



Bharath

INSTITUTE OF HIGHER EDUCATION AND RESEARCH

(Declared as Deemed-to-be University under section 3 of UGC Act 1956)

CIRCULAR

08.08.2017

The School of computing, Bharath Institute of Higher Education and Research is planned to conduct a certification value added course on **Web Designing** for the benefit of II, III and IV year students. This course is scheduled from 11.08.2017 for 30 hours which includes theory and practical. The timings are 1:30 PM to 4:30 PM from Friday (AN) and Saturday (FN&AN).

All Registered Students must attend all the classes without fail. The following faculty members are assigned to handle the course. S.NO	Name of the Faculty	Designation
1	Dr.C.Nalini	Professor
2	R.Velvizhi	Assistant Professor

Head of Department

To

Copy to CSE

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HEAD OF DEPARTMENT
Department of Computer Science & Engg.,
Bharath Institute of Higher Education & Research
(Declared as Deemed to be University U/S 3 of UGC Act, 1956)
Chennai-600 073. INDIA



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CERTIFICATE COURSE ON WEB DESIGNING

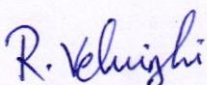
Date of Introduction of the Course: 08.08.2017


The timings are 1:30 PM to 4:30 PM from Friday (AN) and Saturday (FN&AN).

Time Table & Lesson plan

CLASS	DATE	TOPIC
1,2	11.8.2017(AN)	1. Introduction to Web Technologies Introduction to Web Technologies, Careers in Web Technologies and Job Roles, How the Website Works? , Client and Server Scripting Languages, Domains and Hosting, Responsive Web Designing, Types of Websites (Static and Dynamic Websites), Web Standards and W3C recommendations.
3,4	11.8.2017 (AN) 12.8.2017(FN)	2. HTML 4.01 and XHTML 1.1 What is Markup Language , Basic Structure of HTML , Difference Between HTML and XHTML , Head Section and Elements of Head Section , Meta Tags ,Css Tags ,Script Tag , Table Tag , Div Tag , Header Tags , Paragraph, Span, Pre Tags , Anchor Links and Named Anchors, Image Tag, Object Tag
5,6	12.8.2017(AN)	3. HTML 4.01 and XHTML 1.1 Forms ,Form Tag , Attributes of Form , POST and GET Method ,Fieldset and Legend ,Text input, Text area , Checkbox and Radio Button , Dropdown, List and Optgroup , File Upload and Hidden Fields ,Submit, Image, Normal, Reset Button , Creating a Live Website Form , HTML Validators
7,8	12.8.2017 (FN) 12.8.2017(AN)	4. CSS 2.1 Introduction to Cascading Style Sheets , Types of CSS , CSS Selectors , Universal Selector ,ID Selector , Tag Selector , Class Selector , Sub Selector ,Child Combinatory Selector , Adjacent Sibling Selector ,Attribute Selector
9,10	18.8.2017 (AN)	5. CSS 2.1 Group selector , First-line and First-letter selector , Before and After Selector Characterizing SaaS-Streamlining administration with centralized installation, Optimizing cost and performance with scale on demand
11,12	18.8.2017 (AN)	6. CSS Properties Type Properties, Background Properties,Block Properties, Box Properties, List Properties, Border Properties, Positioning Properties, Realtime Implementation

