

To

The Principal,
Smt Radhabai Sarda Arts, Commerce &
Science College, Anjangaon Surji

Subject: Permission for conducting Add-on Course entitled "Web Development Skills" for the session 2023-2024

Hon'ble Sir,

With reference to the above subject, we kindly request you to grant us permission for conducting the said course in the department of Computer Science. The duration of the course will be 30 hours (2 hours X 15 working days). The syllabus of the course is enclosed herewith this letter for your kind consideration. The course will be helpful to our students would have capability to make own web site and host their own web site on internet. Also students would have enough knowledge about what are the technologies used in internet.

Date: 24/10/2023

Place: Anjangaon Surji


H O D
Computer Science
Smt.R.S.College,Anjangaon

Head, Department of Computer
sci.

Enclosures:

1. Syllabus of Add-on Course

Web Development Skills

Duration – 30 Hours

Outline of the Course:

Sr. No	Title of the Unit	Theory Hours	Practical Hours
1	Introduction to WWW	1	1
2	Introduction to HTML	2	2
3	Style Sheet	3	3
4	JavaScript with Advance	3	3
5	XML	2	2
6	PHP and MySQL	4	4

Total hours (Theory):15

Total hours (Lab):15

Total hours: 30

Job/Career/Learning Outcome:

After studying that subject students would have capability to make own web site and host their own web site on internet. Also students would have enough knowledge about what are the technologies used in internet.

Detailed Syllabus:

Sr. No	Topics	TheoryHours	Practical Hours
1	Introduction to WWW : Protocols and programs, secure connections, application and development tools, the web browser, What is server, choices, setting up UNIX and Linux web servers, Logging users, dynamic IP Web Design : Web site design principles, planning the site and navigation.	1	1
2	Introduction to HTML : The development process, Html tags and simple HTML forms, web site structure Introduction to XHTML : XML, Move to XHTML, Meta tags, Character entities, frames and frame sets, inside browser.	2	1
3	Style sheets : Need for CSS, introduction to CSS, basic syntax and structure, using CSS, background images, colors and properties, manipulating texts, using fonts, borders and boxes, margins, padding lists, positioning using CSS.	3	1

4	Javascript : Client side scripting, What is Javascript, How to develop Javascript, simple Javascript, variables, functions, conditions, loops and repetition.	1	1
5	Advance script , Javascript and objects, Javascript own objects, the DOM and web browser environments, forms and validations DHTML : Combining HTML, CSS and Javascript, events and buttons, controlling your browser.	2	2
6	XML : Introduction to XML, uses of XML, simple XML, XML key components, DTD and Schemas, Well formed, using XML with application.XML, XSL and XSLT. Introduction to XSL, XML transformed simple example.	2	4
7	PHP : Starting to script on server side, Arrays, function and forms, advance PHP. Databases : Basic command with PHP examples, Connection to server, creating database, selecting a database, listing database, listing table names creating a table, inserting data, altering tables, queries, deleting database, deleting data and tables.	4	5
Total – 30 Hours		15	15

Reference Books:

- Steven Holzner, "HTML Black Book", Dremtech press.
- Web Technologies, Black Book, Dreamtech Press
- Web Applications : Concepts and Real World Design, Knuckles, Wiley- India
- Internet and World Wide Web How to program, P.J. Deitel & H.M. Deitel Pearson.

Practical List:

