

SCRIPTING LANGUAGES (TMC-106)

Unit No.	CONTENT	CONTACT HOURS
1	HTML Basic - Structure of HTML documents, HTML Elements, Linking in HTML, Anchor Attributes, Image Maps, Meta Information, Layouts, Tables, Audio and Video Support with HTML. Interactive Layout with Frames, FORMS, Form Control, New and emerging Form Elements. Use of <div>&. HTML 5 controls and tags.	7
2	CSS: Introduction, Benefits of CSS, types of CSS, Selector and types, text formatting properties, Box Model concept, CSS Border, margin properties, Positioning, color properties, Classes in CSS, concept of Ids pseudoclasses.	10
3	Overview of Javascript, Object orientation and Javascript, JavaScript identifiers, operators, control & Looping structure, Intro of Array, Array with methods, User defined & Predefined functions, Errors and Exception Handling. DOM objects, Event handling, Validations on Forms, The DOM 2 event model, DOM tree traversal and modification.	7
4	jQuery – Overview, Syntax, Selectors, Attributes, traversing, jQuery-HTML, jQuery-CSS, jQuery-DOM, jQuery-Events, jQuery-effects.	10
5	Introduction to PHP, A First PHP Web Page, Variables, Operators and Expressions, Control Statements, Functions, Arrays, String Handling in PHP, Using Ms-Access/MySQL Databases in PHP Pages.	11

11	Suggested Books:	
Sl. NO.	NAME OF AUTHERS/BOOKS/PUBLISHERS	YEAR OF PUBLICATION
1	RalphMoseleyandM.T.Savaliya,“DevelopingWebApplications”,Wiley -India	2011
2	“WebTechnologies”,BlackBook,dreamtechPress	2018

3	"HTML5",BlackBook,dreamtechPress	2016
4	JoelSklar,"Principles of WebDesign",CengageLearning	2015