



Taranath Shikshana Samstha

LAXMI VENKATESH DESAI COLLEGE, RAICHUR-584103.



Re-Accredited by NAAC with B Grade

DEPARTMENT OF COMPUTER SCIENCE

Add-On Course Documents

Title: Web Technology

Academic Year: 2022-2023

Sl.No	Particulars
1	Declaration
2	Permission letter
3	BOS Request Letter
4	Brochure
5	Notice
6	Syllabus
7	Timetable
8	Attendance
9	Summary Report
10	Model certificate



Taranath Shikshana Samsthe



LAXMI VENKATESH DESAI COLLEGE, RAICHUR-584103.

(Affiliated to Gulbarga University, Kalaburagi. Re-Accredited by NAAC with "B" Grade)

Dr. Venkatesh B. Devaru, M.Sc., Ph.D., MBA.
PRINCIPAL

Office of the Principal
Ph: (08532)-240286, 240707
Fax: +918532 240707
e-mail: lvdrcc@gmail.com
Website: www.lvdcollege.com

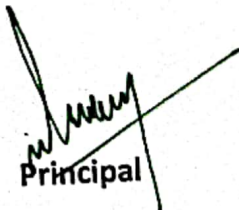
Date: 08/10/2022

TO WHOMEVER IT MAY CONCERN

This is to certify that, the college has introduced the Add_On course on, " Web Technology" with the duration of 90 hours introduced in 2022-23. The said programme is apart from the existing course curriculum.


Head of the Department

Head of Department
Computer Science
L. V. D. College,
RAICHUR-584101.


Principal
PRINCIPAL
L.V.D. College, RAICHUR-03.

Date: 8/10/2022

To
The Principal,
LVD College, Raichur.

From
HoD.
Computer Science Department.

Respected Sir,

Sub: Permission to start a Certificate course

With respect to the above-cited subject I, the undersigned request you to grant permission to start a Certificate course titled "WEB TECHNOLOGY" to B.A/B.C.AV-semester student. The details of the syllabus and duration are enclosed. This course helps students to build up their skills. Kindly grant the permission.

Thanking You,

Permitted
[Signature]
PRINCIPAL
Laxmi Venkatesh Desai College,
RAICHUR.

[Signature]
Yours Faithfully,
Department
Computer Science
L. V. D. College,
RAICHUR-584101



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PRINCIPAL

Office of the Principal
Ph: (08532)-240286, 240707
Fax: +918532 240707
e-mail: lvdrcr@gmail.com
Website: www.lvdcollege.com




Date: 12/10/2022

ORDER

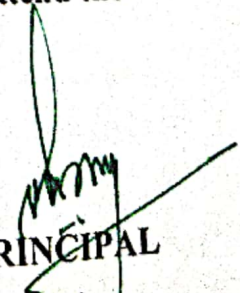
Sub: Meeting of Board of Studies members

A meeting of the following BOS is hereby convened on 15/10/2022 at 11:00 AM in the Department of Computer Science, LVD College, Raichur.

BOARD OF APPOINTMENT OF BOS MEMBERS FOR ADD-ON COURSE

- | | | | |
|----|--|-----------------|---|
| 1) | Dr. Chandrashekhar. S
Assistant Professor
Department of Computer Science
GFGC, Raichur. | Chairman |  |
| 2) | Sri. Laxmikanth Dixit
Lecturer,
AME'S Degree College, Raichur. | Member |  |
| 3) | M.A. Kareem
Head of the Department
Department of Computer Science
LVD College, Raichur | Member |  |

The Chairman and the members are requested to make it convenient to attend the BOS Meeting


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PRINCIPAL
L.V.D. College, RAICHUR-03.



Web Technology

Outcomes:

Students will be develop basic programming constructs of HTML, CSS and JavaScript.

Students will be asked to embed JavaScript in their web pages and also experiment with simpleQuery to enhance their pages.

They will then be introduced to PHP, Hypertext Preprocessor.

They will be asked to download a web server, which support PHP programs, to run on their computers.

Students will also be introduced to MySQL, a relational database management system (RDBMS) that runs on a server providing multi-user access to a number of databases.

Students learn the server side of technologies and get an overview of how the Internet is built on the client-server architecture.



