

Activities of TinkerHub Club, NSS College of Engineering, Palakkad (2024-2025)

TinkerHub NSSCE is dedicated to fostering a thriving maker culture, empowering young innovators with the skills and resources needed to shape the future. Our goal is to equip young makers with knowledge and hands-on learning experiences through a community-based model. Utilizing peer-driven learning stations and mentor guided projects, TinkerHub ensures that knowledge is accessible to everyone. Through coding and technology, students are encouraged to take leadership roles, develop innovative solutions, and contribute to a better future.

Since its inception, TinkerHub has orchestrated a multitude of events, drawing substantial participation from both our student body and peers from other educational institutions. The club has played a pivotal role in cultivating an environment conducive to maker's thought and action through a diverse array of programs.

A significant milestone for our institution was attained this year when two of the teams participated in Useless Projects Make-a-thon and one team participated in Tink-her-hack were recognized with having some of the best projects in state level.

1. TechHub Session: CodeSprint: Jumpstart Your Code

CodeSprint was an engaging and interactive session designed to introduce participants to the world of programming. The event provided a structured learning environment where aspiring coders explored the fundamentals of programming languages, problem-solving techniques, and essential coding practices. Through hands-on exercises and real-world applications, attendees gained valuable insights into the foundations of software development.

Date: September 3, 2024

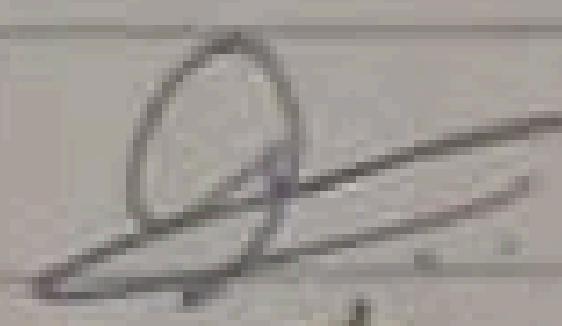
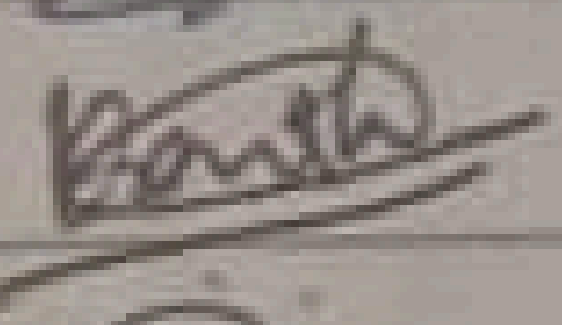
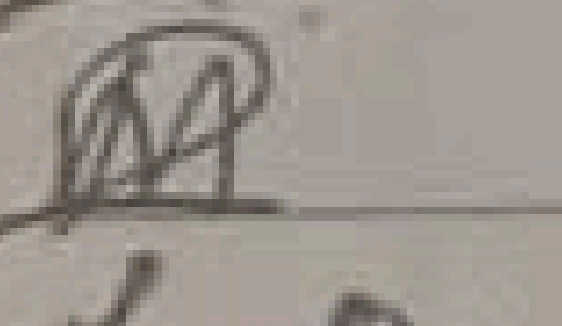
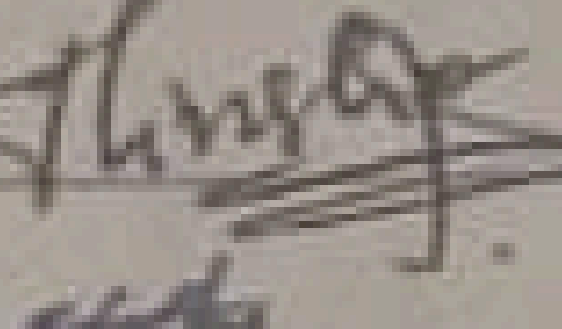
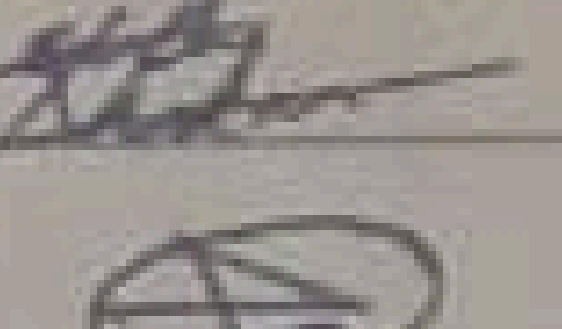
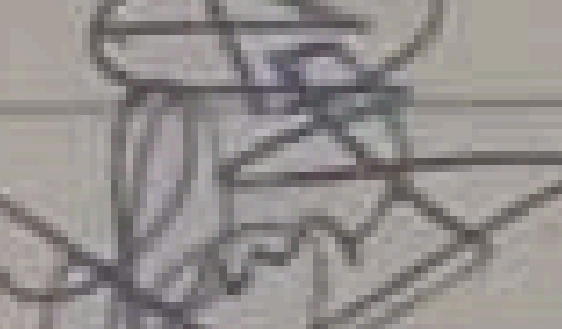
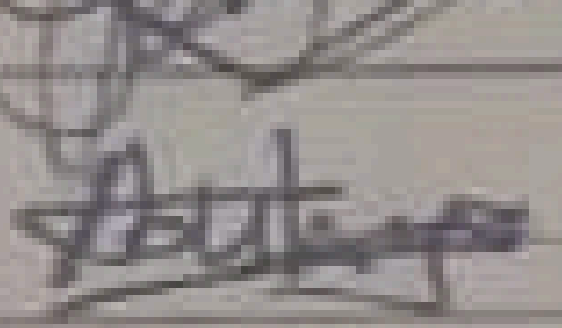
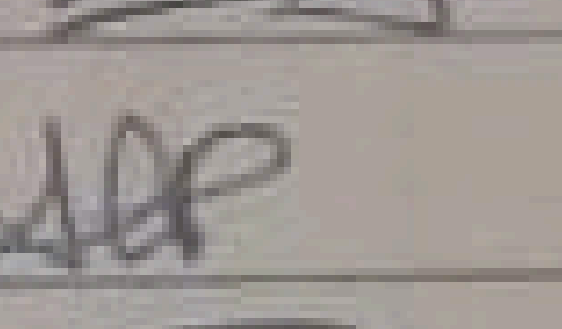
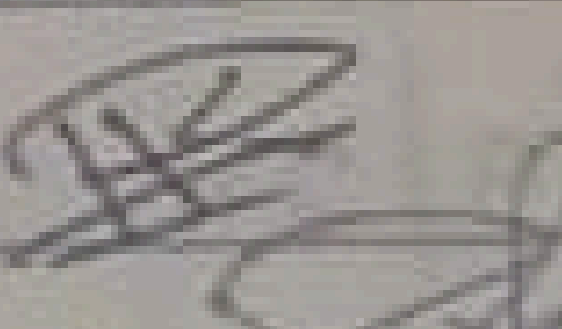
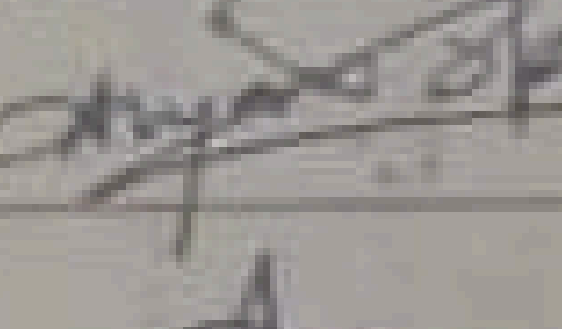
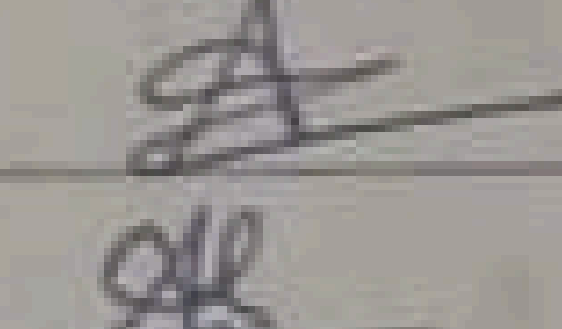

