



मेडी-केप्स विश्वविद्यालय, इंदौर

Medi-Caps University, Indore

Syllabus

Course Code	Course Name	Hours per Week			Total	
		L	T	P	Hrs.	Credits
CA5CO30	Internet & Web Technologies	3	0	0	3	3

Course Objectives:

1. To learn the basic web concepts and Internet protocols.
2. To familiarize with Scripting Languages.
3. To study HTML, CSS, PHP

Prerequisites : NIL

Co-requisites : NIL

Unit-I Web Essentials

World Wide Web, Web versions, HTTP request message-response message, Web Clients, Web Servers and Web Applications Development. Anatomy of Web Page, How Web works, Role of Web Designer. Future of web.

Unit-II HTML

Introduction to HTML, HTML Tags, Text Formatting, Tables, Lists, adding graphics to HTML page, creating tables, linking documents, frames, HTML Forms.

Unit –III CSS

Concept of CSS, Creating Style Sheet, CSS Properties, CSS Styling (Background, Text Format, Controlling Fonts), Working with block elements and objects, Working with Lists and Tables, CSS Id and Class, Box Model(Introduction, Border properties, Padding Properties, Margin properties), CSS Color

Unit –IV PHP

Overview of PHP, PHP Setup, Syntax of PHP, variable, constant, data types, operator, control statement, PHP date and time, PHP form, PHP Mail, Introduction to MySQL, PHP and MySQL connectivity, PHP login.

Unit-V Website Planning & Hosting

Introduction, Webpage, website, How website is different from portal, Components of website, Elements of website, Construction of website, Website Development & publishing, Website Designing, Website Development Language, Website URL Registration, Website hosting, Website Security.

Course Outcomes:

- A. Students would have capability to make own web site and host their own web site on internet.
- B. Students would have enough knowledge about what are the technologies used in internet.
- C. After successful completion of the course, student will be able to understand, analyze and apply the role of languages like HTML, DHTML, CSS, PHP
- D. Analyze a web page and identify its elements and attributes.

Text Books:

1. Web Design The complete Reference, Thomas Powell, Tata McGrawHill
2. HTML and XHTML The complete Reference, Thomas Powell, Tata McGrawHill
3. PHP and MYSQL, Vikram Vanvanshi, Tata McGrawHill
4. PHP : The Complete Reference By Steven Holzner, Tata McGrawHill
5. Michel Morrison -HTML and XML for Beginners, PHI

Reference Books:

1. Deitel H.M. and Deitel P.J., “Internet and World Wide Web How to program”, Pearson International, 2012, 4th Edition.
2. Developing Web Applications, Ralph Moseley and M. T. Savaliya, Wiley-India
3. Godbole A. S. & Kahate A., Web Technologies, TMH.
4. Developing Web Applications in PHP and AJAX, Harwani, McGrawHill
5. HTML 5 and CSS 3.0 to the Real World by Alexis Goldstein, Sitepoint publication

Web Source:

- 1 . <https://getbootstrap.com/>
2. www.tutorialspoint.com
3. www.tizag.com