Taranath Shikshana Samsthe
**LAXMI VENKATESH DESAI
COLLEGE, RAICHUR.**

Re-Accredited BY NAAC with 'B'
grade

**Department of Computer
Science**
Offering Course on

"WEB TECHNOLOGY"

For

B.C.A / B.A Students

Duration: 3 months

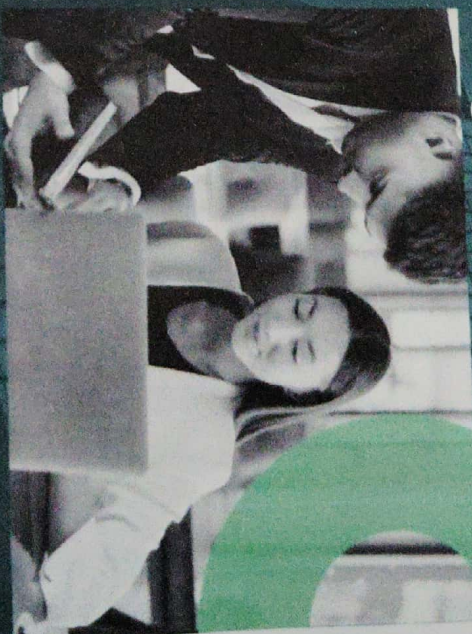
2022-2023

Starts From: 12-12-2022

Join Now

Course includes:

- Building of Web Technologies
- Review of HTML and CSS
- Introduction to Query, animation, scaling, menus, on, scaling, menus,
- Special effects.
- PHP Basic Constructs
- Introduction to SQL.
- Using MySQL.



CONTACT:

1) M.A Kareem

H.O.D

Department of Computer Science

2) Swathi Dixit

Lecturer

Department of Computer Science

LAXMI VENKATESH
DESAI COLLEGE, RAICHUR

Laxmi Venkatesh Desai College, Raichur

Affiliated to Gulbarga University, Kalaburagi. Accredited by UGC with A grade

Department of Computer Science

Notice

All the B.A/B.C.A V Semester students are hereby informed to join and get the benefit of the certificate course titled

"WEB TECHNOLOGY"

starting from

12-12-2022, from 1:40 PM to 2:30 PM

This course enables you to learn Internet Services and Applications. Gives you a way to interact with hosted information like websites. It involves the use of hypertext mark-up language (HTML) and Cascading Style Sheet (CSS).

*G.H.
B.C.A II year*

*Breddy
B.C.A II year*

*Principals
11/11/2022*

BCA III year

*Co-Ord
B.Sc*

Signature of HOD
Head of Department
Computer Science
L. V. D. College
RAICHUR-584 101.

[Signature]
PRINCIPAL
L.V.D. College, RAICHUR-03.

[Signature]
B.A II year.



Department of Computer science

Introducing a Certificate Course Title: WEB TECHNOLOGIES

Duration: 3 Months

This Course is for Students of any Discipline (BA/B.Sc/BCA) of any Semester

Course Description:

Building on the basic Web Technologies in the course, students will learn to create more dynamic and interactive websites using JavaScript. Advanced HTML, CSS, and basic JavaScript enhance the client-side webpages and students will learn to use these technologies for their specific purposes. Students begin working with server- describing and web applications development using PHP and My SQL. This will allow students to create websites that store, access, and use data stored in the database tables and it allows them to perform simple SQL queries to produce the desired results.

Text(s)/Materials:

Notes will be provided and a number of online resources, including tutorials on <http://www.w3schools.com/> will be used.

Instructional Design and Approach:

There will be a hands-on approach in learning the web technologies in this course. Students will be introduced to the basic programming constructs of HTML, CSS and JavaScript. Students will be asked to embed JavaScript in their web pages and also experiment with simple JQuery to enhance their pages. They will then be introduced to PHP, Hypertext Preprocessor, in the second quarter. PHP is widely used, general-purpose scripting language that was originally designed for web development to produce dynamic web sites. They will be asked to download a web server, which support PHP programs, to run on their computers. Students will also be introduced to MySQL, a relational data base

management system (RDMS) that runs on a server providing multi-user access to a number of databases. Students learn the server side of technologies and get an overview of how the Internet is built on the client-server architecture.

Student Expectations:

Be involved in class discussions and explorations, both large and small group.

- Attend all the classes and be on time.
- Complete all daily assignments, labs, and projects in a timely manner.
- Take responsibility to look up new features from online resources.
- Take responsibility for learning certain basic skills and relationships.
- Take responsibility for seeking additional help as it is needed.
- Collaborate with each other and contribute to each other's learning

Materials Needed:

Because of the abundance of information about web technologies on the Internet, we will not use any one text book for this course. However, students will be required to go through tutorials for each topic at the given links. Students will also be asked to read material from online text book and /or handouts for certain topics, <http://www.w3schools.com/> and <http://htmldog.com/>

Course components:

- **Exercises:** Must be completed on a timely basis. Will be checked regularly during class time.
- **Projects:** Programming projects will be assigned.
- **Labs:** Labs are designed to be completed in class. As such the labs are due by the end of the class the day they are assigned. The labs are meant to help students exercise specific concepts covered in(or out of)the class.

