**SRI RAMAKRISHNA MISSION VIDYALAYA COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS) COIMBATORE – 641 020**

**For candidates admitted from academic year 2013-2014 onwards under New CBCS.**

Programme: B.Sc IT

)ourse Title: Web Technology I (13UIT3CT06)

Subject Code: Year: II

Semester: III

4 Hours / week :4 Credits

**HTML**

**Unit I**

Introduction to HTML document – Text formatting – Using lists to organize data with tables – Table layout – Adding Images. Chapter 1 (Page Number : 83 – 193)

**Unit II**

Framesets – Hyperlinks and Anchors – Form Elements – Input Elements – Button Elements – Label Elements – Select and option Element – Defining web page appearance – Simple style sheets. Chapter 14 (Page Number : 250 – 264)

**CSS**

**Unit III**

Cascading style sheets – Selection of elements – Cascades - CSS units - Font properties - Color properties-Background properties - Text properties – box properties, Selecting elements – Visual formatting.

**XML**

**Unit IV**

XML – Introduction to XML applications - Structuring data – XML Rules – XSL Transformation – XSL Templates – Rules XSL formatting objects.

**Unit V**

XML DTD – Internal DTD – External DTD– Xlinks – Xpointers – Namespaces.
Chapter 2 &14 (Page Number: 17-44 , 63-101,309-143)

**TEXT BOOK:**

1. Richdarnell et al., HTML – 4 Unleashed, Techmedia,1999 Second Edition, (Unit I, II)
2. Ellistte Rusty Harold, XML1.1. Bible, IDG Books Pvt Ltd,7 Edition3rd (Unit III)

**REFERENCE BOOKS:**

1. Heather Williamson, The Complete Reference XML, TATAMcGraw Hill.2002, Fifth Edition.
2. William J.Pardi T.C. Hill, XML in Action, Microsoft Press,1999, Second Edition.
3. Heather Williamson, The Complete Reference HTML, TATAMcGraw Hill,2002 Fifth Edition.