

FIFTH SEMESTER				
Course code	BCA5D02			
Name of the course	Web Designing			
Course No	Course Category Core/Compli / Elective	Number of Credits	Number of hours of Lectures/week	Total marks (Int+Ext)
29	OPEN COURSE	3	3	75(Internal 15+ External 60)

CO	CO Statement	Hrs	Cognitive Level (CL)	Knowledge Category (KC)	PO	PSO
CO1	Understand the current technologies in internet.	12	U	C	P02,PO7	PSO1
CO2	Learn the language of the web: HTML and CSS.	12	U	C	P02	PSO1
CO3	Analyze a web page and identify its elements and attributes.	12	An	P	P02,PO7	PSO1
CO4	To learn the basics of JavaScript programming	12	U	P	P02,PO7	PSO1

Unit I [12T]: HTML: Introduction - history of html, sgml - structure of html document, web page layout, html tags and types - font type, paragraph formatting, meta data, blockquote, hyperlinks, linking, comments, white space, horizontal ruler, images, ordered and unordered lists, frames, tables, forms

Unit II [12T]: DHTML: Introduction, DHTML technologies, elements of DHTML, document object model, events - window events, form events, keyboard events, mouse events, style sheets, properties used in style sheets - background properties, positioning properties.

Unit III [12T]: Javascript: Introduction and advantages of javascript, java script syntax, writing javascript in html, javascript operators, arrays and expressions, programming constructs - for .. in loop, while loop - dialog boxes and prompts - alert, prompt, confirm methods - functions - built-in functions and user defined functions, scope of variables, handling events, using event handlers and event methods, form object, properties, methods, form element's properties and methods.

Unit IV [12T]: HTML Editor: Introduction, advantages, creating, opening, saving a web page, building forms, formatting and aligning text and paragraph, adding lists, styles and themes, linking pages, working with images, frames.

Reference:

1. H. M. Dietel, Internet and World Wide Web, Pearson.