

GANPAT UNIVERSITY									
FACULTY OF ENGINEERING AND TECHNOLOGY (DIPLOMA PROGRAMMES)									
Programme		Diploma Engineering			Branch/Spec.		Computer Engineering / Information Technology		
Semester		II			Version		1.0.0.0		
Effective from Academic Year				2018-19		Effective for the batch Admitted in		June 2018	
Subject code		1ES205		Subject Name		Web Technology			
Teaching scheme					Examination scheme (Marks)				
(Per week)		Lecture(DT)		Practical(Lab.)		Total		Total	
		L	TU	P	TW			CE	SEE
Credit		0	0	2	0	2	Theory	0	0
Hours		0	0	4	0	4	Practical	60	40
Pre-requisites:									
Basic Knowledge of Computer									
Learning Outcome:									
<ul style="list-style-type: none"> <li>• Student can design static web site</li> <li>• Student can use java script to make page more interactive.</li> </ul>									
Practical syllabus									
Unit	Content								Hrs
1	<b>Basic of HTML</b> Basic structure of Html page: Heading, Font, line, break, Paragraph, Comments, List tags, Anchor tag, Marquee tag, Frame structure, Creating tables in Html, div Different tools for Html editing								12
3	<b>Embed Multimedia to HTML Page</b> Image tag, Audio ,Video tags,bgsound								8
4	<b>CSS</b> Cascading Style Sheets for Web page design, Types of CSS, Apply CSS on Page, CSS on: Border, Margin, Padding, Height and Width, Text, Fonts, Icons, Links, Lists, Tables, Opacity								20
5	<b>JavaScript</b> Introduction to JavaScript, adding JavaScript to Documents, statements, variables, operators, data types, JavaScript Events: onClick, onMouseOver, onMouseout, onKeyDown, onLoad								10
6	<b>Planning and Designing a Web Site</b> What is website?, Component of a website, Website planning, Web page designing, Web hosting, Domain registration, Make a simple static web site with html and css								10
Practical content									
<ol style="list-style-type: none"> <li>1. Study about different tools used in html editing. (Notepad++, Dream Viewer).</li> <li>2. To Study Structure of HTML page.</li> <li>3. Practical to perform following tags: Heading, Font.</li> <li>4. Practical to insert line and break into page.</li> <li>5. Practical to perform paragraph formatting.</li> <li>6. Making ordered and unordered list.</li> </ol>									

7. Practical to insert images in page.
8. Practical to perform marquee tags.
9. Practical to link one page to other page.
10. Practical to embed image, audio and video.
11. Study about Structure of CSS file and types of CSS.
12. Practical to perform following CSS properties on HTML page: Border, Margin, Padding, Height, Width, Text, Fonts, Icons, Links, Lists, Tables, Opacity.
13. Practical to print your name using JavaScript.
14. Practical to use of different operators in JavaScript.
15. Practical to demonstrate different events in JavaScript.
16. Study how to plan and design web site.
17. Practical to demonstrate how to host and upload the web site.
18. Make a simple web site which contains 5 page. (Use HTML and CSS).

#### Text Books

1	HTML and CSS: the Complete Reference, Fifth Edition (McGraw Hills)
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#### Reference Books

1	Mastering HTML4.0 by Ray and Ray (BPB Publications)
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#### Web Reference

<https://www.w3schools.com/>