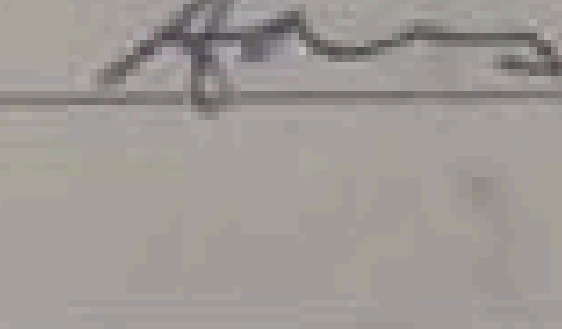

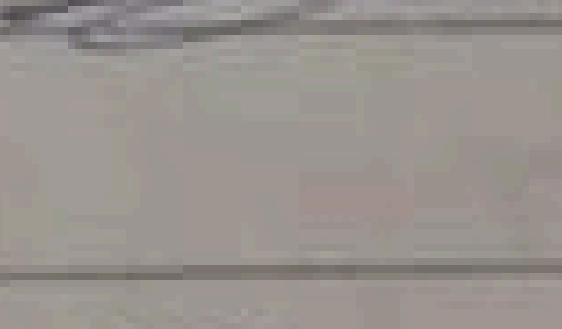
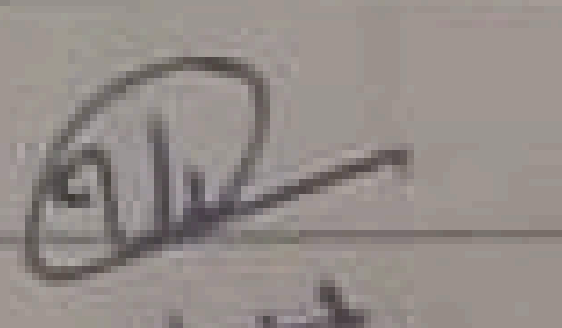
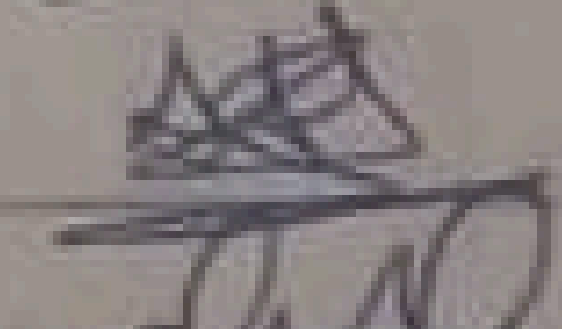
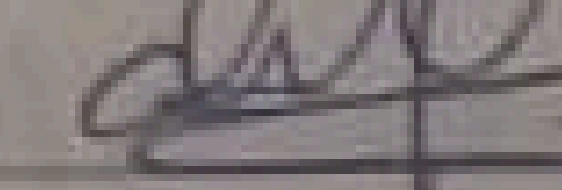


Time: 10:00 AM - 4:00 PM

Venue: Skill Development Centre

Key Speaker: Dilshad Mohammed



Participants

<u>3/7/24</u>		<u>Tech Hub 4:15 - 5:00</u>			
1	Mihikka S	SS CSE	9446562122		4:15
2	Karthika C	S3 CSE	8848106389		4:15
3	MRUDHULA MOHAN	S3 CSE	9074714931		4:15
4	Jinsha Mol CT	S3 CSE	5590177189		"
5	NANDANA VINU	S3 CSE	6235228993		"
6	Farhana Sherine E	S3 CSE	9995850736		"
7	Kavya M	SS ECE	6238412747		"
8	Adithyan	SS CSE	7902203708		"
9	Akin Mariya Pooja P	SB ECE	7902321172		"
10	Karthana S	SS ECE	9204054639		"
11	Anjana Puri Peasol	SS ECE	8590046078		"
12	Anjana M	SS ECE	9061818896		"
13	Ansiba Shrinath	SS ECE	6282414953		"
14	Akash M	ST ECE	9647767337		"
15	Swathy Sivadas	ST ECE	8157901458		"
16	Abhejith R	ST MG	8078723561		"
17	Pravada	ST ME			"
18	Vishnu M	SS CSE	9633018564		"
19	Abhishek Arunkumar	SS CSE	9207027558		"
20	Dilshad Muhammed	SS CSE	8714381226		"

