	14ITT52 WEB TECHNOLOGY (Common to IT & CSE branches		10	3
ra	roquisitore Decommenda Const	0	0	3
	requisites: Programming Concepts $\Gamma - \Gamma$			9
		'age	Dage	17
truc	IL: Introduction to Computers and the Internet -HTML 5 - Basic Tags - Input T	ags-	1 age	
	tured element - Cascading Style Sheet -Part I T - II			9
	nt Side Scripting: Introduction to Java Script - Control Statements I - Control sta	atem	ents II	-
	ctions – Arrays			
	T-III			9
	a Script Objects: Objects - Document Object Model: Objects and Collections -	Even	nts E	vent
	dling			
INI	T-IV			9
Wel	Server: Introduction - HTTP Transaction - Multi Tier Application Architecture	- A	ccessi	ng Web
Ser	ver- Apache -MySQL - PHP Installation - Microsoft IIS Server -AJAX- XMLHt	tpRe	quest	
IIN	IT - V			9
	Christian Damlar			4.00
Ser	ver Side Scripting: PHP – Introduction – Operators – Arrays – Strings – Regular	Exp	ression	13 -
Ser	ver Side Scripting: PHP – Introduction – Operators – Arrays – Strings – Regular m Processing – Database Connectivity – Session Tracking	Exp		
Ser For	wer Side Scripting: PHP – Introduction – Operators – Arrays – Strings – Regular m Processing – Database Connectivity – Session Tracking	Exp		
For	m Processing – Database Connectivity – Session Tracking		TO	ΓAL: 4
For	The Processing – Database Connectivity – Session Tracking XT BOOKS: Paul Deitel, Harvey M.Deitel and Abbey Deitel, —Internet and World Wide We		TO	ΓAL: 4
For	m Processing – Database Connectivity – Session Tracking		TO	ΓAL: 4
TE:	Tracking — Database Connectivity — Session Tracking XT BOOKS: Paul Deitel, Harvey M.Deitel and Abbey Deitel, —Internet and World Wide We Programl, 5th Edition, Prentice Hall, 2011.	b - F	TO:	TAL: 4
TE:	Tracking — Database Connectivity — Session Tracking XT BOOKS: Paul Deitel, Harvey M.Deitel and Abbey Deitel, —Internet and World Wide We Programl, 5th Edition, Prentice Hall, 2011.	b - F	TO:	ral: 4
Formal TE	XT BOOKS: Paul Deitel, Harvey M.Deitel and Abbey Deitel, —Internet and World Wide We Programl, 5th Edition, Prentice Hall, 2011. FERENCE BOOKS: Xavier C., —World Wide Web Design with HTMLl, 2nd Edition, Tata McGraw	b - F	TO:	Delhi,
Formal TE	The Processing — Database Connectivity — Session Tracking XT BOOKS: Paul Deitel, Harvey M.Deitel and Abbey Deitel, —Internet and World Wide Well Programl, 5th Edition, Prentice Hall, 2011. FERENCE BOOKS: Xavier C., —World Wide Web Design with HTMLI, 2nd Edition, Tata McGraw 2012. Godbole A.S. and Kahate A., —Web TechnologiesI, 3rd Edition, Tata McGraw-I	b - F Hill,	TO:	Delhi,
TE: 1. RE 1.	The Processing — Database Connectivity — Session Tracking XT BOOKS: Paul Deitel, Harvey M.Deitel and Abbey Deitel, —Internet and World Wide Well Programl, 5th Edition, Prentice Hall, 2011. FERENCE BOOKS: Xavier C., —World Wide Web Design with HTMLI, 2nd Edition, Tata McGraw 2012. Godbole A.S. and Kahate A., —Web TechnologiesI, 3rd Edition, Tata McGraw-I	b - F Hill,	TO:	Delhi,
TE: 1. RE 1.	Tracking — Database Connectivity — Session Tracking XT BOOKS: Paul Deitel, Harvey M.Deitel and Abbey Deitel, —Internet and World Wide We Programl, 5th Edition, Prentice Hall, 2011. FERENCE BOOKS: Xavier C., —World Wide Web Design with HTMLI, 2nd Edition, Tata McGraw 2012. Godbole A.S. and Kahate A., —Web TechnologiesI, 3rd Edition, Tata McGraw-12013. Ladd Eric and O' Donnel Jim, —Using HTML 4, XML and Javal, 1st Edition, Prentice Hall, 2011.	b - F Hill,	TO:	Delhi,
TE: 1. RE: 1. 3.	Tracking — Database Connectivity — Session Tracking XT BOOKS: Paul Deitel, Harvey M.Deitel and Abbey Deitel, —Internet and World Wide We Programl, 5th Edition, Prentice Hall, 2011. FERENCE BOOKS: Xavier C., —World Wide Web Design with HTMLl, 2nd Edition, Tata McGraw 2012. Godbole A.S. and Kahate A., —Web Technologiesl, 3rd Edition, Tata McGraw-12013. Ladd Eric and O' Donnel Jim, —Using HTML 4, XML and Javal, 1st Edition, Plandia, New Delhi, 2000.	b - F Hill,	TO:	Delhi,
TE: 1. RE: 1. 3.	Tracking — Database Connectivity — Session Tracking XT BOOKS: Paul Deitel, Harvey M.Deitel and Abbey Deitel, —Internet and World Wide We Programl, 5th Edition, Prentice Hall, 2011. FERENCE BOOKS: Xavier C., —World Wide Web Design with HTMLl, 2nd Edition, Tata McGraw 2012. Godbole A.S. and Kahate A., —Web Technologiesl, 3rd Edition, Tata McGraw-12013. Ladd Eric and O' Donnel Jim, —Using HTML 4, XML and Javal, 1st Edition, Plandia, New Delhi, 2000.	b - F Hill,	TO:	Delhi,
TE: 1. RE: 1. 3.	TROOKS: Paul Deitel, Harvey M.Deitel and Abbey Deitel, —Internet and World Wide We Programl, 5th Edition, Prentice Hall, 2011. FERENCE BOOKS: Xavier C., —World Wide Web Design with HTMLI, 2nd Edition, Tata McGraw 2012. Godbole A.S. and Kahate A., —Web TechnologiesI, 3rd Edition, Tata McGraw-12013. Ladd Eric and O' Donnel Jim, —Using HTML 4, XML and Javal, 1st Edition, Plandia, New Delhi, 2000. www.w3schools.com www.w3schools.com ourse Outcomes: On completion of the course the students will be able to	b - F Hill,	TO:	Delhi,
TE: 1. RE: 1. 2.	The Processing – Database Connectivity – Session Tracking XT BOOKS: Paul Deitel, Harvey M.Deitel and Abbey Deitel, —Internet and World Wide Well Programl, 5th Edition, Prentice Hall, 2011. FERENCE BOOKS: Xavier C., —World Wide Web Design with HTMLI, 2nd Edition, Tata McGraw 2012. Godbole A.S. and Kahate A., —Web TechnologiesI, 3rd Edition, Tata McGraw-12013. Ladd Eric and O' Donnel Jim, —Using HTML 4, XML and Javal, 1st Edition, Prentice and O' Donnel Jim, —Using HTML 4, XML and Javal, 1st Edition, Prentice Outcomes: On completion of the course the students will be able to the design static web pages using HTML.	b - F Hill,	TO:	Delhi,
TE: 1. RE: 1. 2.	TRANSITION Processing — Database Connectivity — Session Tracking XT BOOKS: Paul Deitel, Harvey M.Deitel and Abbey Deitel, —Internet and World Wide We Programl, 5th Edition, Prentice Hall, 2011. FERENCE BOOKS: Xavier C., —World Wide Web Design with HTMLI, 2nd Edition, Tata McGraw 2012. Godbole A.S. and Kahate A., —Web TechnologiesI, 3rd Edition, Tata McGraw-12013. Ladd Eric and O' Donnel Jim, —Using HTML 4, XML and Javal, 1st Edition, Prentice and O' Donnel Jim, —Using HTML 4, XML and Javal, 1st Edition, Prentice Outcomes: On completion of the course the students will be able to design static web pages using HTML • develop interactive web pages using Java script	b - F Hill,	TO:	Delhi,
TE: 1. RE: 1. 2.	TROOKS: Paul Deitel, Harvey M.Deitel and Abbey Deitel, —Internet and World Wide We Programl, 5th Edition, Prentice Hall, 2011. FERENCE BOOKS: Xavier C., —World Wide Web Design with HTMLI, 2nd Edition, Tata McGraw 2012. Godbole A.S. and Kahate A., —Web Technologiesl, 3nd Edition, Tata McGraw-12013. Ladd Eric and O' Donnel Jim, —Using HTML 4, XML and Javal, 1st Edition, Plandia, New Delhi, 2000. www.w3schools.com ourse Outcomes: On completion of the course the students will be able to design static web pages using HTML develop interactive web pages using Java script validate the HTML form data using Java script validate the HTML form data using Java script	b - F Hill, renti	New I	Delhi,
TE: 1. RE: 1. 2.	The Processing — Database Connectivity — Session Tracking XT BOOKS: Paul Deitel, Harvey M.Deitel and Abbey Deitel, —Internet and World Wide Well Programl, 5th Edition, Prentice Hall, 2011. FERENCE BOOKS: Xavier C., —World Wide Web Design with HTMLI, 2nd Edition, Tata McGraw 2012. Godbole A.S. and Kahate A., —Web Technologiesl, 3rd Edition, Tata McGraw-12013. Ladd Eric and O' Donnel Jim, —Using HTML 4, XML and Javal, 1st Edition, Plandia, New Delhi, 2000. www.w3schools.com ourse Outcomes: On completion of the course the students will be able to design static web pages using HTML adversary interactive web pages using Java script	b - F Hill, renti	New I	Delhi,