Sr. No	Name of Experiment
1	Design web pages for your college containing a description of the courses, departments, faculties, library etc, use href, list tags.
2	Create your class timetable using table tag.
3	Create user Student feedback form (use textbox, text area , checkbox, radio button, select box etc.)
4	Create a web page using frame. Divide the page into two parts with Navigation links on left hand side of page (width=20%) and content page on right hand side of page (width = 80%). On clicking the navigation Links corresponding content must be shown on the right hand side.
5	Write html code to develop a webpage having two frames that divide the webpage into two equal rows and then divide the row into equal columns fill each frame with a different background color.
6	Create your resume using HTML tags also experiment with colors, text , link , size and also other tags you studied.
Practical Set -2 CSS	
7	Design a web page of your home town with an attractive background color, text color, an Image, font etc. (use internal CSS).
8	Use Inline CSS to format your resume that you created.
9	Use External CSS to format your class timetable as you created.
10	Use External, Internal, and Inline CSS to format college web page that you created.
Practical Set -3 JavaScript	
11	Develop a JavaScript to display today's date.
12	Develop simple calculator for addition, subtraction, multiplication and division operation using JavaScript
13	Create HTML Page with JavaScript which takes Integer number as input and tells whether the number is ODD or EVEN.
14	Create HTML Page that contains form with fields Name, Email, Mobile No , Gender , Favorite Color and a button now write a JavaScript code to combine and display the information in textbox when the button is clicked.
15	Implement Validation in above Feedback Form.
16	Use regular expression for validation in Feedback Form.
17	Using ajax retrieve data from a TXT file and display it.
Practical Set -4 XML	
18	Create XML file to store student information like Enrollment Number, Name , Mobile Number , Email Id.
19	Create DTD for above XML File.
20	Create XML Schema for above (Practical No. 18)
21	Create XSL file to convert above (refer Practical No. 17) XML file into XHTML file.

Practical Set -5 PHP	
22	Write a php program to display today's date in dd-mm-yyyy format.
23	Write a php program to check if number is prime or not.
24	Write a php program to print first 10 Fibonacci Numbers.
25	Create HTML page that contain textbox, submit / reset button. Write php program to display this information and also store into text file.
26	Write a php script to read data from txt file and display it in html table (the file contains info in format Name: Password: Email)
27	Write a PHP Script for login authentication. Design an html form which takes username and password from user and validate against stored username and password in file.
28	Write PHP Script for storing and retrieving user information from MySQL table. • Design A HTML page which takes Name, Address, Email and Mobile No. From user (register.php) • Store this data in Mysql database / text file. • Next page display all user in html table using PHP (display.php)
29	Write a PHP script for user authentication using PHP-MYSQL. Use session for storing username.
30	Using ajax fetch information from a database with AJAX.
Practical Set -6 Website (Optional)	
Students have to create a whole Website which contains above topics in Website.	


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 Smt.R.S.College, Anjangaon

Shri Sarda Education Society's
Smt. Radhabai Sarda Arts, Commerce and Science College
Anjangaon Surji
Department of Computer Science

NOTICE

Date: 25 October 2023

All the students of BSc-I, II, III are hereby informed that the Department of Computer science is going to start an *Add-on Course of Web Development Skills* from 06th November to 25th November 2023. Students, who are interested to participate in the said course, can confirm their admission on or before 04 November 2023.


H O D
Computer Science
Smt.L.R.S.College,Anjangaon

Head of Department


PRINCIPAL
Smt. Radhabai Sarda Arts,
Commerce & Science College
Anjangaon Surji

Principal

Smt Radhabai Sarda Arts, Commerce and Science College Anjagaon Surji

Department Of Computer Science

Add-on Course

Web Development Skills

TIME TABLE (2023-24)

SN	DATE	TIME	TOPIC
1	06 Nov 2023	10 AM to 11:30 AM	Inauguration
2	07-08 Nov 2023	09 AM to 11 AM	Chapter I
3	09-11 Nov 2023	09 AM to 11 AM	Chapter II
4	13-15 Nov 2023	09 AM to 11 AM	Chapter III
5	16-18 Nov 2023	09 AM to 11 AM	Chapter IV
6	20-22 Nov 2023	09 AM to 11 AM	Chapter V
7	23-25 Nov 2023	09 AM to 11 AM	Chapter VI
8	27 Nov 2023	09 AM to 11 AM	Examination


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Anjangaon Surji

Shri. Sarda Education Society's
Smt Radhabai Sarda Arts, Commerce & Science College, Anjangaon Surji
Department Of Computer Science

Session: 2023-24

List of Enrolled students for Add-on Course "Web Development Skills"

