

Course : US01BCA07
(Fundamentals of Web Designing)
 (Effect from June, 2016)

Credits : 3
 All units carry equal weightage.

Lectures per week : 3

Unit 1. Introduction to Internet and Web Browser	25%
<ul style="list-style-type: none"> • Brief Introduction to the Internet • History of the Internet • Introduction to Protocols & Services provided by the Internet (e-mail, HTTP, File Transfer Protocol, Telnet, WWW) • Some basic terminology and concepts (URL, webpage, web site, web servers, web browsers, search engines) • Components of a browser window • Use of menus (File, Edit, View, History, Tool, Bookmarks/Favorites) • Tabbed browsing, downloading files 	
Unit 2. Introduction to HTML and its tags	25%
<ul style="list-style-type: none"> • An introduction to HTML • Basic Structure of an HTML Document • HTML tags • Text and Paragraph formatting tags and its attributes • Lists (Ordered, Unordered, Definition and nested lists) 	
Unit 3. Basic Web Page Design	25%
<ul style="list-style-type: none"> • HTML table tags and its attributes • Hyperlinks (Internal, External Links) • Inserting an Image in webpage (Internal Image) and Imagelink (External Image) • Frame tags (<Frame>, <Frameset> and nested Framesets) with its attributes 	
Unit 4. Web Page Design with Forms and Introduction to advance HTML	25%
<ul style="list-style-type: none"> • Form tags and its attributes • Introduction to web development tool (Using Libre Office Writer/Web) • Advance Elements of HTML: (!Doctype, meta, Semantic element(<header>, <footer>, <article>, <section>), Input Type elements (number, date, time, calendar, ranges) • Multimedia tags (<audio>, <video>) • Comparison among various versions of HTML and new supported browsers 	

REFERENCE BOOKS:

1. Ivan Bayross, "Web Enabled Commercial Applications Development using HTML, DHTML, Javascript, Perl CGI", BPB, 2004
2. Douglas E Comer: The Internet, PHI, Second Edition, May 2000
3. Xavier C : World Wide Web Design With HTML, Tata McGraw Hill Publication, 2000
4. www.w3schools.com
5. Tutorials Point, Simply Easy Learning, for HTML 5 Tutorial
http://www.tutorialspoint.com/html5/html5_tutorial.pdf
6. HTML 5 for Web Designers (By: Jeremy Keith) – [http:// freepdf-books.com](http://freepdf-books.com)
7. Manuals of suitable packages