Academic Honesty: All programs must be your own work. Copies of another's work will be considered plagiarism and treated accordingly.

Sequence of Topics and Activities

Month	Topic Covered
1	About the course/go through syllabus. Review of HTML, CSS. What's a web application? Why are we using JavaScript? Introduction to tutorials
	Review of HTML forms and form validation using JavaScript. What is client-side scripting and server-side scripting? Introduction to JavaScript and its constructs
	Variables, constants, Conditional Statements, Assignment statements, loops
	Data types, Functions, Arrays, Random numbers, String methods
	Introduction to JQuery, animation, scaling, menus, Special effects.
	More JavaScript and JQuery in web pages, labs and in Class exercises contd. Quarter project is introduced.
2	Introduction to PHP, server side scripting language Download a server Handling form input with PHP. User authentication.
	Catch up with topics, projects, quizzes Students work in- class on projects
	<ul style="list-style-type: none"> • PHP Basic Constructs <ul style="list-style-type: none"> ○ Variables and datatypes ○ Expressions and operators ○ Conditional statements
	<ul style="list-style-type: none"> • PHP Basic Constructs contd. <ul style="list-style-type: none"> ○ Iteration statements ○ While loops, for loops ○ switch statements
3	<ul style="list-style-type: none"> • PHP Basic Constructs contd. <ul style="list-style-type: none"> ○ Functions ○ Arrays and Objects ○ PHP\$_GET ○ PHP\$_POST
	PHP cookies PHP sessions
	What's a database and what's an RDBMS? Introduction to SQL. Using My SQL. Relational Database concepts. Designing your web

database.
Primary keys in database tables. SQL statements: SELECT and INSERT. SQL statements: UPDATE and DELETE. Introduction to PHP My Admin. Creating a database in PHP MyAdmin. Accessing a database through PHP.
Inserting data into the Database. Retrieving data from the Database. Using sub queries. Updating, adding and deleting records.
Accessing MYSQL database from the web with PHP. Web data base architecture. Querying the database from the web. Putting new information in the database.

Note: ***Syllabus is subject to change at the instructor's discretion ***

TEXT BOOKS:

1. Jon Duckett "Beginning Web Programming" WROX.
2. Marty Hall and Larry Brown "Core Servlets and Java Server pages Vol. 1: Core Technologies", Pearson.

REFERENCE BOOKS:

1. DanWoods and Gautam Guliani, "Open Source for the Enterprise: Managing Risks, Reaping Rewards", O'Reilly, Shroff Publishers and Distributors, 2005.
2. Sebesta, "Programming world wide web" Pearson.
3. Dietel and Nieto, "Internet and World Wide Web - How to program", PHI/Pearson Education Asia.
4. Murach, "Murach's beginning JAVA JDK 5", SPD
5. Wang, "An Introduction to web Design and Programming", Thomson

COURSE OUTCOMES:

At the end of this course, the students will be able to

1. Describe the concepts of World Wide Web, and the requirements of effective web design.
2. Develop web pages using the HTML and CSS features with different layouts as per need of applications.
3. Use the JavaScript to develop the dynamic web pages.
4. Construct simple web pages in PHP and to represent data in XML format.
5. Use server side scripting with PHP to generate the web pages dynamically using the database connectivity.


PRINCIPAL
L.V.D. College, RAICHUR-03.


Head of the Department
M.A.Kareem



LAXMI VENKATESH DESAI COLLEGE, RAICHUR

WEB TECHNOLOGIES

Time Table with effect from 12/12/2022 Class Department Computer Science Section Room No.