Sr.No.	NAME OF THE STUDENT	CLASS	MOBILE
1	Nakul Divakar Tayde	BSc-I	9284102784
2	Shital Rajendra Bhawe	BSc-I	9156441413
3	Vedika Namdev Yeul	BSc-I	7517406330
4	Chanchal Jivan Dhule	BSc-I	9860036054
5	Maleeha Naisha Azhar Aqueel Mohd	BSc-I	7038413452
6	Sakshi Santosh Bhongade	BSc-I	9322369652
7	Gayatri Rajesh Yewale	BSc-I	8767612479
8	Rushikesh Rajesh Kalmegh	BSc-I	
9	Unnati Dinesh Ruchake	BSc-I	8459456934
10	Tanaya Satish Kharad	BSc-I	7498359248
11	Prerna Anil Makode	BSc-I	8010486747
12	Divyani Dinesh Dhurve	BSc-I	9527372449
13	Sanika Ajabrao Ghule	BSc-I	9307477513
14	Aditya Suresh Bundile	BSc-I	9992277593
15	Mahi Santosh Dhokane	BSc-I	9322167933
16	Akanksha Narandra Bhonde	BSc-I	8263029451
17	Sakshi Naresh Rekhate	BSc-I	7020124902
18	Shrutika Rajendara Gurav	BSc-I	8010128291
19	Switi Radheshyam Shinde	BSc-I	9881470772
20	Anisha Shrikrushna Kalpande	BSc-I	8237992597
21	Ruchika Sanjaysingh Khojare	BSc-I	7757907301
22	Atharva Nitinrao Mankar	BSc-I	7972243056
23	Gauri Satish Kadu	BSc-I	9699765161

24	Rutuja Raosaheb Pakhan	BSc-I	8975740659
25	Divya Rambhau Gujar	BSc-I	9373542133
26	Dev Manoj Ghadekar	BSc-I	9975309114
27	Darshana Sharadrao Rajas	BSc-I	
28	Komal Prashant Potdukhe	BSc-I	7666293739
29	Aditya Kailas Wankhade	BSc-I	9370616200
30	Tanvi Ganesh Gorde	BSc-I	9325037436
31	Aarti Subhash Sagane	BSc-I	8805342002
32	Shravani Vinod Kadu	BSc-I	
33	Om Rajendra Pimpalkar	BSc-I	8605060396
34	Jeevan Vijayrao Yeole	BSc-I	7517898649
35	Kuldip Ravindra Reche	BSc-I	7218478488
36	Krutika Arunrao Arbad	BSc-I	8767636767
37	Sahil Bhashkar Shingnapure	BSc-I	7385596538
38	Sohan Vilas Bawanthade	BSc-I	
39	Shantanu Sunilrao Patukale	BSc-I	9322942791
40	Maitreyee Sanjay Chaudhari	BSc-I	7410102980


Head of the Department
HOD
Computer Science
Smt. R.S. College, Anjangaon


Principal
Smt. Radhabai Sarda College
of Arts, Commerce & Science
Anjangaon Surji

Shri Sarda Education Society's
Smt Radhabai Sarda Arts, Commerce & Science College, Anjangaon Surji
Department of Computer Science
Add-on Course on Web Development Skills
(Academic Session: 23-24)

Date:

Max Marks: 50

Time: 2:00 Hrs.

Q.1 Fill in the blanks.

05M

- i. TCP stands for -----.
- ii. IP stands for -----.
- iii. HTML stands for -----.
- iv. The DNS for commercial businesses is -----.
- v. XML stands for -----.

Q.2 Multiple Choice Questions.

05M

- i. What is the correct HTML for adding a background color?
 - a) <body color="yellow">
 - b) <body bgcolor="yellow">
 - c) <background>yellow</background>
 - d) <body background="yellow">
- ii. How do you put a message in the browser's status bar?
 - a) window.status("put your message here")
 - b) window.status = "put your message here"
 - c) statusbar = "put your message here" Define polyculture.
- iii. What is the correct syntax for referring to an external script called "xxx.js"?
 - a) <script type="text/javascript" href="xxx.js">
 - b) <script type="text/javascript" src="xxx.js">
 - c) <script type="text/javascript" name="xxx.js">
- iv. All variables in PHP start with which symbol?
 - a) \$
 - b) !
 - c) & Define spawning.
- v. A PHP _____ variable is used to store the information about, or change settings for a user session.
 - a) session
 - b) \$SERVER
 - c) SessionName

Q. 3 Answer any Four questions.

All questions carry equal (10) marks.