14ITT52 WEB TECHNOLOGY

(Common to IT & CSE branches)

0

Pre-requisites: Programming Concepts

9

HTML: Introduction to Computers and the Internet -HTML 5 - Basic Tags - Input Tags- Page structured element -Cascading Style Sheet -Part I

Client Side Scripting: Introduction to Java Script - Control Statements I - Control statements II- Functions - Arrays

9

Java Script Objects: Objects - Document Object Model: Objects and Collections - Events - Event Handling

Web Server: Introduction - HTTP Transaction - Multi Tier Application Architecture - Accessing Web Server- Apache -MySQL - PHP Installation - Microsoft IIS Server -AJAX- XMLHttpRequest

Server Side Scripting: PHP - Introduction - Operators - Arrays - Strings - Regular Expressions - Form Processing -TOTAL: 45 Database Connectivity - Session Tracking

Paul Deitel, Harvey M.Deitel and Abbey Deitel, "Internet and World Wide Web - How To Program", 5th Edition, TEXT BOOKS: Prentice Hall, 2011.

REFERENCE BOOKS:

- Xavier C., "World Wide Web Design with HTML", 2nd Edition, Tata McGraw Hill, New Delhi, 2012.
- Godbole A.S. and Kahate A., "Web Technologies", 3rd Edition, Tata McGraw-Hill, New Delhi, 2013. 2.
- Ladd Eric and O' Donnel Jim, "Using HTML 4, XML and Java", 1st Edition, Prentice Hall of India, New Delhi, 2000.
- www.w3schools.com

COURSE OUTCOMES

On completion of the course the students will be able to

CO1: design static web pages using HTML

develop interactive web pages using Java script

validate the HTML form data using Java script

optimize the performance of web page loading using AJAX technology

develop web application using PHP with database connectivity and session tracking

Mapping of COs with POs and PSOs

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

1 – Slight, 2 – Moderate, 3 – Substantial