13,14	19.8.2017 (FN) 19.8.2017 (FN)	7. HTML 5 Introduction to HTML5, Features of HTML5, HTML5 DocType , New Structure Tags,Section , Nav , Article , Aside ,Header ,Footer , Designing a HTML Structure of Page , New Media Tags
15,16	19.8.2017 (FN)	8. HTML 5 Audio Tag ,Video Tag, Canvas and Svg Tag ,Introduction to HTML5 Forms, New Attributes, Placeholder Attribute, Require Attribute, Pattern Attribute, Autofocus Attribute, email , tel, url types
17,18	19.8.2017 (AN) 19.8.2017 (AN)	9. Responsive Web Design with Bootstrap Introduction to Responsive Design, Mobile first design concepts, Common device dimensions, View-port tag, Using css media queries, Menu conversion script
19,20	19.8.2017 (AN)	10. Responsive Web Design with Bootstrap Basic Custom Layout, Introduction to Bootstrap, Installation of Bootstrap, Grid System, Forms, Buttons, Icons Integration, Using CSS3 in Practical.
21,22	25.8.2017 (AN)	11. Java Script Introduction to Client Side Scripting, Introduction to Java Script, JavaScript Types, Variables in JS, Operators in JS , Conditions Statements , Java Script Loops. JS Popup Boxes.
23,24	25.8.2017 (AN) 26.8.2017 (FN)	12. Java script JS Events, JS Arrays , Working with Arrays , JS Objects ,JS Functions , Using Java Script in Real-time , Validation of Forms , Related Examples.
25,26	26.8.2017 (FN)	13. jQuery Introduction to jQuery, jQuery Features, Installing jQuery, jQuery Syntax, jQuery Ready Function.
27,28	26.8.2017 (FN) 26.8.2017 (AN)	14. Web Hosting Web Hosting Basics, Types of Hosting Packages, Registering domains, Defining Name Servers
29,30	26.8.2017 (AN)	15. Web Hosting Using Control Panel, Creating Emails in C panel, Using FTP Client, Maintaining a Website.


COURSE COORDINATOR


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Date of Introduction of the Course: 11.08.2017

COURSE SYLLABUS

1. Introduction to Web Technologies

Introduction to Web Technologies, Careers in Web Technologies and Job Roles, How the Website Works? , Client and Server Scripting Languages, Domains and Hosting, Responsive Web Designing, Types of Websites (Static and Dynamic Websites), Web Standards and W3C recommendations.

2. HTML 4.01 and XHTML 1.1

What is Markup Language , Basic Structure of HTML , Difference Between HTML and XHTML , Head Section and Elements of Head Section , Meta Tags ,Css Tags ,Script Tag , Table Tag , Div Tag , Header Tags , Paragraph, Span, Pre Tags , Anchor Links and Named Anchors, Image Tag, Object Tag

3. HTML 4.01 and XHTML 1.1

Forms ,Form Tag , Attributes of Form , POST and GET Method ,Fieldset and Legend ,Text input, Text area , Checkbox and Radio Button , Dropdown, List and Optgroup , File Upload and Hidden Fields ,Submit, Image, Normal, Reset Button , Creating a Live Website Form , HTML Validators

4. CSS 2.1

Introduction to Cascading Style Sheets , Types of CSS , CSS Selectors , Universal Selector ,ID Selector , Tag Selector , Class Selector , Sub Selector ,Child Combinatory Selector , Adjacent Sibling Selector ,Attribute Selector

5. CSS 2.1

Group selector , First-line and First-letter selector , Before and After Selector Characterizing SaaS-Streamlining administration with centralized installation, Optimizing cost and performance with scale on demand

6. CSS Properties

Type Properties, Background Properties,Block Properties, Box Properties, List Properties, Border Properties, Positioning Properties, Realtime Implementati

7. HTML 5

Introduction to HTML5, Features of HTML5, HTML5 DocType , New Structure Tags,Section , Nav , Article , Aside ,Header ,Footer , Designing a HTML Structure of Page , New Media Tags

8. HTML 5

Audio Tag ,Video Tag, Canvas and Svg Tag ,Introduction to HTML5 Forms, New Attributes, Placeholder Attribute, Require Attribute, Pattern Attribute, Autofocus Attribute, email , tel, url types

9. Responsive Web Design with Bootstrap

Introduction to Responsive Design, Mobile first design concepts, Common device dimensions, Viewport tag, Using css media queries, Menu conversion script

10. Responsive Web Design with Bootstrap

Basic Custom Layout, Introduction to Bootstrap, Installation of Bootstrap, Grid System, Forms , Buttons, Icons Integration, Using CSS3 in Practical.

11. Java Script

Introduction to Client Side Scripting, Introduction to Java Script, JavaScript Types, Variables in JS , Operators in JS , Conditions Statements , Java Script Loops. JS Popup Boxes.

12. Java script

JS Events, JS Arrays , Working with Arrays , JS Objects ,JS Functions , Using Java Script in Real-time , Validation of Forms , Related Examples.

13. jQuery

Introduction to jQuery, jQuery Features, Installing jQuery, jQuery Syntax, jQuery Ready Function.