1. Explain any three attributes of Table Tag in HTML. Write code to display following table

India			
New Zealand	USA		France
	Switzerland	Italy	Singapore
Russia	Myanmar	South Korea	

2. Define CSS. Enlist and explain methods of using CSS in web page.

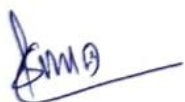
Write HTML snippet with CSS to

- Change background colour of webpage
 - Set an image as a background
 - Manipulate a background image so it can be repeated over an area.
3. Write an HTML snippet with CSS for following effects
- link: after visited red colour and before visited blue colour
 - table with odd rows pink and even rows blue colour.
 - Text colour-green, Text-indentation-2cm, Text case-uppercase Write the advantages of using MS-Word.
4. Write a JavaScript that handles following events.
- Gives the key code for the key pressed.
 - The script should give message that "vowel is pressed" if vowel keys are pressed.
 - Background colour should change to red after releasing the pressed key.
5. Write a PHP script to validate email address using Regular Expression when user click on SUBMIT button.
6. Explain database connectivity in PHP with example.
7. Write a PHP program to find whether entered year is leap year or not.
8. Compare and contrast between HTML and XML. And Write XML file to store personal information of student.

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Department of Computer Science
Result of Add-on Course (2023-24)
Web Development Skills

SN	NAME OF STUDENT	OUT OF 50	MARKS OBTAINED
1	Nakul Divakar Tayde	50	40
2	Shital Rajendra Bhawe	50	42
3	Vedika Namdev Yeul	50	45
4	Chanchal Jivan Dhule	50	48
5	Maleeha Naisha Azhar Aqueel Mohd	50	48
6	Sakshi Santosh Bhongade	50	40
7	Gayatri Rajesh Yewale	50	40
8	Rushikesh Rajesh Kalmegh	50	35
9	Unnati Dinesh Ruchake	50	45
10	Tanaya Satish Kharad	50	40
11	Prerna Anil Makode	50	40
12	Divyani Dinesh Dhurve	50	41
13	Sanika Ajabrao Ghule	50	43
14	Aditya Suresh Bundile	50	39
15	Mahi Santosh Dhokane	50	44
16	Akanksha Narandra Bhonde	50	45
17	Sakshi Naresh Rekhate	50	48
18	Shrutika Rajendara Gurav	50	47
19	Switi Radheshyam Shinde	50	42
20	Anisha Shrikrushna Kalpande	50	40
21	Ruchika Sanjaysingh Khojare	50	43
22	Atharva Nitinrao Mankar	50	40

23	Gauri Satish Kadu	50	41
24	Rutuja Raosaheb Pakhan	50	43
25	Divya Rambhau Gujar	50	45
26	Dev Manoj Ghadekar	50	39
27	Darshana Sharadrao Rajas	50	40
28	Komal Prashant Potdukhe	50	40
29	Aditya Kailas Wankhade	50	40
30	Tanvi Ganesh Gorde	50	43
31	Aarti Subhash Sagane	50	42
32	Shravani Vinod Kadu	50	41
33	Om Rajendra Pimpalkar	50	41
34	Jeevan Vijayrao Yeole	50	40
35	Kuldip Ravindra Reche	50	40
36	Krutika Arunrao Arbad	50	42
37	Sahil Bhashkar Shingnapure	50	43
38	Sohan Vilas Bawanthade	50	40
39	Shantanu Sunilrao Patukale	50	45
40	Maitreyee Sanjay Chaudhari	50	40



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Principal
Principal
Smt. Radhabai Sarda College
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Anjangaon Surji



Smt Radhabai Sarda Arts, Commerce And Science College

Anjangaon Surji, Dist- Amravati (MS)

(Affiliated to Sant Gadge Baba Amravati University, Amravati)

NAAC Accredited 'A' with CGPA 3.21

Certificate

This is to certify that Ku. Chanchal Jivan Dhule of BSc-I year has successfully completed Add-on Course entitled “**Web Development Skill**” conducted by the **Department of Computer Science** from 06/11/2023 to 25/11/2023 at Smt. Radha bai Sarda Arts, Commerce & Science College, Anjangaon Surji, Dist. Amravati.

