

14ITT52 WEB TECHNOLOGY (Common to IT & CSE branches)				
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Pre-requisites: Programming Concepts				
UNIT – I				9
HTML: Introduction to Computers and the Internet –HTML 5 – Basic Tags – Input Tags- Page structured element - Cascading Style Sheet –Part I				
UNIT – II				9
Client Side Scripting: Introduction to Java Script - Control Statements I – Control statements II- Functions – Arrays				
UNIT – III				9
Java Script Objects: Objects - Document Object Model : Objects and Collections – Events – Event Handling				
UNIT – IV				9
Web Server: Introduction – HTTP Transaction – Multi Tier Application Architecture – Accessing Web Server- Apache –MySQL – PHP Installation – Microsoft IIS Server –AJAX- XMLHttpRequest				
UNIT – V				9
Server Side Scripting: PHP – Introduction – Operators – Arrays – Strings – Regular Expressions – Form Processing – Database Connectivity – Session Tracking				
				TOTAL: 45
TEXT BOOKS:				
1.	Paul Deitel, Harvey M.Deitel and Abbey Deitel, —Internet and World Wide Web - How To ProgramI, 5th Edition, Prentice Hall, 2011.			
REFERENCE BOOKS:				
1.	Xavier C., —World Wide Web Design with HTMLI, 2nd Edition, Tata McGraw Hill, New Delhi, 2012.			
2.	Godbole A.S. and Kahate A., —Web TechnologiesI, 3rd Edition, Tata McGraw-Hill, New Delhi, 2013.			
3.	Ladd Eric and O' Donnel Jim, —Using HTML 4, XML and Javal, 1st Edition, Prentice Hall of India, New Delhi, 2000.			
4.	www.w3schools.com			
Course Outcomes: On completion of the course the students will be able to				
<ul style="list-style-type: none">• 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				

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COURSE OUTCOMES

On completion of the course the students will be able to

CO1: design static web pages using HTML

CO2: develop interactive web pages using Java script

CO3: validate the HTML form data using Java script

CO4: optimize the performance of web page loading using AJAX technology

CO5: 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