

Kadi Sarva Vishwavidhyalaya, Gandhinagar

BCA Semester I

BCA107 – Part 2: Core 2 (Practical)

Internet Technology

Rationale:

The aim of this course is to provide the conceptual and technological developments in the field of internet and web designing with the emphasis knowledge of internet. The internet Web with its wide spread usefulness has become an integral part of the internet. Therefore, this course also puts emphasis on basic knowledge of internet, concepts of web designing and tools to design web pages.

Learning Outcomes:

- Review the current topics in web and internet technologies.
- Describes the basic concepts for network implementation.
- Learn the basic working scheme of the internet and WWW
- Understand fundamental tools and technologies for web designing.
- Comprehend the technologies for HTML (Hyper Text Markup Language)
- Specify design rules in constructing web pages and sites.
- Effectively deal with designing issues and techniques with CSS.

Teaching and Evaluation Scheme:

Sub. Code	Sub. Type	Subject Title	Teaching Scheme		Exam Scheme				
			Cr.	Hrs. / Week	Theory		Practical		Total Marks
					Internal	External	Internal	External	
BCA 107	Core	Internet Technology & Web Designing	2	4	-	-	15	35	50

Course Content:

Unit: 1

Internet , Internet Technology and web applications : (25%)

- Understanding the concept of Internet and its different types of connection.
- Understanding of different browsers and websites.
- Creating email, file uploading and downloading
- Surfing different social networking sites.

Unit: 2

Basics of HTML (25%)

- Practical on HTML Structure
- Practical on different basic tags and formatting tags
- Practical based in link, list tag, images, audio-video tag and marquee tag
- Create the table using TD, TR, TH, Colspan and Rowspan
- Create inline frame, frame set, horizontal and vertical frameset.

- Create HTML forms

Unit: 3

Introduction Cascading Style Sheet

(25%)

- working with Cascading Style Sheet : Syntex, measurement Units, colors, Background font and Text
- Working with CSS – images, links , tables and borders
- Set the margins with CSS, CSS – List, Padding and Scrollbar
- ID and Class Selector, Inline,internal and External Stylesheet

Unit : 4

Advance CSS and CSS3

(25%)

- Working with CSS – Visibility, Positioning, layers, Pseudo Classes, Text effects, Media Type, Aural Media, Layouts and printing
- CSS – Rounded corner , Border Image, Multibackground
- CSS3 – color, gradients, shadows, text, 2D and 3D Transform
- CSS3 - Multicolumns, User Interface and Box sizing

Textbook: Introduction to Internet and HTML Scripting by Bhaumik Shroff – Books India PVT LTD

References: Web Technology and design – C Xavier

www.W3Schools.com

www.tutorialspoint.com

Evaluation Scheme:

Practical	Viva	Journal	Total
21	7	7	35

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