Year	I	Course Code: 21BCA2O2MPL		Credits	03
Sem.		Course Title: Web Designing		Hours	40
Course Pre-requisites, if any		NA			
Formative Assessment Marks: 40		Summative Assessment Marks: 60		Duration of ESA:..02 hrs.	
Course Outcomes		At the end of the course the student should be able to: 1. Understand the History of Internet and web Designing tools 2. Understand Markup Languages and stylesheet 3. Implement Scripting 4. Appreciate website creation			
Unit No.		**Course Content**		**Hours**	
Unit I		Histroy of Internet, The World Wide Web, Web Browser, Web Server, URL, Working of Web, Web Page, Types of Web Pages, Web Content, Websites, Home Pages, Building Website, Website building tools; Web graphics design, basic tips for graphics design, to web programming: what is web programming? , web programming languages.		10	
Unit II		Introduction to XHTML- Basic Syntax, Standard structure, Basic text markup, Images, Hypertext, Links, Lists, Tables, Forms-<form>,<input>,<label>,<select>,<textarea> tags and action buttons(submit and reset).CSS-Introduction, Levels of style sheets, Selector forms, Property value forms, Font properties, List properties, Color, Alignment of text, The box model, Background images, The <span> and <div>tags.		10	
Unit III		JavaScript: Object orientation and JavaScript; General syntactic characteristics; Primitives, operations, and expressions; Screen output and keyboard input; Control statements; Object creation and modification; Arrays; Functions; Constructor; Pattern matching using regular expressions; Errorsin scripts; Examples.		10	
Unit IV		Introduction to XML, Syntax of XML , XML document structure, Displaying raw XML documents, Displaying XML documents with CSS,XSLT Stylesheets and Displaying XML documents with XSLT.		10	

	Web Design: Concepts of effective web design, Web design issues including Browser, Bandwidth and Cache, Display resolution, Look and Feel of the Website, Page Layout and linking, User centric design, Sitemap, Planning and publishing website, Designing effective navigation	
	Recommended Leaning Resources	
Print Resources	**Reference Books:** 1. Robert W. Sebestra, "Programming the World Wide Web", 7th Edition /4th edition Addison Wesley Publication,2013. 2. Developing Web Applications, Ralph Moseley and M. T. Savaliya, Wiley-India 3. Web Technologies, Black Book, dreamtech Press 4. HTML 5, Black Book, dreamtech Press 5. Web Design, Joel Sklar, Cengage Learning 6. Developing Web Applications in PHP and AJAX, Harwani, McGrawHill 7. Internet and World Wide Web How to program, P.J. Deitel& H.M. Deitel, Pearson	