Shri S B Belsare
HOD (Computer Science)



Dr Bashisth Choubey
Principal

Shri. Sarda Education Society's

Smt. Radhabai Sarda Arts, Commerce & Science College, Anjangaon Surji

Department Of Computer Science

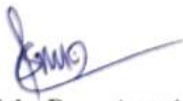
Session: 2023-24

Summary Report & Course Outcome

The department of Computer science had undertaken the Add-on course "**Web Development Skills**" during the session 2023-2024. The course was of 30 hours duration in which 40 students had taken admission. All these students have completed the course successfully.

The outcome of this course is as follows:-

- ♦ Students will be able to implement interactive web page(s) using HTML, CSS and JavaScript.
- ♦ Design a responsive web site using HTML5 and CSS3.
- ♦ Demonstrate Rich Internet Application.
- ♦ Build Dynamic web site using server side PHP Programming and Database connectivity.
- ♦ Implement dynamic web pages with validation using JavaScript objects by applying different event handling mechanism.
- ♦ Explain Search Engine Optimization Techniques and Develop Keyword Generation.
- ♦ Build well-formed XML Document and implement Web Service using Java.


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Shri. Sarda Education Society's
Smt. Radhabai Sarda Arts, Commerce & Science College, Anjangaon Surji

Department of Computer science

Add-on Course

(Academic Session: 2023-24)

Attendance Sheet

Name of the Course: Web Development Skills

Sr. No.	Name of participants	Class	Signature/Attendance																								
			2023																								
			07/11	08/11	09/11	10/11	11/11	12/11	13/11	14/11	15/11	16/11	17/11	18/11	20/11	21/11	22/11	23/11	24/11	25/11	27/11	Exam					
1	Nakul Divakar Tayde	BSc I	P	A	P	P	P	P	P	P	P	A	P	P	P	P	P	A	A	P	P						
2	Shital Rajendra Bhawe	BSc I	P	P	P	A	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P						
3	Vedika Namdev Yeul	BSc I	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	A	P	A	A	P					
4	Chanchal Jivan Dhule	BSc I	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P						
5	Maleeha Naisha Azhar Aqueel Mohd	BSc I	P	P	P	A	P	P	P	A	P	P	P	P	P	P	P	P	P	A	P						
6	Sakshi Santosh Bhongade	BSc I	P	P	P	P	A	P	P	P	P	P	A	P	P	P	P	P	P	A	P						
7	Gayatri Rajesh Yewale	BSc I	P	P	P	P	P	A	A	P	P	P	P	P	P	P	A	P	P	P	P						
8	Rushikesh Rajesh Kalmegh	BSc I	P	P	P	P	P	A	P	P	P	P	A	P	P	P	P	P	P	A	P						
9	Unnati Dinesh Ruchake	BSc I	P	P	P	P	P	P	P	A	P	P	P	P	P	P	A	P	P	P	P						
10	Tanaya Satish Kharad	BSc I	P	P	P	P	P	P	P	P	P	P	P	A	A	A	P	A	P	P							
11	Prerna Anil Makode	BSc I	P	P	P	A	P	P	P	P	A	P	A	P	P	P	P	P	P	P	P						
12	Divyani Dinesh Dhurve	BSc I	P	A	P	P	P	A	P	A	P	P	P	P	P	P	P	P	P	P	P						
13	Sanika Ajabrao Ghule	BSc I	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P						
14	Aditya Suresh Bundile	BSc I	P	P	P	A	P	A	P	A	P	A	P	P	P	P	A	P	P	P	P						
15	Mahi Santosh Dhokane	BSc I	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P						
16	Akanksha Narandra Bhonde	BSc I	P	P	P	P	P	P	P	P	P	P	P	P	P	A	A	P	P	P	P						
17	Sakshi Naresh Rekhate	BSc I	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P						
18	Shrutika Rajendara Gurav	BSc I	P	A	P	P	P	A	P	A	P	P	P	P	P	P	A	P	P	P	P						