2. TechHub Session: Frontend 101: Building Your First Website

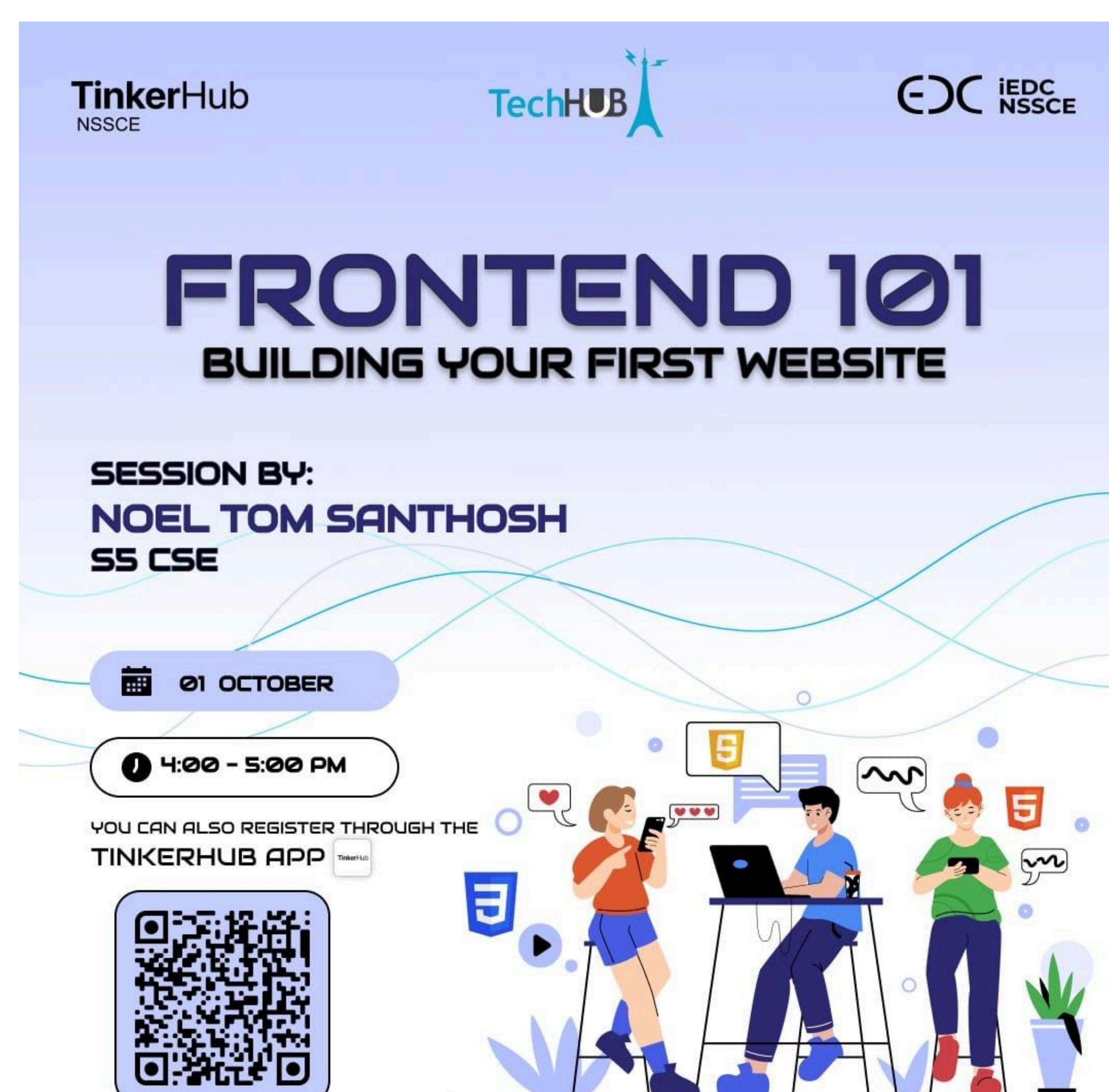
Frontend 101 was an interactive workshop designed to introduce aspiring developers to the fundamentals of web development. The session covered essential concepts in HTML, CSS, and JavaScript, enabling participants to build and style their first websites from scratch. Through hands-on exercises and guided learning, attendees explored the process of creating user-friendly and visually appealing web pages.

Date: October 1, 2024

Time: 10:00 AM - 4:00 PM

Venue: Skill Development Centre

Key Speaker: Noel Tom Santhosh



Participants

1	10-2024	TECHHUB SESSION (4-5pm)		
1	Rayhana S	SS CSE	9037279273	Rayhan
2	Abhishek Arunkumar	SS CSE	9207027558	Abhishek
3	Dilshad Mohammed	SS CSE	8714388926	Dilshad
4	Niyalurahman Kk	SS CSE	7736671729	Niyal
5	Rameesa KT	SS CSE	9188257583	Rameesa
6	Mihikka S	SS CSE	9446562122	Mihikka
7	Unnimaya K	SS CSE	8547700634	Unnimaya
8	CA Nandhana	SS CSE	9567279963	Nandhana
9	Keerthana S	SS CSE	9383461389	Keerthana
10	Snarna . N . T	SS CSE	8301964648	Snarna
11	Akshay . S	SS ECE	8714313352	Akshay
12	KIRAN SM	SS ECE	7736504506	Kiran
13	Meera KB	SS ECE	9074962942	Meera
14	Anupama S	SS ECE	9995787469	Anupama
15	Alanind Sunil	SS ECE	8590218644	Alanind
16	Abraham Jeyakumar	SS ECE	9384488351	Abraham
17	Nandhana Manoj	SS ECE	8848087420	Nandhana
18	Keerthana G	SS ECE	7561863448	Keerthana
19	Karanga S	SS ECE	6385368658	Karanga
20	Aswanya - G	SS ECE	9847421805	Aswanya
21	Ashida P-R	SS ECE	9633589639	Ashida
22	Ashita Nay	SS ECE	8590209774	Ashita
23	Amresh . T	SS CSE	7017297476	Amresh
24	Nayanjith	SS CSE	9497608255	Nayanjith
25	Mohammed Shifan	SS CSE	9037587339	Mohammed
26	Theerthe Senthosh	SS CSE	7028419602	Theerthe
27	Sabari R Nadh	SS CSE	7034195794	Sabari

