Programming Foundations for Web Designing
(Free Elective-I)

COURSE CODE: 15FE1115

L	T	P	C
1	0	0	1

COURSE OUTCOMES:
At the end of the course the student shall be able to
CO1: Design web pages using Basic HTML Structure
CO2: Apply CSS building blocks for formatting text
CO3: Create web pages using CSS3
CO4: Test and Debug Web pages
CO5: Evaluate inputs using Java Script

UNIT-I   **(2 Lectures)**
Web Page Building Blocks, Working with Web Page Files, Basic HTML Structure, Text, Images

UNIT-II   **(3 Lectures)**
Links, CSS Building Blocks, Working with Style Sheets, Defining Selectors, Formatting Text with Styles

UNIT-III   **(3 Lectures)**
Layout with Styles, Building Responsive Web Pages, Working with Web Fonts, Enhancements with CSS 3, Lists, Forms

UNIT-IV   **(5 Lectures)**
Video, Audio, and Other Multimedia, Tables, Working with Scripts, Testing & Debugging Web Pages, Publishing Your Pages on the Web

UNIT-V   **(5 Lectures)**
GETTING STARTED WITH JAVA SCRIPT: Introducing Java Script, Writing Testing and debugging Java Script, Working with Objects

TEXT BOOKS:
1. Elizabeth Castro, Bruce Hyslop, "HTML5 and CSS3" Peachpit Press; 8th Edition, 2014 (Unit-I,II,III,IV)
2. Glenn Johnson, "Programming in HTML5 with JavaScript and CSS3" Microsoft Press: 2nd Edition, 2013 (Chapter 3) (Unit-V)

REFERENCES:
1. Dietel and Dietel : "Internet and World Wide Web – How to Program", 5th Edition, PHI/Pearson Education, 2011
2. Herbert Schildt, "The complete Reference Java 2", 9th Edition, TMH, 2014.

WEB REFERENCES:
1. https://www.w3schools.com/