
	SRI VIDYA COLLEGE OF ENGINEERING & TECHNOLOGY COURSE PLAN (THEORY)	
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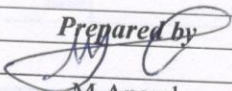
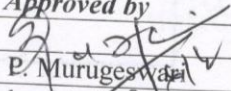
ACADEMIC YEAR:2018-2019 (ODD)

Subject Code	CS6501					L	P	T	C			
Subject Title	Internet Programming					3	1	0	4			
Year / Dept / Sem	III/CSE/V			Regulation Year		2013						
Faculty Name / Desg / Dept	M.Anand/AP/CSE											
Course Prerequisite	Fundamental knowledge in Java and C, Understanding of XML and Database.											
Attach the copy of syllabus												
Course Objectives (CO)	CO 1:Gain knowledge about basic concept of the web technology. CO2: Understand to create client side programming. CO3: Understand to create server side programming. CO4: Appreciate XML and other database. CO5: Be familiar with understand Java technology.											
Expected Course Outcomes (ECO)	At the end of the course, the students should be able to: ECO 1: Design simple website. ECO 2: Apply CSS code to HTML Page. ECO 3: Design server side scripting code. ECO 4: Apply three dimensional transformations. ECO 5: Apply Java coding to internet technology. ECO 6: Apply java servlet , XML and webservice.											
Mapping of CO & PO(Specify the PO's) - (Fill the col.s with the legend given below)												
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
CO1	B,2	A,2	-		-	-	-	-	-	-	-	-
CO2	-	-	B,3	B,2	-	-	G,2	-	G,1	-	-	-
CO3	-	-	C,2	-	H,1	-	-	-	-	-	-	-
CO4	-	F,2	-	-	F,1	-	-	-	-	-	E,1	-
CO5	-	-	G,1	-	G,2	-	-	-	G,2	-	-	-
Bridging the Curriculum Gap (Additional Topics beyond syllabus/Seminars/Assignments)	BCG 1: Web3.0 (Assignment) BCG 2: Bootstrap concept. (Seminar) BCG 3: XAMPP server(Seminar) BCG 4: how to create Blogs ?											
Related Website URLs	W1: w3schools.com W2: http://www.comptechdoc.org/independent/web/ W3: http://www.tutorialspoint.com/web_development_tutorials.htm W4: http://www.javatpoint.com/											
Related Video Course Materials (min. 3 no.s)	V1: nptel.ac.in/courses/106105084/ V2: https://www.youtube.com/watch?v=oX2rw5pAdxw V3: https://www.lynda.com/Web-Foundations-tutorials/Web-Technology-Fundamentals/158666-2.html											

S.No	Topic Name	Book Page no	Mode of teaching	No of hrs	Cumulative hrs
UNIT I Introduction about the Internet Programming					
1.	An overview of Java , Data Types , Variables and Arrays	R1 54-87	BB	1	1
2.	Operators , Control Statements	T1 87-140	LCD	1	2
3.	Classes , Objects , Methods	T1 474-487	LCD	2	3

4.	Inheritance	T1 490-574	BB	1	4
5.	Packages, Abstract classes	T1 547-600	LCD	1	5
6.	Interfaces and Inner classes	T1 601-614	BB	2	7
7.	Exception handling	T1 654-680	BB	1	8
8.	String handling , Streams and I/O	T1 684-700	BB	1	9
9.	Applets	T1 741-754	BB	1	10
UNIT II					
10	Web 2.0: Basics-RIA Rich Internet Applications - Collaborations tools	T2 150-170	BB	1	11
11	Understanding Internet	T2 171-174	LCD	1	12
12	Difference between websites and web server	T2 175	BB	1	13
13	Internet technologies Overview	T2 175	BB	1	14
14	Understanding the difference between internet and intranet	T2 176-177	LCD	1	15
15	HTML 5.0	T2 241-294	BB	2	17
16	XHTML	T2 300-354		1	18
17	CSS 3	T2 374-400		2	20
UNIT III					
18	An introduction to JavaScript, JavaScript DOM Model,	T2 410-421	BB	1	21
19	Date and Objects ,Regular Expressions	T2 425-478	LCD	1	22
20	Exception Handling, Validation, Built-in objects	T2 784-810	BB	1	23
21	Event Handling,	T2 841-850	BB	1	24
22	DHTML with JavaScript	T2 854- 874	LCD	1	25
23	Java Servlet Architecture	T2 878-888	BB	1	26
24	Servlet Life Cycle, Form GET and POST actions	T2 888-894		1	27
25	Session Handling- Understanding Cookies	T2 901		1	28
26	Installing and Configuring Apache Tomcat Web Server	T2 874		1	29
27	DATABASE CONNECTIVITY: JDBC perspectives, JDBC program example	T2 901-925		1	30
28	JSP: Understanding Java Server Pages	T2 925-940	BB	1	31
29	Pages-JSP Standard Tag Library(JSTL)	T2 941 -951	LCD	1	32

33	Creating HTML forms by embedding JSP code	T2 952-956		1	33
UNIT IV					
34	An introduction to PHP, Using PHP, Variables	T2 1013-1015	BB	1	34
35	Program control, Built-in functions	T2 1016-1041	LCD	2	36
36	Connecting to Database	T2 1041-1051	BB	1	37
37	Using Cookies, Regular Expressions	T2 1052-1064	BB	1	38
38	XML: Basic XML, Document Type Definition	T2 1120-1154	LCD	1	39
39	XML Schema DOM and Presenting XML	T2 1154-1174	BB	1	40
40	XML Parsers and Validation	T2 1174-1180	BB	1	41
41	XSL and XSLT Transformation, News Feed (RSS and ATOM)	T2 1184-1185	LCD	2	43
UNIT V					
42	AJAX: Ajax Client Server Architecture	T2 1295-1310	BB	1	44
43	XML Http Request Object-Call Back Methods	T2 1310-1374	LCD	1	45
44	Web Services: Introduction	T2 1380-1394	BB	2	47
45	Java web services Basics	T2 1412 - 1414	LCD	1	48
46	Creating, Publishing a Web services (WSDL)	T2 1480 -1486	LCD	1	49
47	Testing and Describing a Web services (WSDL)	T2 1500 -1510	BB	1	50
48	Consuming a web service	T2 1510 -1526	LCD	1	51
49	Database Driven web service from an application	T2 1526 -1541	LCD	1	52
50	SOAP	T2 1541 -1574	BB	2	54
51	Review				55

Signature	<i>Prepared by</i> 	<i>Approved by</i> 
Name	M. Anand	Dr. P. Murugeswaran
Designation	Assistant Professor / CSE	DEAN (Academic) & HOD (CSE/IT)
Signed date	22/06/18	

*1 Endorsed /
[Signature]
PRU*