28	Ameena Jasmin	SS CSE	7907480756	Ameena
29	Namitha . A . Suresh	SS CSE	8075039943	Namitha
30	Kasinadh . S . Pillai	SS ECE	8238929748	Kasinadh
31	Hiba Jathima	SS ECE	8943650351	Hiba
32	Nirmal Sutar	SS ME	9915908622	Nirmal
33	Swathy . R	SS ECE	8129570985	Swathy
34	Elsa Lenin	SS ECE	9496857796	Elsa
35	ASWANA N	SS ECE	9074319801	ASWANA
36	Jenitta Ann	SS ECE	7736314239	Jenitta
37	Amzum Shureef	SS ECE	9400677911	Amzum
38	Riya ROSE ROY	SS ECE	8281416541	Riya
39	Angelin Anto	SS ECE	1136665058	Angelin

3. Tinker Roundtable

The Tinker Roundtable was an engaging panel discussion featuring representatives from TinkerHub, iEDC, and FOSS. The event served as a platform for cross-community collaboration, where student leaders and members could discuss their initiatives, share success stories, and explore future partnerships. The discussion covered topics such as fostering a maker culture, leveraging open-source contributions, and creating more opportunities for students in tech. The event also provided an excellent networking opportunity, allowing attendees to connect with peers and mentors while brainstorming innovative ideas for future collaborations.

Date: October 3, 2024

Time: 4:00 - 5:00 PM

Venue: Skill Development Centre

Key Speakers: Vishnu M, Vedaasree M, Rayhana S



4. O-pen Mic: SheCodes: HTML & CSS Edition

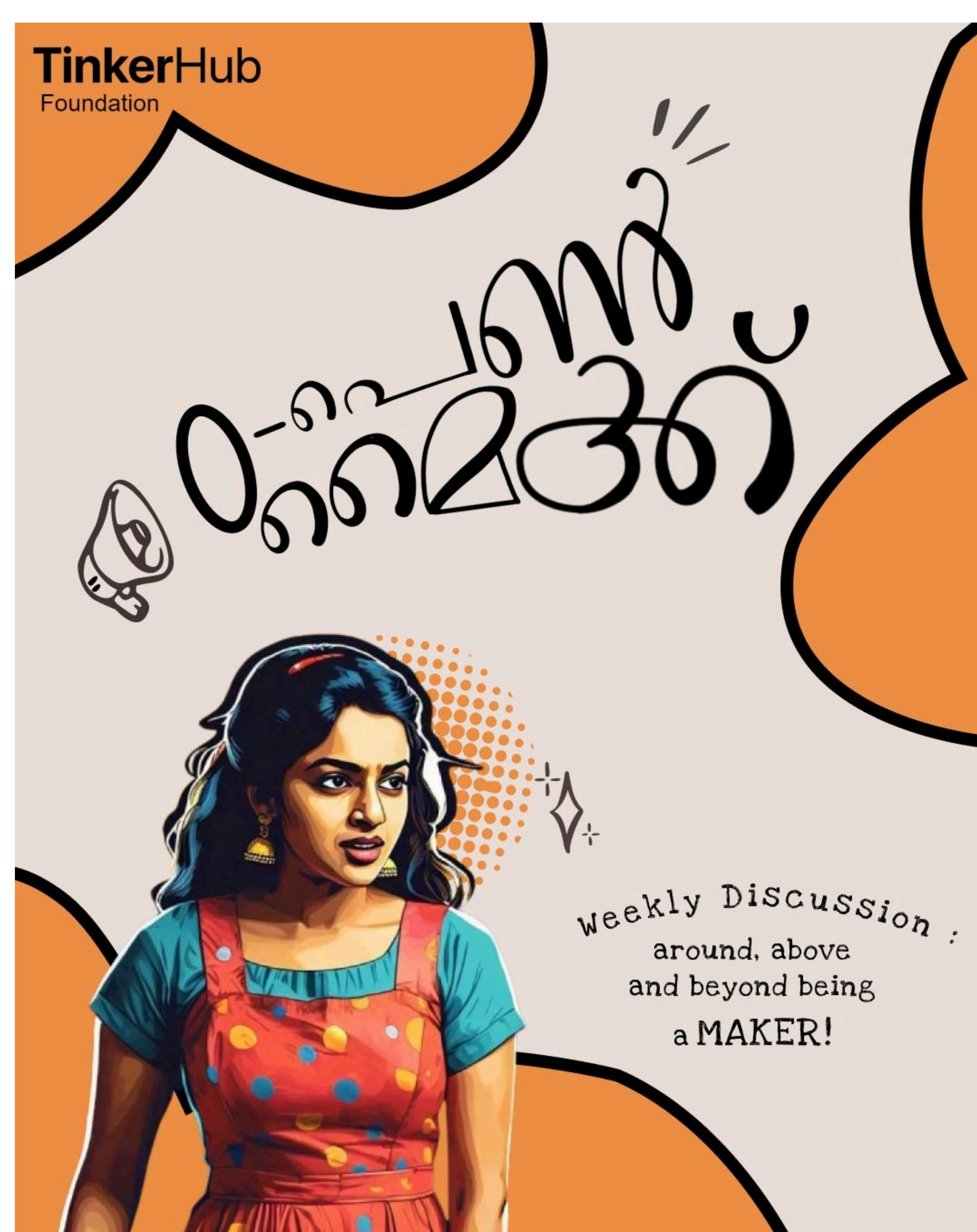
SheCodes: HTML & CSS Edition was a virtual, women-only open mic session designed to create an inclusive space for women in web development. The event encouraged participants to discuss their experiences, challenges, and achievements in coding, focusing on fundamental web technologies-HTML and CSS. Attendees had the opportunity to showcase their projects, ask questions, and receive insights from experienced women developers. This session not only helped participants enhance their technical skills but also strengthened the Women in Tech (WIT) community by promoting peer learning and networking.

Date: October 5, 2024

Time: 8:00 - 9:00 PM

Venue: Google Meet (Women Only)

Key Speaker: Rayhana S



5. TechHub Session: JavaScript Basics

This hands-on TechHub session provided a beginner-friendly introduction to JavaScript, one of the most widely used programming languages in web development. The session covered JavaScript fundamentals, including variables, data types, functions, loops, and event handling. Participants engaged in live coding exercises and interactive demonstrations, gaining practical experience in building dynamic web pages. The event successfully introduced students to the power of JavaScript, equipping them with essential skills for front-end development.

Date: October 9, 2024

Time: 4:00 - 5:30 PM

Venue: Skill Development Centre

Key Speaker: Nayanjith



The poster is for a JavaScript Basics session. It features a blue gradient background. At the top, there are logos for TinkerHub NSSCE, TechHUB, and EDC IEDC NSSCE. The main title 'JAVASCRIPT BASICS' is in large, bold, blue letters, with the tagline 'SCRIPT YOUR SUCCESS' below it. An illustration shows a person standing next to a large computer monitor displaying code, with a red 'JS' tag and a gear icon. Below the illustration, it says 'YOU CAN REGISTER THROUGH THE TINKERHUB APP' with a QR code. At the bottom, a blue banner contains the text 'SESSION BY: NAYANJITH SS CSE', the date '9th OCTOBER, 4pm', and the location 'SKILL DEVELOPMENT CELL'.

TinkerHub
NSSCE

TechHUB

EDC IEDC
NSSCE

JAVASCRIPT BASICS

SCRIPT YOUR SUCCESS

YOU CAN REGISTER THROUGH THE
TINKERHUB APP

SESSION BY:
NAYANJITH
SS CSE

9th OCTOBER, 4pm

SKILL DEVELOPMENT
CELL

6. TechHub Session: EasyEDA - Simplify Electronics, Amplify Innovation!

This session introduced students to EasyEDA, an intuitive online tool for electronic circuit design and PCB layout. The workshop covered key topics such as schematic design, circuit simulation, and PCB prototyping. Participants learned how to use EasyEDA to create their own electronic projects efficiently. The session catered to both beginners and experienced learners, helping students understand real-world applications of circuit design in embedded systems, IoT, and hardware development.

Date: October 30, 2024

Time: 4:30 - 5:30 PM

Venue: Skill Development Centre

Key Speaker: Vismi Vijayan



The poster features a blue gradient background with a large blue cloud icon containing a circuit board pattern. The text 'EasyEDA' is prominently displayed in blue. At the top, logos for TinkerHub NSSCE, TechHUB, and EDC IEDC NSSCE are shown. At the bottom, a blue banner contains a QR code, the session details, and a registration note.

TinkerHub
NSSCE

TechHUB

EDC IEDC
NSSCE

EasyEDA

YOU CAN REGISTER THROUGH THE
TINKERHUB APP

SESSION BY:
VISMI VIJAYAN
Faculty, ICE

30 OCTOBER

4.30 - 5.30 pm

**SKILL DEVELOPMENT
CELL**

7. Useless Projects Make-a-thon

Useless Projects was an innovative 18-hour make-a-thon organized exclusively for TinkerHub chapters across Kerala. The event provided a space for participants to experiment freely, build unconventional projects, and embrace creativity without limitations. Whether focusing on software solutions or hardware innovations, attendees had the opportunity to bring their ideas to life in a collaborative and inspiring environment.

Date: November 2, 2024

Time: 9:00AM - 5:00 PM

Venue: Skill Development Centre

Winners: Team 1 - Kaladharan Lal, Nirmal Sutar

Team 2 - Abhishek Ashokan, Akshay Nandan,
Aswana N



Participants

SL No	NAME	DEPARTMENT	SEMESTER	PHONE NO.	SIGN
1	Anoop.p	CSE	SS	8590718893	
2	Adarsh.A	EEE	SS	9072956972	
3	ARUNKRISHNA.A.U	ECE	SS	8590899414	
4	Kaladharan Lal	EEE	SS	8129444073	
5	SANA V.K	EEG	SS	8547942843	
6	T.B.Vishnu Prasad	EEE	SS	9809875814	
7	Amruthavarsan P.H	EEE	SS	9074124292	
8	Abraham Jayakumar	ECE	SS	9844488351	
9	Asavind Sunil	ECE	SS	8590218644	
10	Anueta.K Menon	ECE	SS	6129922130	
11	KIRAN S.M	ECE	SS	7736804506	
12	Akshay.S	ECE	SS	8714313352	
13	Aswath N	EEG	SS	9074319801	
14	Muhammed Akhbar P.S	ECE	SS	8848724633	
15	Dilshad Mahammed	CSE	SS	8714381226	
16	Deevan Thomey	ICE	SS	9037406290	
17	AKASH M	ICE	SS	7786305817	
18	Megha.K.A	ICE	SS	9400784874	
19	Malvika Sankar	EEE	SS	8137012911	
20	Anugraha	MECH	SS	9074451847	
21	Aarav	MECH	SS	889886149	
22	Abhishek	ECE	SS	9567024074	
23	Akshay Nandan	ECE	SS	8121536337	
24	Niyalukshan K.S	CSE	SS	7736671729	
25	Adithyan Marikkar	CSE	SS	7902203708	
26	Adway P Kishore	CSE	SS	8590415837	
27	ARUN.V	CSE	SS	7736500191	
28	RAHUL MANOJ	TE	SS	9846025476	
29	Diya Rahmath	IC	SS	8590839049	
30	Anshad A	IC	SS	9188558197	
31	Abhishek S	CSE	SS	8714473170	
32	Abhishek Arunkumar	CSE	SS	9207028558	
33	Rayhana S	CSE	SS	9037279273	
34	VISHNU.M.	CSE	SS	9633213564	
35	John Varghese Benny	CSE	SS	8306 0943 89	
36	Saurav Sujith.	CSE	SS	8028381081	
37	Normal Sudea	ME	SS	9995708622	