14. Web Hosting

Web Hosting Basics, Types of Hosting Packages, Registering domains, Defining Name Servers

15. Web Hosting

Using Control Panel, Creating Emails in C panel, Using FTP Client , Maintaining a Website.

COURSE OBJECTIVES

In this course we plan to give students an overview of the field of Web designing, and an in-depth study into its enabling technologies and main building blocks. Students will gain hands-on experience in developing web site and hosting it.

Specifically, the course has the following objectives:

Students will learn

- Understand the principles of creating an effective web page, including an in-depth consideration of information architecture.
- Become familiar with graphic design principles that relate to web design and learn how to implement theories into practice.
- Develop skills in analyzing the usability of a web site.
- Understand how to plan and conduct user research related to web usability.
- Learn the language of the web: HTML and CSS.
- Learn CSS grid layout and flexbox.
- Learn techniques of responsive web design, including media queries.
- Develop skills in digital imaging (Adobe Photoshop.)
- Develop basic programming skills using Javascript and jQuery.
- Be able to embed social media content into web pages.



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CERTIFICATE COURSE ON WEB DESIGNING

Date of Introduction of the Course: 11.08.2017

School of Computing

Registered Students Name List

S.NO	REG.NO	NAME OF THE STUDENT
1	U16CS004	ABDUL KHADIR L
2	U16CS006	SARAVANAN R
3	U16CS059	SRAVANI GADIPARTHI
4	U16CS060	PARUCHURU JYOTHI SATYA SIVA NAGA SWAROOP
5	U16CS061	NAGIREDDY GARI SANJUNATH REDDY
6	U16CS062	NALLAMOTHU TARUN KUMAR
7	U16CS063	GANNAMANI PRAVEEN
8	U16CS131	MAGULURI PAVAN
9	U16CS132	GAIKOTI MADHAVA RAO
10	U16CS135	HARI S
11	U16CS191	SHAIK AFRIDI
12	U16CS192	GANTLA VASU
13	U16CS193	MUNAGANURU SAI ANUDEEP
14	U16CS194	GADDAM AMARA HARSHAVARDHAN REDDY
15	U16CS195	BOLLAM MANINDRA
16	U15CS001	ABHIJEET KUMAR
17	U15CS002	ABHIJIT KUMAR GUPTA
18	U15CS003	ABHISHEK KUMAR SINGH
19	U15CS004	ALLU SAI SIVA PRIYANKA NAIDU
20	U15CS005	AMBIKE KUMAR SINGH
21	U15CS064	INJE RAVI TEJA
22	U15CS065	INNURU SWATHI
23	U15CS066	JAGADEESH K
24	U15CS067	JAGADEESWARA RAO JADDU
25	U15CS068	JAICHAND KUMAR
26	U15CS069	JANAKI RAMAN V

27	U15CS156	PERURI V S V KRISHNA MOHAN
28	U15CS157	POORVISHA M
29	U15CS159	PRADEEP YADAV
30	U15CS160	PRASAD ABHISHEK KUMAR
31	U15CS161	PRASHANT PATHAK
32	U15CS212	UTTAM KUMAR
33	U15CS216	VEMSETTY ARUN SAHADEV
34	U14CS051	GANESH RAJ .L
35	U14CS052	GARLAPATI HEMA SAI KRISHNA
36	U14CS053	GODJSELA SRINATH
37	U14CS054	GONTLA KARTHIK
38	U14CS055	GOTTIPATI KARTHIK
39	U14CS101	MOHAMMAD AADIL SHANHREYAR.
40	U14CS102	MOHAMMED AABID
41	U14CS104	MOLUGURI PRADEEP CHANDRA
42	U14CS105	MOOTHI LAKSHMI PRASANNA
43	U14CS106	MUGANTH.R.
44	U14CS161	SANJAY KUMAR YADAV
45	U14CS162	SANTHOSH KUMAR.N
46	U14CS163	SASHAANK.S
47	U14CS164	SAURAV KUMAR
48	U14CS501	ARUN
49	U14CS504	SARAVANAN.B
50	U14CS506	I.SUKAPATLA AVINASH

R. Veluigchi

COURSE COORDINATOR

[Signature]

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CERTIFICATE OF PARTICIPATION

This certificate is presented to

GANTLA VASU (U16CS192)

For actively participating in the value added course “Certificate Course on Web Designing”
Conducted by School of Computing, BIHER from 11.08.2017 to 26.08.2017.