Time → Days ↓	9:30	10:30	11:15	12:00	12:50	1:40	2:30	3:20	4:10
Mon						Web technology 6055c			
Tue						-do-			
Wed						-do-			
Thu						-do-			
Fri						-do-			
Sat						-do-			

Head of Department
Computer Science
V.D. College,
Raichur-574101

Name of the Staff : M. A. KAREEM, THIMAPPA

Principal

PRINCIPAL

V.D. College, RAICHUR-0

Roll No. 567 82
Admission No. 2345 67
Date of Birth 12/10/2002
Name of the Student N. K. R. S.
Caste SC

Roll No.	Admission No.	Date of Birth	Name of the Student	Caste	1	2	3	4	5	6	7	8	9	10	11
61752784			N. K. R. S.	SC	P	P	P	P	P	P	P	P	P	P	P
61453498			Chaitanya	SC	P	P	P	P	P	P	P	P	P	P	P
62668657			G. S. Sushama	SC	P	P	P	P	P	P	P	P	P	P	P
660			Sushantha R.	SC	P	P	P	P	P	P	P	P	P	P	P
665			Rathna	SC	P	P	P	P	P	P	P	P	P	P	P
669			Shiva Kumar	SC	P	P	P	P	P	P	P	P	P	P	P
719			Syeda Gowalya	SC	P	P	P	P	P	P	P	P	P	P	P
759			Ravana	SC	P	P	P	P	P	P	P	P	P	P	P
760			Vedha Lakshmi	SC	P	P	P	P	P	P	P	P	P	P	P
763			Ramkrishna	SC	P	P	P	P	P	P	P	P	P	P	P
785			Abhishek	SC	P	P	P	P	P	P	P	P	P	P	P
856			Kethanath. Harish	SC	P	P	P	P	P	P	P	P	P	P	P
858			Shubham Kalankar	SC	P	P	P	P	P	P	P	P	P	P	P
			Mogavani. Anil	SC	P	P	P	P	P	P	P	P	P	P	P
			Shobha Pragasari	SC	P	P	P	P	P	P	P	P	P	P	P
			Ayyappa	SC	P	P	P	P	P	P	P	P	P	P	P
			Durgappa	SC	P	P	P	P	P	P	P	P	P	P	P
			Hannamathappa	SC	P	P	P	P	P	P	P	P	P	P	P
			Amkar	SC	P	P	P	P	P	P	P	P	P	P	P
			Ajayan Begum	SC	P	P	P	P	P	P	P	P	P	P	P

Name of the School	Month of	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	No. of days present	Total No. of Attendance from the beginning of the Academic year	Date of original admission to the class / promotion	
	12	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	31			
	1	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	31		
	2	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	31		
	3	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	31		
	4	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	31		
	5	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	31		
	6	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	31		
	7	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	31		
	8	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	31		
	9	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	31		
	10	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	31		
	11	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	31		
	12	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	31		

1) Number at the beginning of the month
2) Admissions during the month
3) No. left during the month
4) Number at the end of the month
5) No. of School working days
6) Average number on the roll during the month
7) Average attendance during the month
8) Percentage of (6) and (7)
9) (5) (7) (8) (9) (10) (11) (12) (13) (14) (15) (16) (17) (18) (19) (20) (21) (22) (23) (24) (25) (26) (27) (28) (29) (30) (31)



Laxmi Venkatesh Desai College, Raichur

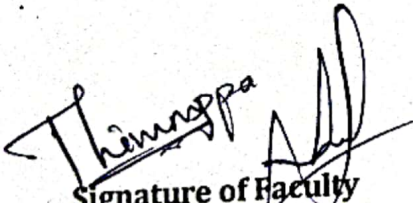
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Department of Computer Science


Report of Certificate course

Add-On course:	Web Technology
Duration:	3 Months Course
Started on:	12-12-2022
Completed on:	12-3-2023
Name of the faculty:	M.A Kareem and Thimmappa
Total No of students admitted	30
Total No of classes taken	90
Total No of students benefited	30

There were 30 students joined the course and attended all the classes. With this course, students learned to create more dynamic and interactive websites using JavaScript. Advanced HTML, CSS, and basic JavaScript enhance the client-side WebPages and students also learned to use these technologies for their specific purposes. Students began working with server-descripting and web applications development using PHP and My SQL. This made the students to create websites that store, access, and use data stored in the database tables and it allows them to perform simple SQL queries to produce the desired results.


Signature of Faculty


PRINCIPAL
L.V.D. College, RAICHUR-03

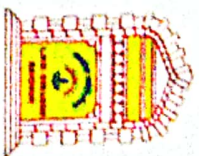

Signature of HOD
Computer Science
L. V. D. College,
RAICHUR-584 101



Taranath Shikshana Samsthe

LAXMI VENKATESH DESAI COLLEGE RAICHUR

(Re-Accredited by NAAC with 'B' Grade)



This is to Certify that Miss. / Mr. **Bhavana**

of **B. sc V Semester** has completed the Certificate Course in **WEB TECHNOLOGY**

Conducted by the Department of **Computer Science** from

12-12-2022 to **12-03-2023**

Head of the Department
Computer Science



Principal
L.V.D. College, RAICHUR-03