

B.C.A. Semester – II
BCA-202 : Internet & Web Designing

Teaching Scheme (per week)		Teaching Scheme (per semester)		Examination Scheme					
				INT		EXT		TOTAL	
Th. (hours)	Pr. (hours)	Total Hours	Credit	Th. (marks)	Pr. (marks)	Th. (marks)	Pr. (marks)	Th. (marks)	Pr. (marks)
4	--	40	4	30	--	70	--	100	--

Unit - I

[18 Marks]

Concept of Internet

A brief Introduction to the Internet: Computer Networks, Internet, URL (Uniform Resource Locator), Internet Service Provider, Intranet, Extranet, Virtual Private Network.

Application of Internet: World Wide Web, Search Engines, News groups, Electronic Mail, Web Portal, Chat, Video Conferencing, FTP, Remote Login, E-Commerce, E-Learning, E-Governance, E-Banking.

Unit - II

[17 Marks]

Static Web Page Development

Basics of HTML: What is Internet Language?, Understanding HTML, Create a Web page, Linking to other Web Pages, Publishing HTML Pages, Text Alignment and Lists, Text Formatting Fonts Control, Email Links and link within a Page, Creating a Table, Creating HTML Forms, Creating Web Page Graphics, Putting Graphics on a Web Page, Custom Backgrounds and Colors, Creating Animated Graphics.

Unit - III

[18 Marks]

Dynamic Web page Development

Cascading Style Sheet: CSS, Defining Style with HTML Tags, Features of Style Sheet, Style Properties, Style Classes, External Style Sheet

Unit - IV

[17 Marks]

JavaScript

Introduction to JavaScript: Writing First Java Script, External JavaScript, Variables: Rules for variable names, Declaring the variable, Assign a value to a variable, Scope of variable, Using Operators, Control Statements, JavaScript loops, JavaScript Functions: Defining a Function, Returning value from function, User define function.

Text Books:

1. Internet and Web Design
Based on DOEACC III Revised syllabus 'O' Level
Mac Millan India Ltd.
2. Teach Yourself HTML 4 in 24 Hours By Dick Oliver
(Tech media) 4th edition

3. The Complete Reference JavaScript
By Thomas Powell & Fritz Schneider
2nd Edition.
4. Introduction to Internet and HTML Scripting By Bhaumik Shroff, Books India Publ.

Reference Books :

1. HTML and CSS
By Dick Oliver and Michael Morrison (Pearson Education) 7th edition
2. HTML, DHTML, JavaScript, Perl CGI
By Ivan Bayross(BPB) 3rd Edition
3. CSS
By Kynn Bartlett(Pearson Education)2nd Edition
4. Introduction to Internet & HTML Scripting
By Bhaumik Shroff
Books India Publication 3rd Edition.

Question Paper Scheme:

University Examination Duration : 3 Hours.

- Q.1 - Unit-I (18 Marks)
A. Objective/ Short Questions.
B. Descriptive/ Long questions.
- Q.2 - Unit-II (17 Marks)
A. Objective/ Short Questions.
B. Descriptive/ Long questions.
- Q.3 - Unit-III (18 Marks)
A. Objective/ Short Questions.
B. Descriptive/ Long questions.
- Q.4 - Unit-IV (17 Marks)
A. Objective/ Short Questions.
B. Descriptive/ Long questions.

Note: All Objective/ Short Questions are compulsory, no option will be given.