P. Veluvigai
COURSE COORDINATORS

[Signature]
HEAD OF THE DEPARTMENT

[Signature]
DIRECTOR

COURSE FEEDBACK FORM

Academic Year		2017-2018			
Term		Odd Sem			
Course Number					
Course Title		web Designing			
Number of Credits					
Type of Course	Regular		Elective		Add-on <input checked="" type="checkbox"/>

I. Information on the Respondent: (Tick (✓) Appropriately)

1.	Percentage of classes attended								
	0-20		20-40		40-60		60-80	<input checked="" type="checkbox"/>	80-100

2.	Number of hours per week spent on the course (Other than lecture hours)								
	0-2		2-4		4-6		6-8	<input checked="" type="checkbox"/>	8-10

3.	Preparation for the course by the student:										
	(i)	Have done part of this course earlier								yes	
	(ii)	Has adequate prior exposure to the prerequisites								yes	
	(iii)	Had to pickup relevant additional topics through concurrent study								yes	
	(iv)	Have no exposure to the background material								yes	

4.	The expectations for taking the course by the student are:										
	(a)	Enhance by skill base in the area of specializations								yes	
	(b)	Get exposed to a relevant subject								yes	
	(c)	Curiosity								yes	
	(d)	Better Employment Opportunity								yes	
	(e)	Complete Course requirements								yes	
	(f)	To Improve CGPA								yes	

About the Instructor: Information on the Respondent: (Tick (✓) Appropriately)

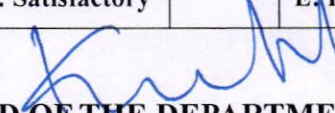
		A	B	C	D	E
1.	Pace of the Teaching/lecture			<input checked="" type="checkbox"/>		
2.	Content of the Subject			<input checked="" type="checkbox"/>		
3.	Clarity of expression			<input checked="" type="checkbox"/>		
4.	Level of preparation		<input checked="" type="checkbox"/>			
5.	Level of interaction		<input checked="" type="checkbox"/>			
6.	Accessibility outside the class			<input checked="" type="checkbox"/>		
7.	Others (please specify)					

A: Excellent	B: Very Good	C: Good	D: Satisfactory	E: Poor
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COURSE FEEDBACK FORM

Academic Year		2017-2018							
Term		ODD SEM							
Course Number		WEB DESIGNING							
Course Title									
Number of Credits									
Type of Course	Regular		Elective		Add-on	<input checked="" type="checkbox"/>			
I. Information on the Respondent: (Tick (✓) Appropriately)									
1. Percentage of classes attended									
0-20		20-40		40-60		60-80	<input checked="" type="checkbox"/>	80-100	
2. Number of hours per week spent on the course (Other than lecture hours)									
0-2		2-4		4-6		6-8	<input checked="" type="checkbox"/>	8-10	
3. Preparation for the course by the student:									
(i)	Have done part of this course earlier						yes		
(ii)	Has adequate prior exposure to the prerequisites						yes		
(iii)	Had to pickup relevant additional topics through concurrent study						yes		
(iv)	Have no exposure to the background material						yes		
4. The expectations for taking the course by the student are:									
(a)	Enhance by skill base in the area of specializations						yes		
(b)	Get exposed to a relevant subject						yes		
(c)	Curiosity						yes		
(d)	Better Employment Opportunity						yes		
(e)	Complete Course requirements						yes		
(f)	To Improve CGPA						yes.		
About the Instructor: Information on the Respondent: (Tick (✓) Appropriately)									
		A	B	C	D	E			
1.	Pace of the Teaching/lecture				<input checked="" type="checkbox"/>				
2.	Comment of the Subject				<input checked="" type="checkbox"/>				
3.	Clarity of expression				<input checked="" type="checkbox"/>				
4.	Level of preparation		<input checked="" type="checkbox"/>						
5.	Level of interaction		<input checked="" type="checkbox"/>						
6.	Accessibility outside the class			<input checked="" type="checkbox"/>					
7.	Others (please specify)								
A: Excellent		B: Very Good		C: Good		D: Satisfactory		E: Poor	


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