No	Information of IT-21025	
1	Unit name	Web Development Technology I
2	Code:	IT 21025
3	Classification	Engineering Subject
4	Credit value:	3
5	Semester/Year Offered:	1/II
6	Pre-requisite:	Basic Computer Skill
7	Mode of delivery:	Lecture, Practical
8	Assessment system and breakdown of marks: Practical	 40%
	Mid-term/ final Examination	60%
9	Academic staff teaching unit:	Department of Information Technology Engineering
10	Course outcome of unit: In this course, students will be able (a) To memorize the HTML Language (b) To discuss the HTML language (c) To apply the HTML language for small web page	
11	Synopsis of Unit: The course covers web design with HTML. The course introduce students about the structuring document for the Web, Cascading Style Sheets, Text Formatting, More Cascading Style Sheets, Pages Layout and Working with JavaScript There are question and programming exercises and at the end of most chapters to the book's usefulness in the classroom.	
12	Topics: **Chapter** **Titles** 1 **Structuring Documents for the Web** • A Web of Structured Documents • Introducing HTML and XHTML • Basic Text Formatting • Presentational Elements • Phrase Elements • Lists • Editing Text • Grouping Elements with and • Core Elements and Attributes • Attribute Groups Summary Exercises	

2 **Links and Navigation**

- Basic Links
- Understanding Directories and Directory Structures
- Understanding URLs
- Creating Links with the <a> Element
- Advanced E-mail Links

3 Images, Audio, and Video

- Adding Images Using the <img> Element
- Using Images as Links
- Image Maps
- Choosing the Right Image Format
- Adding Flash, Video, and Audio to Your Web Pages

4 Table

- Introducing Tables
- Basic Table Elements and Attributes
- Adding a <caption> to a Table
- Grouping Sections of a Table
- Nested Tables
- Accessible Tables

5 Forms

- Introducing Forms
- Creating a Form with the <form> Element
- Form Controls
- Creating Labels for Controls and the <label> Element
- Structuring Your Forms with <fieldset> and <legend> Elements
- Focus
- Disabled and Read-Only Controls
- Sending Form Data to the Server

6 Frames

- Introducing the Frameset
- When To Use Frames
- The <frameset> Element

	• The <frame> Element • The <noframes> Element • Creating Links Between Frames • Setting a Default Target Frame Using the <base> Element • Nested Framesets • Inline or Floating Frames with <iframe>
13	Main Reference: John Duckett, Beginning HTML, XHTML, CSS and JavaScript
14	Additional Reference: