SREE NARAYANA GURU COLLEGE OF ENGINEERING & TECHNOLOGY

Korom, Chalakkode P.O., Payyanur, Kannur – 670307
Managed by Sree Bhakthi Samvardhini Yogam, Talap, Kannur
Affiliated to APJ Abdul Kalam Technological University and Approved by AICTE

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

WEB DEVELOPMENT TECHNOLOGIES

RESOURCE PERSON
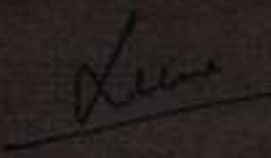
Ms.SREESHA GOVIND

Assistant Professor SNGCET

VENUE
MEETING HALL

18/02/2019- 22/02/2019
9.00 AM - 4.00 PM

EVENT COORDINATOR

Ms. SREERAJI NARAYANAN

Assistant Professor SNGCET

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SREE NARAYANA GURU COLLEGE OF ENGINEERING & TECHNOLOGY

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

FIVE DAY WORKSHOP ON WEB DEVELOPMENT TECHNOLOGIES

SCHEDULE

SI.No	DATE & TIME	TOPIC
1	18/02/2019 9.00 AM – 4.00 PM	Introduction to web technologies
2	19/02/2019 9.00 AM – 4.00 PM	Markup Language-HTML
3	20/02/2019 9.00 AM – 4.00 PM	CSS- Cascading Style Sheet
4	21/02/2019 9.00 AM – 4.00 PM	JavaScript
5	22/02/2019 9.00 AM – 4.00 PM	Frameworks

Dr. LEENA A. V.
PRINCIPAL
SREE NARAYANA GURU COLLEGE OF
ENGINEERING & TECHNOLOGY, PAYYANUR
KANNUR

A WORKSHOP ON WEB DEVELOPMENT TECHNOLOGIES

SYLLUBUS

SI.No	TOPIC
1	**Introduction to web technologies** • HTML (Hypertext Markup Language) • CSS (Cascading Style Sheets) • JavaScript • Web Browsers • Web Servers
2	**Markup Language-HTML** • HTML-Basic rules • Syntax • DOM Structure • Tags and Meta Tags • Forms and Input Elements • Multimedia Integration (e.g., images, videos, audio) • Tables • Lists (Ordered and Unordered) • Hyperlinks and Anchors • Comments in HTML
3	**CSS- Cascading Style Sheets** • Selectors • CSS Box Model • Typography • Colors and Backgrounds • Layouts (e.g., Flexbox, Grid) • Responsive Design • CSS Transitions and Animations • CSS Frameworks (e.g., Bootstrap) • Media Queries • CSS Variables (Custom Properties) • Browser Compatibility
4	**JavaScript** • Variables and Data Types • Functions and Control Flow • Arrays and Objects • DOM Manipulation and Events • Asynchronous JavaScript and Promises
5	**Frameworks** • Types of Frameworks (e.g., front-end, back-end, full-stack) • Popular Front-End Frameworks (e.g., React, Angular) • Popular Back-End Frameworks (e.g., Laravel, Django) • Full-Stack Frameworks • Pros and Cons of Using Frameworks • MVC (Model-View-Controller) Architecture in Frameworks

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SREE NARAYANA GURU COLLEGE OF ENGINEERING & TECHNOLOGY

DEPARTMENT OF COMPUTER SCIENCE AND ENGINNERING

Summary Report of the Workshop on Web Development Technologies

Date: 18th February 2019 to 22th February 2019
Venue: Meeting Hall, Department of Computer Science and Engineering (CSE), Sree Narayana Guru College of Engineering and Technology (SNGCET)

The Department of Computer Science and Engineering (CSE) at Sree Narayana Guru College of Engineering and Technology (SNGCET) organized a workshop on "Web Development Technologies" from February 18th to February 22nd, 2019. The objective of this workshop was to provide students with valuable insights into various web development technologies.

The event was inaugurated by Dr. Janardhanan P V, the Principal of SNGCET, and Ms. Amitha I C, the Head of Department (HoD) of SNGCET. Ms. Shreesha Govind, Assistant Professor at SNGCET, served as the resource person for the workshop.

During the workshop, participants were introduced to fundamental concepts of web development, including HTML, CSS, JavaScript, and various frameworks and libraries. Hands-on sessions were conducted to provide practical experience in building web applications and websites.

Overall, the workshop was well-received by students, who expressed appreciation for the comprehensive coverage of topics and the opportunity to learn from experienced team members. The event concluded successfully, with students gaining valuable knowledge and skills in web development technologies.

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SREE NARAYANA GURU COLLEGE OF ENGINEERING & TECHNOLOGY

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

WEB DEVELOPMENT TECHNOLOGIES

A WORKSHOP ON WEB DEVELOPMENT TECHNOLOGIES

ATTENDANCE SHEET

VENUE: MEETING HALL

SL NO.	REG NO.	NAME
1	SNC16CS001	ABHIJITH K
2	SNC16CS002	ABHINAV DIVAKARAN
3	SNC16CS004	ADARSH KUMAR O V
4	SNC16CS005	AISWARYA AV
5	SNC16CS007	AKSHAY T
6	SNC16CS012	ASHNA RAGESH
7	SNC16CS013	ASWIN SADANAND
8	SNC16CS014	ATHULYA K P
9	SNC16CS017	EBRAHIM SAINUDHEEN
10	SNC16CS020	GOPIKA SURESHBABU P
11	SNC16CS023	JAISHNA JAYASENAN
12	SNC16CS025	MOHAMED SHUJAATH SHAFEER VT
13	SNC16CS026	MOHAMMED ANFAZ
14	SNC16CS032	P ABHIJITH MOHANAN
15	SNC16CS033	PATHMASANA K P
16	SNC16CS037	SANJANA P
17	SNC16CS042	SREELAKSHMI PV
18	SNC16CS043	VAISHAK A P
19	SNC16CS044	VARUN V
20	LSNC16CS046	VIPEESH T

Event Co-ordinator

HoD

Dr. LEENA A. V.
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KANNUR

SREE NARAYANA GURU COLLEGE OF ENGINEERING & TECHNOLOGY

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

WEB DEVELOPMENT TECHNOLOGIES

A WORKSHOP ON WEB DEVELOPMENT TECHNOLOGIES

ATTENDANCE SHEET

VENUE: MEETING HALL

SL NO.	REG NO.	NAME	18-02-2019	19-02-2019	20-02-2019	21-02-2019	22-02-2019
1	SNC16CS001	ABHIJITH K					
2	SNC16CS002	ABHINAV DIVAKARAN					
3	SNC16CS004	AIDARSH KUMAR O.V					
4	SNC16CS005	AISWARYA AV					
5	SNC16CS007	AKSHAY T					
6	SNC16CS012	ASHNA RAGESH					
7	SNC16CS013	ASWIN SADANAND					
8	SNC16CS014	ATHULYA K P					
9	SNC16CS017	EBRAHIM SAINUDHEEN					
10	SNC16CS020	GOPIKA SURESHBABU P					
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Event Co-ordinator

Dr. LEENA A. V.
PRINCIPAL
SREE NARAYANA GURU COLLEGE OF
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KANNUR

HoD

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SREE NARAYANA GURU COLLEGE OF ENGINEERING & TECHNOLOGY

PAYYANNUR

EVENT PROPOSAL FORM

Submitted by the department of Computer Science and Engineering

TO BE FILLED BY THE EVENT COORDINATOR(S)

1	Event type	WORKSHOP
2	Event name	WEB DEVELOPMENT TECHNOLOGIES
3	Whether the event is inter departmental? If yes, mention the other department(s) associated with	NO
4	Mode of conduct [online / offline]	Offline
5	Date and time	18/02/2019, 9:00 AM -4:00 PM 21/02/2019
6	Venue	Meeting hall
7	Whether any professional body is associated with the event? If yes, name the body	NO
8	Participants / Target Audience	S6 CSE STUDENTS
9	Whether the event is conducted for bridging the gap in syllabus? If Yes, name the course with code and the semester and year it the subject is handled	No
10	Objectives of the event	• Upon completion of the workshop, students will gain proficiency in fundamental web development languages such as HTML5, CSS3, and JavaScript, aligned with industry standards. By the end of the workshop, attendees will be able to create basic web pages and style them using modern CSS techniques. • By the end of the workshop, students will be introduced to popular front-end frameworks like Bootstrap or Foundation, commonly used for rapid prototyping and responsive web design.

11	**Expected Outcomes**	Students will gain proficiency in foundational web development skills including HTML, CSS, JavaScript backend development, enabling them to create responsive and interactive web applications .
12	**Connected PO / PSO**	PO1-ENGINEERING KNOWLEDGE PO-6-ENGINEER AND SOCITY P12-LIFELONG LEARNING
13	**Justification for PO / PSO [may use separate sheet if necessary]**	**PO1 - Engineering Knowledge:** • Justification: The workshop immerses participants in hands-on exercises centred around essential web development technologies such as HTML, CSS, and JavaScript, which form the backbone of modern web applications. This practical experience is paramount as it equips participants with the foundational skills necessary to create visually appealing and interactive web interfaces. By gaining proficiency in these core technologies, participants can effectively translate design concepts into functional web pages, laying a solid groundwork for their journey into web development. **PO6 - Engineer and Society:** • In today's digital age, proficiency in web development technologies is essential. This workshop empowers participants with skills in HTML, CSS, JavaScript, and related tools to design and maintain modern web applications. It fosters responsible technology usage and promotes inclusivity. Participants gain invaluable troubleshooting and upgrading skills. The workshop underscores responsible decision-making in engineering and encourages environmental consciousness. Overall, it equips individuals with vital skills and fosters a holistic understanding of web development's societal impact **P12 - Lifelong Learning:** • The workshop on web development technologies cultivates lifelong learning by fostering a curiosity-driven approach to technology. Through interactive exercises and problem-solving tasks, participants develop a mindset of continuous growth and exploration. Furthermore, the workshop motivates participants to pursue additional knowledge and skills autonomously, be it through further experimentation with web technologies or through ongoing professional development in the realm of engineering.
14	**Name of the resource person(s)**	Mrs.Sreesha Govind
15	**Designation of the resource person (may attach separate sheet to indicate**	Technical lab staff

17	Whether feedback forms from audience and resource person is collected?	Yes
18	Whether analysis of feedback is done? Use separate sheet to indicate the same	Yes
19	Attainment level of outcomes	NA
20	Name of the resource person	Mrs.Sreesha Govind
21	Designation of the resource person(s)	Technical lab staff
22	Any other relevant information	-
23	Name of the event coordinator(s)	Mrs.Sreeraji Narayanan
24	Dated signature of the coordinator(s)	

II. TO BE FILLED BY THE DEPARTMENT HOD (any one of the HoD, in case if the event is jointly conducted by various department(s))

List of enclosures – To be maintained in the file

Sl No:	ITEM	AVAILABILITY [YES / NO]
1	Posters	Yes
2	Schedule of the event	NA
3	Registration form sample copy	NA
4	All registration forms duly filled and signed	NA
5	Profile of the resource person(s)	NA
6	Feedback forms filled by participants and resource person	Yes
7	Feedback analysis sheet	Yes
8	CO attainment calculation sheet	—
9	Study Materials (if any)	Yes
10	Letters or printouts of e-mail communication relevant to the event	—
11	Documents related to professional body associated with the event	—

12	Photographs of the event	—

1	Comments about the conduct of the event	Good
2	Comments about the resource person and impact of the event	
3	Name	Amitha IC
4	Dated Signature	

COMMENTS FROM PRINCIPAL

DATED SIGNATURE OF THE PRINCIPAL:

Dr. LEENA A. V.
PRINCIPAL
SREE NARAYANA GURU COLLEGE OF
ENGINEERING & TECHNOLOGY, PAYYANUR
KANNUR

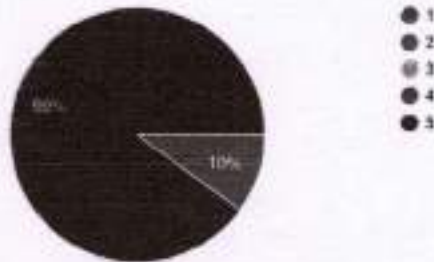# Feedback Form for Wotkshop on Web Development Technologies (1: Low 5: High)

20 responses

Publish analytics

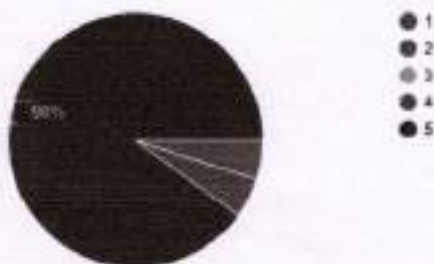### 1. On a scale of 1 to 5, how would you rate the overall quality of the workshop?

20 responses

- 1
- 2
- 3
- 4
- 5

2. How would you rate the clarity of the workshop content on a scale of 1 to 5, with 5 being very clear and 1 being not clear at all?

20 responses

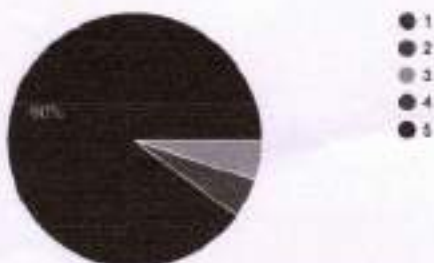

- 1
- 2
- 3
- 4
- 5

3. Please rate the relevance of the workshop content to your interests or professional needs on a scale of 1 to 5.

20 responses

- 1
- 2
- 3
- 4
- 5

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4. How would you rate the engagement level of the workshop presentation on a scale of 1 to 5?

20 responses

- 1
- 2
- 3
- 4
- 5

90%

15%

5. On a scale of 1 to 5, how informative did you find the workshop content?

20 responses

- 1
- 2
- 3
- 4
- 5

90%

10%

6. How would you rate the organization and structure of the workshop on a scale of 1 to 5?

20 responses

- 1
- 2
- 3
- 4
- 5

80%

7. Please rate the effectiveness of the speakers' delivery and communication skills on a scale of 1 to 5.

20 responses

- 1
- 2
- 3
- 4
- 5

80%

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8. How likely are you to recommend this workshop to others on a scale of 1 to 5?

20 responses

- 1
- 2
- 3
- 4
- 5

9. On a scale of 1 to 5, how well did the workshop meet your expectations?

20 responses

- 1
- 2
- 3
- 4
- 5

10. Overall, how satisfied are you with the workshop experience on a scale of 1 to 5?

20 responses

- 1
- 2
- 3
- 4
- 5

Google Forms

Dr. LEENA A. V.
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CERTIFICATE
of participation

Presented to ....**ASWIN SADANAND , S6 CSE**....... for attending five days Work shop on **WEB DEVELOPMENT TECHNOLOGIES** conducted by Department of Computer Science and Engineering from 18/02/2019 to 22/02/2019.

Sreeraji Narayanan
COORDINATOR

Dr. LEENA A. V.
PRINCIPAL
SREE NARAYANA GURU COLLEGE OF
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KANNUR

Amitha I C
HOD CSE

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CERTIFICATE
of participation

Presented to .... **AISWARYA AV , S6 CSE** .... for attending five days Work shop on **WEB DEVELOPMENT TECHNOLOGIES** conducted by Department of Computer Science and Engineering from 18/02/2019 to 22/02/2019.

