

Course No(N&M|Mn|T|250): Web Technologies -II

Course No.	Type of Course	Theory / Practic al	Credi ts	Instructi on hour per week	Total No. of Lectures/Ho urs / Semester	Durati on of Exam	Formativ e Assessme nt Marks	Summati ve Assessme nt Marks	Total Mark s
N&M Mn T 2 50	Mn	Theory	2	2	30		----	----	----

Course Title of the Course (N&M|Mn|T|250): Web Technologies -II

Course Outcome (CO):

After completion of course students will be able to:

CO1: - To Understand the concept of Client and Server Side Scripting .

CO 2: - To create web pages using Javascript and PHP.

CO3:- It will equip the students with skills required for designing, developing web applications

Web Technology -II		Total Hrs: 30
Unit-I		10 hrs
Client Side Scripting with JavaScript Structure of JavaScript Program; Variables and Data Types; Statements: Expression, Keyword, Block; Operators; Flow Controls, Looping, Functions; Popup Boxes: Alert, Confirm, Prompt; Objects and properties; Constructors; Arrays; Built-in Objects: Window, String, Number, Boolean, Date, Math, RegExp, Form, DOM; User Defined Objects; Event Handling and Form Validation, Error Handling, Handling Cookies		
Unit-II :		10 hrs
Server Side Scripting using PHP PHP Syntax, Variables, Data Types, Strings, Constants, Operators, Control structure, Functions, Array, Creating Class and Objects, PHP Forms, Accessing Form Elements, Form Validation, Events, Cookies, and Sessions. Working with PHP and MySQL, Connecting to Database, Creating,		

Selecting, Deleting, Updating Records in a table, Inserting Multiple Data. Introduction to Angular and Web Applications Frameworks	
Unit-III :	10 hrs
Working with PHP and MySQL, Connecting to Database, Creating, Selecting, Deleting, Updating Records in a table, Inserting Multiple Data. Introduction to Angular and Web Applications Frameworks	

Books Recommended:

1. Web Design with HTML, CSS, JavaScript and jQuery Set, Jon Duckett, John Wiley & Sons.
2. Learning PHP, MySQL & JavaScript: with jQuery, CSS & HTML5, Robin Nixon, O'Reilly.
3. JavaScript: The Web Technologies Series, Don Gosseli, Course Technology Cengage Learning.
4. Web Technologies, Uttam K Roy, Oxford University Press.
5. The Complete Reference PHP – Steven Holzner, Tata McGraw-Hill.

Course No(N&M|Mn|T|251): Statistics for Data Science

Course No.	Type of Course	Theory / Practic al	Credi ts	Instructi on hour per week	Total No. of Lectures/Ho urs / Semester	Durati on of Exam	Formativ e Assessme nt Marks	Summati ve Assessme nt Marks	Total Mark s
N&M Mn T 251	Mn	Theory	2	2	30		----	----	----

Course Title of the Course (N&M|Mn|T|251): Statistics for Data Science

Course Outcome (CO):

After completion of course students will be able to:

CO1: Understand the fundamental concepts of statistics and their application in data science.

CO2: Be able to summarize, visualize, and interpret data using statistical methods.

CO3: Apply statistical tools and techniques to solve real-world data science problems