## CORE COURSE X - PROGRAMMING THE WEB

**Objective:** *In this course students shall learn programming tools and technologies with which he can create applications that run in a web browser environment.*

### UNIT-I

Fundamentals of web technology - Introduction to HTML and XHTML – Cascading Style Sheets.

### UNIT-II

Basics of JAVASCRIPT – JAVASCRIPT and HTML Documents.

### UNIT-III

Dynamic Documents with JAVASCRIPT – JAVA APPLETS.

### UNIT-IV

Introduction to XML – Basics of PERL – Using PERL for CGI Programming.

### UNIT-V

Introduction to Web Server and Servlets – Introduction to PHP – Database Access through the Web.

### TEXT BOOK:

1. **Robert W. Sebesta**, Programming the World Wide Web, Pearson education, Second Edition,2005 (ISBN  81-297-0439-0) **[Unit-1 :(**Chapters 1,2,3); **Unit**
2. (Chapters 4,5); **Unit-3 (**Chapters  6,7); **Unit-4 (**Chapters  8,9,10);**Unit-5 (**Chapters  11,12,13)**]**

### REFERENCE BOOK:

1. **H.M. Deitel, P.J. Deitel and A.B. Goldberg**, Internet and World Wide Web - How to Programe, Prentice Hall of India, Third Edition, 2006 (ISBN 81-7758-239-9).
2. **BAYROSS IVAN,** Web enabled commercial application development using HTML, DHTML, Java script, Perl CGI,  2nd revised edition, BPB publishing, 2002 (ISBN 81-7656-274-2).