

Uka Tarsadia University
Department of Commerce and Management



B.Com (Computer Application)

**CC 3 Web Technology HTML
(30100222)**

Semester - II

Effective from January -2016

Syllabus Version: 1.01

Semester-II**(30100222) CC 3 Web Technology HTML****Credits: 4 Theory****Contact Hours per Week: 4****Credits: 2 Practical****Contact Hours per Week: 4****Course Objective:**

The students will be familiarized to fundamental knowledge of application development using HTML.

Learning Outcomes:

Students will gain knowledge of HTML documents.

Pedagogic Tools:

Lectures, chalk and talk method, IT enabled audio-visual techniques, case analysis, field assignment, etc.

No.	Unit	Minimum No. of Contact Hours (TH)	Minimum No. of Contact Hours (PR)	Approx. Weight age %
1	Introduction To Internet	11	02	20
2	Components of URL	08	09	17
3	Introduction HTML Elements	07	14	13
4	Links, Tables & Frames	10	14	20
5	Working with Forms	09	09	17
6	Cascading Style Sheets	07	04	13
	Total	52	52	100

B.Com (Computer Application)	Subject	Hours
Semester – II	(30100222) CC 3 Web Technology HTML	4hrs/week (Theory) 4hrs/week (Practical)
	(Theory + Practical)	6 Credits

SECTION I		
Unit	Topics	Hours
		TH
Unit-1 [Weight age 20%]	Introduction To Internet and Mobile Internet Connectivity	11
	1.1 Introduction to internet, How does Internet works?, Role of ISP, Internet connection types: Dial-UP connections, ISDN, , Leased Line, Cable internet, Web Hosting, Virtual Private Network (VPN), Voice over internet, E-Mail, Internet Relay Chat (IRC), File Transfer Protocol (FTP), Newsgroups, Telnet (Teletype Network), Gopher, Veronica, Wais, Introduction to mobile internet connectivity, Types of mobile internet connectivity, working of internet connectivity and its applications, Current and Future use of mobile internet connectivity	
Unit-2 [Weight age 17%]	Components of URL	08
	2.1 Introduction, Top-Level Domains, .in-India, Introduction IP address, The network part of the IP address, The local or host part of the IP address, IP address classes and their formats, Relationship of the IP address to the physical address, Static versus dynamic IP addresses, Introduction of World Wide Web, Client – Server side, Web Client/Server, Network Components, Retrieving Documents on the web: URL, world wide web service, Home pages on the web	
Unit-3	Introduction HTML Elements	07

[Weight age 13%]	3.1	Hypertext Markup Language & its Basic structure, Adding Contents, HTML Elements and Nesting Elements: Body element, Head element, Title element, Base element, Meta element, Text, Heading Style, Character Elements: Text formatting, Heading (h1 to h6), Character formatting, HTML Elements: Paragraph, Line Breaks, Horizontal Lines, Preformatted Text, Lists: Numbered, Non-numbered, Definition list, Introduction to Special characters, Code number, Phonetic reference, the most popular character entities	
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SECTION II			
Unit	Topics		Hours
			TH
Unit-4 [Weight age 20%]	Links, Tables & Frames		10
	4.1	Introduction to Links: anchor element, absolute and relative links, target links, target link code, Basic of web publishing, Audio and Video files, Introduction of List, list elements, menu list, dir list, Image map, linking the Image, linking to an audio or video file, Table definition, element table, caption, tbody, th, tr, td, tfoot, thead, Cell Spacing, size of table, table border, Row span, column span,	
Unit-5 [Weight age 17%]	Working with Forms		09
	5.1	Introduction to Forms & Form Element, Input Elements like text, password, radio, submit, Select & Option Element, Label, Textarea & Fieldset, Introduction to Frames, Frameset Element with its attributes, Frame Element with its attributes, Noframe element, Targeted Frame, Borderless frame,	
Unit-6 [Weight age 13%]	Cascading Style Sheets		07
	6.1	Introduction to Style Sheets, Advantages of Style Sheets , CSS: CSS Template, How it works, CSS rules, Declaration, Properties, Comments, Advantages, Limitations, Introduction	

	graphics, Bitmapped graphics, vector graphics, web graphics formats, Graphics interchange format, joint picture experts group, portable network graphics, tagged image file formats, Microsoft windows meta file, summary of image formats	
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Text Book:

1. Bankim Patel & Lal Bihari Barik. Introduction to Web technology & Internet. New Delhi: Acme Learning, Excel Books, 2009.

References Books:

1. Ivan Bayross. *Introduction to internet & web technology*. BPB Publication: 2005.
2. Cowell Thomas. *HTML & CSS Complete reference*. Tata McGraw hill: 2010.