8. TechHub Session: Introduction to GitHub

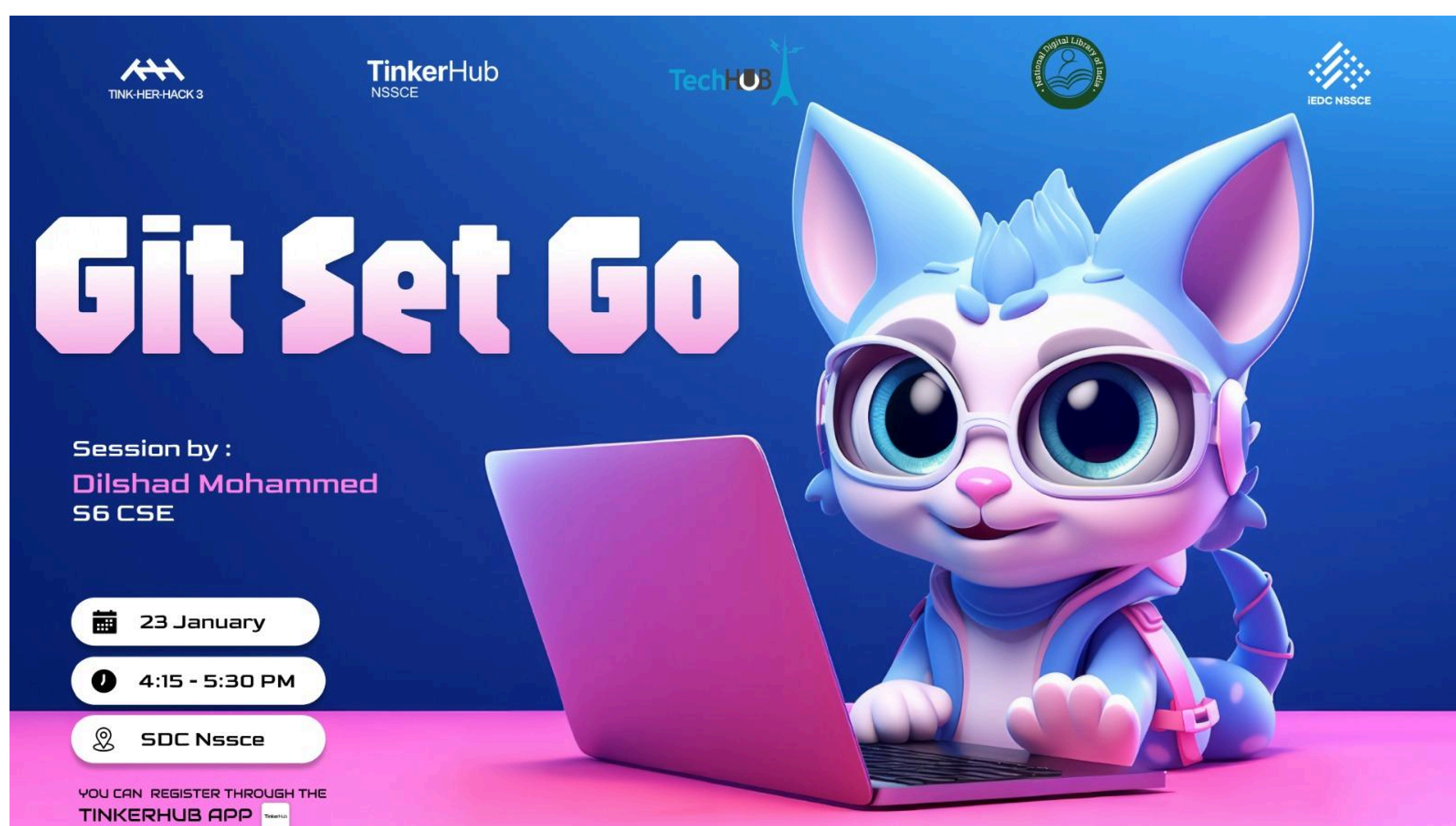
This hands-on workshop introduced students to GitHub, the world's leading version control and collaboration platform for developers. The session covered essential GitHub functionalities, including repository creation, branching, pull requests, and open-source contributions. Participants practiced real-time version control techniques and learned how to effectively collaborate on coding projects. By the end of the session, attendees had a clear understanding of how GitHub streamlines software development and teamwork in tech.

Date: January 23, 2025

Time: 4:15 - 5:30 PM

Venue: Skill Development Centre

Key Speaker: Dilshad Mohammed



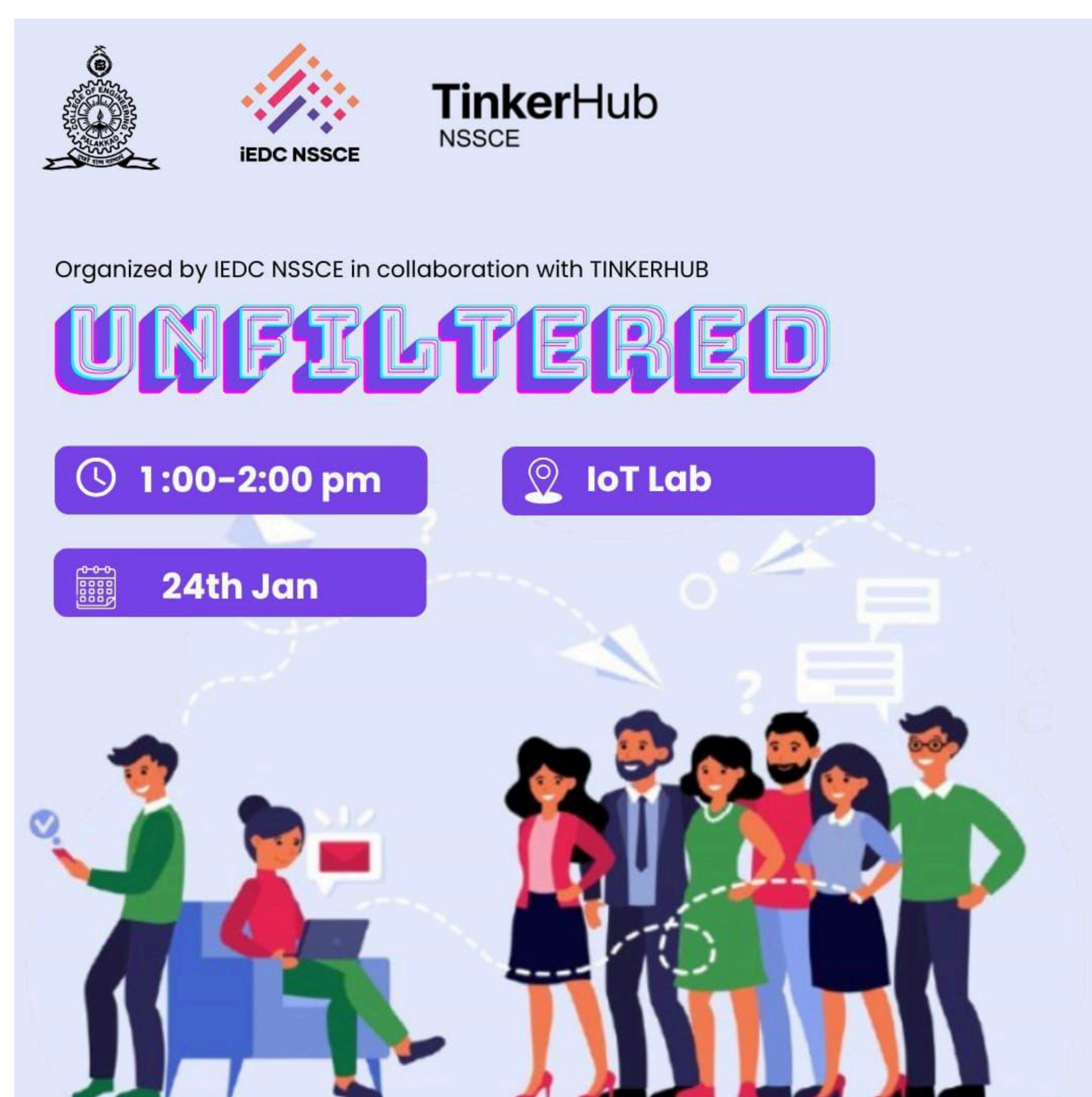
9. Unfiltered: Real Talks, Real Connections! - Session 1

