

CodeFusion 2024

Date and Time: 04-10-2024, 5:00 PM to 05-10-2024, 5:00 PM

Venue: MRD Student Centre, PESU ECC

Theme: *Hack & Crack - Capture the Flag*

Event Report

CodeFusion 2024, organized by the *IEEE Student Branch PESU Electronic City Campus*, was held as a 24-hour event featuring both a hackathon and a Capture-The-Flag (CTF) competition. The event took place at the *MRD Student Centre* of PES University Electronic City Campus, offering participants a unique opportunity to test their skills in both creative project development and cybersecurity problem-solving.

The event was structured with alternating hours dedicated to the hackathon and the CTF competition. During the hackathon sessions, participants worked on innovative projects, while the CTF rounds challenged them to solve security-related problems by identifying vulnerabilities and overcoming technical barriers. This dynamic structure allowed participants to engage in both creative coding and cybersecurity challenges, keeping them constantly on their toes.

Students from various branches and years participated, creating an inclusive environment where both beginners and advanced participants could contribute and learn. The alternating nature of the event provided a balanced mix of creativity and technical depth, making it an engaging and enriching experience for all involved.

A total of 377 enthusiastic participants, along with 20+ dedicated volunteers and 6 organizing core members, contributed to the success of CodeFusion 2024. The event was overseen by our esteemed branch coordinator, Dr. Sarasvathi V.

All participants were provided with dinner, midnight snacks, breakfast, refreshments, and lunch, ensuring they remained energized throughout the event. The event witnessed participants from both EC and RR campuses, who expressed their gratitude for the learning experience and the opportunity to showcase their talents. CodeFusion 2024 was hailed as a great success, leaving lasting impact on all involved.

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Judges:

ROUND 1		ROUND 2	
Sl. No.	Judge Name	Sl. No.	Judge Name
1	Dr. Clara Kanmani A	1	Nisheeth Agarwal
2	Dr. Chandrashekar P Chavan	2	Aashish Goyal
3	Dr. Geetha Dayalan	3	Archit Bhandari
4	Dr. Sudeepa Roy Dey	4	Nagendra
5	Dr. Vinodha K	5	Aditya Roshan G
6	Ms.Gauri Sameer Rapate		

Winners:

	Team Members	Project Title
First Place	Akshaj Headau Naman Nagar Akshat Navlani Gitesh Naidu	Budget Watch: Managing personal finances is challenging without clear insights. This app tracks transactions, visualizes spending through graphs, and provides actionable insights to improve financial decisions
Second Place	Vinaayak G Dasika Suraj Acharya Aditi Vignesh Nimalan K E	Fintrack, an expenses tracker that works well for individuals as well as groups like clubs and groups for events.
Third Place	Aditya Lokwani Aryaroop Bose	Reducing the return rates by customer by using a virtual try on system
Best all girls team	Sriharshita Vayyasi Spandhana K Sumithra Suresh	Website Security Scanner Tool

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Organising Core:

	Name	SRN	Role
1	Naman Singhal	PES2UG22CS333	Chair
2	Chirag Sathish	PES2UG22CS151	Vice Chair
3	Siri N Shetty	PES2UG22CS556	WIE Chair
4	Abhijith M S	PES2UG22CS013	Tech Head
5	Nishank Bhowal	PES2UG22CS366	Finance Head

Organising Volunteers:

	Name	Domain
1	Shreehari B Deshpande	Technical
2	Anupam G	Technical
3	Rithvik Rajesh Matta	Technical
4	Rishi A Sheth	Technical
5	Hari Kiran K	Logistics
6	Hari Shankar	Marketing
7	A U Manushree	Marketing
8	Rohil S	Logistics
9	Bhumika Maski	Logistics
10	Ganesh Hegde	Logistics
11	Devi Prasad Reddy	Logistics
12	Deveshwari Melshetty	Design

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	Name	Domain
13	Delisha Ryona Dsouza	Logistics
14	Hari Hegde	Logistics
15	Salima Aslam	SIGHT
16	K R Druva	Technical
17	Adithi	Technical
18	Arshad	SIGHT
19	Rohan	Design
20	Durgadeepa P	Logistics
21	Mir Abbas Hussain	Marketing
22	Ankit	SIGHT
23	Maharashi Bhoumick	Logistics
24	Dhruv Shembkar	Marketing
25	Nidhi N	Marketing
26	Nilesh	Technical
27	Rhea Chiring	SIGHT
28	Veeramallu Meghana	Logistics
29	Prathyush	Pixelloid
30	Vedanth	Pixelloid
31	Mushraf	Technical
32	Advay Sanketi	Technical
33	Aditya Verulakar	Design
34	Nitin Pandit	Mangobites

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Photos:



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First Prize: Team Name- Nitrous vadapav:

Problem: Managing expenses and visualising



Second Prize: Nemo

Problem: Budget management for Club

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Third Prize: Team Name- Byteforce

Problem: problems faced by both users and

businesses - loss of time and money



All Girls Team: ICE

Problem: Website Security Scanning tool