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| **Course Code: CSOE2** | **Course Title: Web Designing** |
| **Course Credits:** 03 | **Hours/Week:** 03 |
| **Total Contact Hours:** 42 | **Formative Assessment Marks: 40** |
| **Exam Marks: 60** | **Exam Duration: 03 hrs** |

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| **Content** | **Hours** |
| **Unit – 1** | |
| Basics of the Internet and Elements of HTML  Important terminology, Basics of the Internet, History, World Wide Web, HTML  Basics Structure and elements, Text Editors, Basic tags, HTML Page Format, Text  Formatting in HTML, Image tag and attributes, Hyperlinks and type, Unordered and  ordered list tags, HTML Definition Lists and Nesting Lists | 8 |
| **Unit – 2** | |
| Tables and Frames and interactive page design in HTML  Tables in HTML, Table Attributes, HTML frame tag, Frame Attributes, Interactive page designs of HTML, Forms on Web page, Event objects on Web pages, Radio button code, Submit and reset buttons on Web pages | 8 |
| **Unit – 3** | |
| Introduction to CSS  Element Selector, ID Selector, Class Selector, CSS Grouping Selectors, Universal Selector, CSS Inclusion Color and Box Model using CSS, Color Properties, Hexadecimal Notation, Background Color, Border Color, Opacity, Margins, Padding and Basic Box Properties in CSS, CSS Margin, CSS Padding, Height and Width in CSS and Box model | 8 |
| **Unit – 4** | |
| CSS II  Text Properties in CSS, Letter-Spacing Property, Word-spacing Property, Text-align Property, Text-transform Property, Line-height Property, Text Decoration and Font Properties in CSS, Text decoration properties, Font Properties, Table and List Properties in CSS, Font Properties, Border Property, Padding Property, Border-collapse Property, List Properties and List-style property | 9 |
| **Unit – 5** | |
| JAVA SCRIPT  Introduction to JavaScript, General Structure of JavaScript, Document Object Model, Browser Compatibility, Statements in JavaScript, DOM, To implement DOM and events, Variables, Declaring Multiple Variables, Naming Conventions for Variables, Understanding Events and Event Handlers, Mouse Events, Keyboard Events, Form Events, Document/Window Events, Arrays and strings , Array Properties, Array Methods, Conditional Statements, “if” statement, “if else” statement, "if...else if" statement, Looping Statements, "While" loop, “do-while” loop, “for” loop, Functions and Types , User define JavaScript Function Syntax, Invoking functions or calling the functions. | 9 |

On successful completion of the course the students will be able to do the following:

• To provide an in-depth training for web development skills.

• To understand and develop web pages independently.

• To understand the methods of debugging and correcting anomalies.

• To provide a proper foundation for learning other tools of web development.

**References**

www.w3schools.com,

https://www.tutorialspoint.com/index.htm,

Programming the World Wide Web, ROBERT W. SEBESTA

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| **This paper is implemented as an online platform for the international students in collaboration with JWL (Jesuit Worldwide Learning ),Educating marginalized all over world especially for Refugees** |

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| Units | No. of hours | Total marks for which questions are to be asked  (Including bonus questions) |
| Unit 1 | 10 | 6 |
| Unit 2 | 10 | 10 |
| Unit 3 | 6 | 21 |
| Unit 4 | 6 | 21 |
| Unit 5 | 10 | 25 |
| **TOTAL** | 42 | 83 |
| **Maximum marks for the paper (Excluding bonus questions) = 60** | | |