 1,3 M4 K3 M3, M6 1,1 M4 K3 M1, M3, M6 1,1 M5 K3 M1, M3, M6 1,1 M1 M3, M6 1,1 M1 M3, M6 1,1 M1 M3, M6 1,1 M1 M3, M6 1,1 M3 M1, M3, M5 1,1 M4 K3 M1, M3, M6 1,1 M6 1,1 1,1 M1 M3, M6 1,1 M3 M1, M3, M6 1,1 M4 M3, M6 1,1 M3 M1, M3, M6 1,1 M4 M3, M6 1,1 M4 M3, M6 1,1 M4 M3, M6		5.6 Demonstrate the purpose	5.5 Utilize form processing mechanism in PHP to process me titted through an online event registration application	ar expression and strings in PHP	5.3 Apply arrays in PHP to manipulate multiple data	LO 3.2 Illian and the local an	> Illustrate various operators in	≤ 1 Explain the benefits of P	performance of	4.5 Explain the benefits and	4.4 Relate Apache web server with IIS	011 11:	4.3 Demonstrate the installation and usage of Apache,	4.2 Describe multi-tier application architecture	4.1 Define HTTP trans	3.11 Experiment with various	TO 2.10 Labrander 01.6 O.1	of Evolain the necessity of	
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			26.9.19	23.9.19	28.8.19	22.8.19	21.8.19	19.8.19	16.8.19	14.0.17	19.9.19	16.9.19	13.9.19	I fair from	12919	4.9.19	3.9.19	2.9.19	9.8.19	8.8.19	7.8.19
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3. Assessment Pattern

	Mark	Split up			I		itive Pro Levels on in Pe		e		COI	Distribution	1 (%)		Proposed Date of Assessment
Sections/ Tests	Part -A	Part -B	Part -C	Total Marks	К1	K2	КЗ	K4	K5	CO1	CO2	C03	C04	C05	
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
						20	80			40	30	30			20.9.19
Assignment Other Assessment					20	30	50	-		10		30	20	40	3.10.19
Course Project					-	-	-	-		20	20	20	20	20	Oct' 2019
ESE	20	65	15	100	6	34	60	-		20	20	20			

Course Faculty

Course Coordinator

HOD