

## GENERIC ELECTIVES (GE-1)

### COMMON POOL OF GENERIC ELECTIVES (GE) COURSES OFFERED

Course title & Code	Credits	Credit distribution of the course			Eligibility criteria	Pre-requisite of the course (if any)
		Lecture	Tutorial	Practical/ Practice		
Front End Designing	4	3	0	1	Class XII Pass	NA

#### Learning Objectives

The course is designed to introduce the web page designing concepts using HTML and CSS to students. The course also aims to achieve competence amongst its students to develop correct and efficient online websites for businesses.

#### Learning Outcomes

On successful completion of the course, students will be able to:

1. To gain basic knowledge of HTML.
2. To understand various elements of HTML.
3. Implementation of frames and forms.
4. Explore structures and implementation of CSS.
5. Analyze, design and develop a website.

#### SYLLABUS OF GE-1

##### Unit 1 Introduction to HTML :( 6 Hours):

Basic structure of an HTML Document, Markup tags, heading, paragraphs, line breaks, HTML tags.

##### Unit 2 Elements of HTML (15 Hours):

Introduction to elements of HTML, working with text, lists, tables, hyperlinks, images, multimedia,

inline elements, Block level elements, internal hyperlinks, external hyperlinks.

**Unit 3 Frames and Forms (9 Hours):**

Frames, forms and controls.

**Unit 4 Cascading Style Sheets (9 Hours):**

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

**Unit 5 Web Designs (6 Hours):** Creating page Layout and Site Designs.

**Practical component – 30 Hours**

The practical assignments must include exercises on creating static websites using HTML and CSS on platforms like Notepad/Notepad++/Visual Studio.

**Essential Readings**

1. Bayross, I. Web enabled commercial application development using HTML, JavaScript, DHTML and PHP, 4th edition, BPB Publication (2013).
2. Boehm, A., & Ruvalcaba, Z. Murach's HTML5 and CCS3 (3rd edition). Mike Murach & Associates. (soft copy version) (2015)

**Suggested Readings**

1. Minnick, J. Web Design with HTML5 and CSS3 (8th edition). Cengage Learning (2015).

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