First session of Unfiltered, an interactive community connect event designed to foster meaningful conversations, peer interactions, and networking in an informal setting. Organized by IEDC NSSCE in collaboration with TinkerHub NSSCE, the session provided a space for students to discuss their ideas, share experiences, and gain inspiration from fellow innovators. Through engaging discussions and spontaneous interactions, participants formed valuable connections, strengthening the collaborative spirit within the campus community.

Date: January 24, 2025

Time: 1:00 - 2:00 PM

Venue: IOT Lab



10. TinkHerHack 3.0: Honoring Women in Tech

TinkHerHack 3.0 was Kerala's largest women-only overnight hackathon, providing a dynamic space for women to innovate, collaborate, and bring their creative ideas to life. The event welcomed participants with varying skill levels, offering mentorship and guidance throughout the hackathon. Attendees worked on software and hardware projects, experimenting with new technologies and problem-solving in teams. The hackathon not only enhanced technical proficiency but also encouraged confidence and leadership among women in technology. The event concluded with project presentations, where participants showcased their solutions, gaining recognition for their innovation and creativity.

Date: January 25-26, 2025

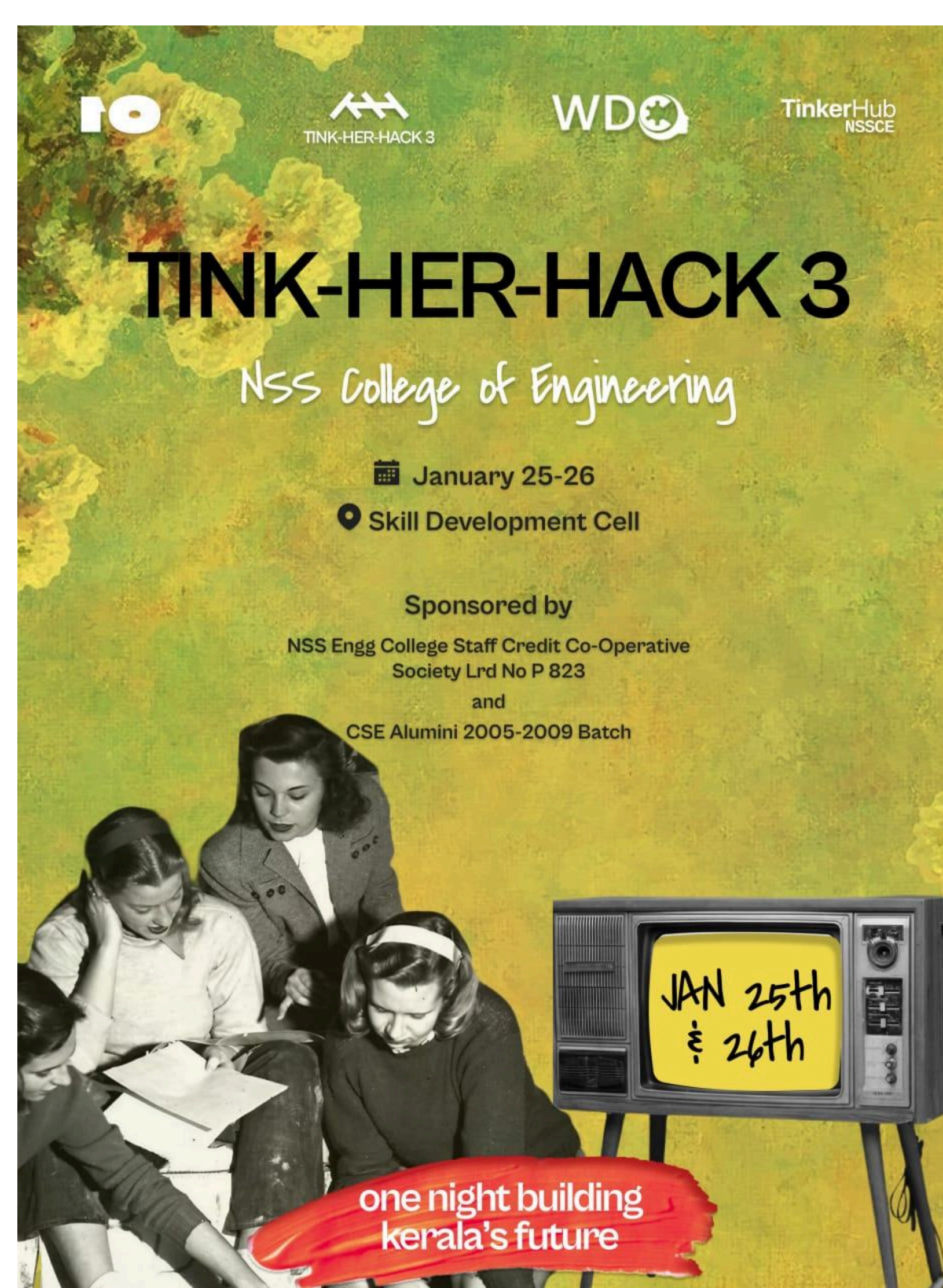
Time: 3:00 PM - 11:00 AM

Venue: Skill Development Centre

Winners: Team 1 - Aiswarya S, Fathima Sahla, Akhila P S

Team 2 - Namita B, Aswini K S, Merin P R

Team 3 - Anupama P, Theertha R, Swathy V



Participants

THH

Sl. No	NAME	Team Name	DEPARTMENT	SEMESTER	PHONE NO.	SIGN
1.	Akshayalakshmi - k	EmpowHer	CSE	S4	8921566649	ALS
2.	Jyotsna Menon	EmpowHer	CSE	S4	8547134960	JS
3.	Sneelakshmi - ks	EmpowHer	CSE	S4	8714914849	JS
4.	NANDHANAMANUJ	TECH TINKERS	E&E	S6	8848087426	NH
5.	NANDANA CM	TECH TINKERS	ECE	S6	7593059801	Nandana
6.	MEENAKSHI A DINESH	TECH TINKERS	ECE	S6	*994292695	Meenakshi
7.	Archana Raj	BINARY BRAINS	EEE	S4	6282063367	AR
8.	APARNA - B	BINARY BRAINS	EEE	S4	9895688615	AP
9.	DANNJA SAMSON	BINARY BRAINS	EEE	S4	7994938729	DS
10.	Milikka S	HackHerWay	CSE	S6	9446562122	MS
11.	C B Nandhana	Devss	CSE	S6	9567279563	CB
12.	Swathy V	Echo effects	ECE	S6	9495538640	Swathy
13.	Atheetha - R	Echo effects	ECE	S6	8590454899	AR
14.	Aiswarya - G	Pyhack	ECE	S4	9847421805	AG
15.	Sneha D	HackHerWay	CSE	S6	9061262336	SD
16.	Karunya S	HackHerWay	EEE	S6	6385368658	Karunya
17.	Amitha - N	Innov8	ECE	S6	8606824700	Amitha
18.	Akshayakrishna - R	Innov8	ECE	S6	9037441924	AK
19.	Advaita - S	Innov8	ECE	S6	9946692585	Advaita
20.	Anjana - CA	Innov8	ECE	S4	9495361474	AN
21.	Bhadea Krishnan	Innov8	ECE	S4	8590663022	Bhadea
22.	Namita - B	NAM	CSE	S6	8129599326	NB
23.	Ashwini K S	NAM	CSE	S6	91778123916	AS
24.	Merin P R	NAM	CSE	S6	9037574804	Merin
