

GANPAT UNIVERSITY								
FACULTY OF ENGINEERING & TECHNOLOGY								
Programme	Diploma Engineering				Branch	INFORMATION TECHNOLOGY		
Semester	IV				Version	1.0.0.0		
Effective from Academic Year	2018-19				Effective for the batch Admitted in	June 2018		
Subject code	1CE2406		Subject Name	Web Designing With CSS Framework				
Teaching scheme					Examination scheme (Marks)			
(Per week)	Lecture(DT)		Practical(Lab.)		Total	CE	SEE	Total
	L	TU	P	TW				
Credit	0	0	1	0	1	Theory	00	00
Hours	0	0	2	0	2	Practical	30	20

Pre-requisites:
Basic knowledge of Computer

Course Learning Outcomes:
<p>The course content should be taught and implemented with an aim to develop different skills leading to the achievement of the following competencies and course learning outcomes:</p> <p>T1.Understand the use of Bootstrap</p> <p>T2.Apply the knowledge of bootstrap grid to make a responsive web page.</p> <p>T3.Add the Bootstrap components to web page like button, menu, drop down.</p> <p>The practical should be carried out in such a manner that students are able to acquire different learning outcomes in cognitive, psychomotor and affective domain to demonstrate course learning outcomes.</p>

Name of UNIT	Unit Content	Unit Learning Outcomes	Hrs
UNIT 1 Introduction to Bootstrap	1.1. What is Bootstrap Framework, Advantages of Bootstrap Framework, 1.2. Responsive webpage, Major Features of Bootstrap, What is Mobile-First Strategy, 1.3. Setting up Environment, How to apply Bootstrap to Applications	1.1 Build responsive, mobile-first projects on the web with the world's most popular front-end component library.	7
UNIT 2 Bootstrap Grid	2.1. Bootstrap Grid, How to apply Bootstrap Grid, Container, Offset Column, Reordering Columns, 2.2. Advantages of Bootstrap Grid, Display responsive Images, Bootstrap Typography, Bootstrap Tables, 2.3. Bootstrap Form Layout, Bootstrap Button, display images in different styles like Circle shape etc,	2.1 Execute bootstrap to design Grid, menu, images.  2.2 Implement the form layout ,buttons and circle shapes in bootstrap.	7

	2.4. display text like muted and warning etc, Carets Classes, hide or show the text in Bootstrap		
UNIT 3 Bootstrap Components	3.1. Bootstrap Components, Advantages of Bootstrap Components, different types of Bootstrap Components, 3.2. Glyph icons, Dropdown, Button, Button Toolbar, Input Groups Component, Navigation Pills and Tabs Components, 3.3. Navbar Component, Responsive Navbar, Labels / Badge Components, Jumbotron / Page Header Components, 3.4. Thumbnail Component, Alerts & Dismissible Alerts, Progress Bar, List Group Component, Panel Components	3.1 Executes different bootstrap components, Dropdown and navigation and tabs in notepad  3.2 Understanding the Jumbotron / Page Header Components, List group with practices.	7

List of Practical		
No.	Unit	Name of Practical
1	1	Introduction to CSS.
2	1	Write a program to create menu using HTML and CSS.
3	1	Write a program for External CSS.
4	2	Write a program for Internal and Inline CSS.
5	2	Write a bootstrap for Button with all attributes.
6	3	Write a bootstrap for responsive menu.
7	3	Write a bootstrap for condensed table.
8	2	Write a bootstrap for Two Columns With Two Nested Columns grid.
9	3	Write a bootstrap for Stacked-to-horizontal grid.
10	3	Write a bootstrap for Pagination.
11	3	Write a bootstrap for Navbar.

List of Instruments / Equipment / Trainer Board	
1	Computer System with latest configuration and memory
2	Boot Strap framework, HTML/CSS Editor, Web Browser

List of Reference Books			
No	Title of Reference Books	Authors	Publication
1	Bootstrap	Jake Spurlock	O'Reilly Publishers.2013
2	Web Programming with Html, Css, Bootstrap, Javascript, JQuery, Php,	Larry Sanchez	Createspace Independent Pub, 2017

	and Mysql		
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Link of Learning Web Resource	
1	<a href="https://www.w3schools.com/bootstrap/default.asp">https://www.w3schools.com/bootstrap/default.asp</a>