Sreeraji Narayanan
COORDINATOR

Dr. LEENA A. V.
PRINCIPAL
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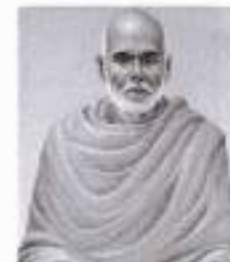KANNUR

Amitha I C
HOD CSE

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CERTIFICATE
of participation

Presented to ...**ADARSH KUMAR O.V , S6 CSE**... for attending five days Work shop on **WEB DEVELOPMENT TECHNOLOGIES** conducted by Department of Computer Science and Engineering from 18/02/2019 to 22/02/2019.

Sreeraji Narayanan
COORDINATOR

Dr. LEENA A. V.
PRINCIPAL
SREE NARAYANA GURU COLLEGE OF
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KANNUR

Amitha I C
HOD CSE

POST EVENT ANALYSIS FORM

Submitted by the department of Computer Science and Engineering

I. TO BE FILLED BY THE EVENT COORDINATOR(S)

| 1	Event type conducted	WORKSHOP
2	Event name	WEB DEVELOPMENT TECHNOLOGIES
3	Date and time of the event conducted	18/02/2019, 9:00 AM –4:00 PM TO 22/02/2019
4	Venue	Meeting hall
5	Whether the event was interdepartmental? If yes, mention the department(s) associated with	NO
6	Mode of conduct [online \ offline]	Offline
7	Is there any deviation from the proposal in the date, time and venue of the event? If yes, mention the reason for change	No
8	Whether any professional body was associated with the event? If yes, name the body	No
9	Any funds received from the professional body? Indicate the amount	No
10	Participants / Target Audience	S6 CSE STUDENTS
11	Whether the event is conducted for bridging the gap in syllabus? If Yes, name the course with code and the semester and year it the subject is handled	No

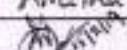PAGE 1 OF 2

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16	Justification for PO / PSO [may use separate sheet if necessary]	**PO1 - Engineering Knowledge:** • Justification: The workshop immerses participants in hands-on exercises centred around essential web development technologies such as HTML, CSS, and JavaScript, which form the backbone of modern web applications. This practical experience is paramount as it equips participants with the foundational skills necessary to create visually appealing and interactive web interfaces. By gaining proficiency in these core technologies, participants can effectively translate design concepts into functional web pages, laying a solid groundwork for their journey into web development. **PO6 - Engineer and Society:** • In today's digital age, proficiency in web development technologies is essential. This workshop empowers participants with skills in HTML, CSS, JavaScript, and related tools to design and maintain modern web applications. It fosters responsible technology usage and promotes inclusivity. Participants gain invaluable troubleshooting and upgrading skills. The workshop underscores responsible decision-making in engineering and encourages environmental consciousness. Overall, it equips individuals with vital skills and fosters a holistic understanding of web development's societal impact **P12 - Lifelong Learning:** • The workshop on web development technologies cultivates lifelong learning by fostering a curiosity-driven approach to technology. Through interactive exercises and problem-solving tasks, participants develop a mindset of continuous growth and exploration. Furthermore, the workshop motivates participants to pursue additional knowledge and skills autonomously, be it through further experimentation with web technologies or through ongoing professional development in the realm of engineering

	the profile)	
16	Resource requirements	System, Projector, Mike, Hardware components
17	Any fund from external source will be received? If yes, mention it.	No
18	Whether budget for the event is attached? (use separate sheet to indicate the estimated budget)	No
19	Any other relevant information	No
20	Name of the event coordinator(s)	Mrs.Sreeraji Narayan
21	Dated signature of the coordinator(s)	

I. TO BE FILLED BY THE DEPARTMENT HOD (any one of the HoD, in case if the event is jointly conducted by various department(s))

1	Comments on the relevance of the event	
2	Recommendation [Put a tick √ on whichever is applicable]	Recommended Not Recommended
3	Name	Amitha IC
4	Dated Signature	

COMMENTS FROM PRINCIPAL

APPROVED / NOT APPROVED

DATED SIGNATURE OF THE PRINCIPAL:

Dr. LEENA A. V.
PRINCIPAL
SREE NARAYANA GURU COLLEGE OF
ENGINEERING & TECHNOLOGY, PAYYANUR
KANNUR