25.	Rameesa K T	Innov8	CSE	S6	9188257583	RT
26.	Keerthana S	Innov8	CSE	S6	9383461389	Keerthana
27.	Diya - K - Sajith	Innov8	CSE	S6	9656408477	Diya



Sl No	NAME	Team Name	DEPARTMENT	SEMESTER	PHONE NO.	SIGN
28	Anjana .S	STACK	CSE	S6	8304085660	
29	Vedashree .M	STACK	CSE	S6	7012434704	
30	Elsa Lenin	Innovatber	ECE	S4	9496857796	
31	Ameya Shyju .H	Tech Trek	CSE	S6	8714466542	
32	Meena .P	Tech Trek	CSE	S6	8714522551	
33	Anaswara .Saligamabhi	Pynack	CSE	S4	9496639095	
34	Aishwarya .S	Nammal	CSE	S4	9994812677	
35	Fathima Sabala .K	Nammal	CSE	S4	9947865091	
36	Lekshmi Hari	Codiva	CSE	S4	7012281670	
37	Aleena .K.R	Codiva	CSE	S4	8129826121	
38	Meera .K.A	Devss	CSE	S6	9400784874	
39	Riya .S	Devss	CSE	S6	8129665495	
40	NANDHANA .S	TechTrek	CSE	S6	7786921814	
41	ANJANA .M	CUBEROOT	ECE	S6	9061818898	
42	ANSABA SHIRIN K	CUBEROOT	ECE	S6	6282444953	
43	ARSHIDA PR	CUBEROOT	ECE	S6	9633559639	
44	AKSHITHA .S .PRASAD	The Bug Hunters	ECE	S6	9072823903	
45	Arushi Nair	The Bug Hunters	ECE	S6	8590120977	
46	Keerthana .S	The Bug Hunters	ECE	S6	9207054137	
47	Arya K J.	Midnight Coders	ECE	S6	7736108137	
48	Geethika .V	Midnight Coders	ECE	S6	8714716962	
49	Hafsa .V	Midnight Coders	ECE	S6	9539095130	
50	Rayhana .S	Stack	CSE	S6	9031279273	
51	Arupama .P	Echo effect	ICE	S6	9567880060	
52	Fathima Abdullah	Codiva	CSE	S4	9656952505	
53	Akshita .P	Nammal	CSE	S4	8547953004	

11. Unfiltered: Real Talks, Real Connections! - Session 2

Second session of Unfiltered, an interactive community connect event designed to foster meaningful conversations, peer interactions, and networking in an informal setting. Organized by IEDC NSSCE in collaboration with TinkerHub NSSCE, the session provided a space for students to discuss their ideas, share experiences, and gain inspiration from fellow innovators. Through engaging discussions and spontaneous interactions, participants formed valuable connections, strengthening the collaborative spirit within the campus community.

Date: January 31, 2025

Time: 1:00 - 2:00 PM

Venue: Eone Hall



12. TinkerHub Community Connect 3.0

The TinkerHub Community Connect was an exclusive gathering aimed at strengthening the bonds within the TinkerHub NSSCE community. Attendees engaged in networking activities, experience-sharing sessions, and interactive games designed to foster collaboration and camaraderie. The event provided an opportunity for students to connect with peers, discuss their tech journeys, and explore new opportunities for growth and learning. The vibrant atmosphere, combined with engaging discussions, made this event a memorable and impactful experience for all participants.

Date: February 20, 2025

Time: 4:00 - 6:00 PM

Venue: Auditorium

TinkerHub
NSSCE

COMMUNITY CONNECT 3.0

20 FEBRUARY

4:00 - 6:00 PM

AUDITORIUM

YOU CAN REGISTER THROUGH THE
TINKERHUB APP

