

Demo Day/Exhibition/Poster Presentation of Innovations/Prototypes & linkage with Innovation Ambassadors/Experts for Mentorship Support

RAMAIAH
Institute of Technology

DEPT. OF CSE (AI & ML) & CSE (CYBERSECURITY)

INSTITUTION'S INNOVATION COUNCIL
Ministry of Education Initiative

Demo Day/Exhibition/Poster
Presentation of Innovations/
Prototypes
&
Linkage with Innovation
Ambassadors/Experts for
Mentorship Support

REGISTER NOW!

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PRESENTS
INNOVISION
CHOOSE A TRACK, SOLVE IT.

RS. 10,000 PRIZEPOOL | 1ST PRIZE - RS. 5,000
2ND PRIZE - RS. 3,000
3RD PRIZE - RS. 2,000

CERTIFICATE OF PARTICIPATION
GUARANTEED!

	TEAMS UP TO 4 PEOPLE
	8TH-9TH FEB - ONLINE ROUND 10TH FEB - OFFLINE ROUND
	ESB SEMINAR HALL 2
	09:00 AM TO 12:00 PM (FOR OFFLINE ROUND)

securit.club
@securitb

About Innovision

secuRIT Club's INNOVISION competition—a platform designed to unleash your creativity and showcase brilliance! We're thrilled to announce this opportunity for 3rd semester students where you could win a grand prize out of a pool of ₹10,000 and turn your groundbreaking ideas into reality.

Innovision goes beyond being just a competition; it's your access to the world of innovation and problem-solving. We encourage you to form a team of up to 4 members, gear up to present your revolutionary concepts, and embark on an exhilarating journey with us on February 8th and 9th, with a finale on 10th.

And most important thing: There is no theme for the whole competition.
You are encouraged to take up any topic/theme of your choice and work on it.

There will be an online elimination round on 8th and 9th february. Teams are required to send their project details/ video demonstration for this elimination round. Of all the participants only 10 teams will be selected for the final round which will be happening on the 10th of february with a bench of external judges.

This bench of judges will determine the rank of the 10 final teams based on the evaluation criteria. These selected teams will give a presentation/ live demo of their prototype. After the final round, the scores are compiled and the prizes are given accordingly. Only the Top 3 team will receive prize money out of the prize pool.

Objective:

- Provide a platform for students to showcase their skills and creativity in the field of technology.
- Encourage students to learn new technologies and apply them to real-world problems.
- To encourage students to contribute to society with the help of the latest technology.

Prize amount:

- Winner - Rs. 5,000/-
- 1st Runner - Rs. 3,000/-
- 2nd Runner - Rs. 2,000/-

Event Flow-

Registration- Although there was no deadline for registration, the event notification was given well before it started. So the teams registered had ample time to program, edit and experiment with their prototype. secuRIT's innovision managed to register more than 35 teams, i.e. giving opportunity to more than 100 students. All the instructions about the event were mentioned explicitly before any round that took place.

Online Elimination Round- Of all the 37 teams participated, a group of experts/mentors of secuRIT club handpicked 10 teams, qualifying them to the final round. No member of secuRIT core team itself was involved in selecting the teams, it was based on the skills of the participating team members and the video demonstration of the prototype they presented, judged by the mentors of secuRIT club.

Final Round- All the 10 teams selected in the previous round are required to provide a presentation about their prototype as well as a live demonstration of the prototype, if possible. A bench of external judges will be present to evaluate and rate the participants based on the evaluation criteria as mentioned in the below section.

Evaluation Criteria

1. Innovation (10 points): How unique and creative is the idea or solution.

2. Technical Execution (5 points): How well is the solution implemented in terms of code quality and reliability.
3. User Experience (5 points): How intuitive and visually appealing is the solution for end-users.
4. Scalability & Market Potential (5 points): Does the project have potential for growth and align with market needs.
5. Feasibility (5 points): Is the project practical to implement given the constraints.
6. Social Impact (5 points): What positive effects does the project have on society or community.
7. Presentation (5 points): How effectively is the project pitched and its value communicated.

About the External Judges

Shri Harsha Sir working with Microsoft
Gaurav Sir working with rePurpose Global

Final Round-

Project details of the selected teams for the final round are displayed as follows:

Team Interpreters-

Project name: PICTURE PERFECT ATTENDANCE MANAGEMENT SYSTEM.

Abstract: The "Face Recognition Attendance System" is an advanced technological solution designed to streamline and enhance attendance management processes. Leveraging the power of facial recognition algorithms and modern computing techniques, the system provides an efficient and secure method for recording attendance in various settings, such as educational institutions and corporate environments. By capturing and analyzing facial features, the system accurately identifies individuals and records their attendance, eliminating the need for traditional methods like manual sign-ins or card-based systems. This automated approach not only saves



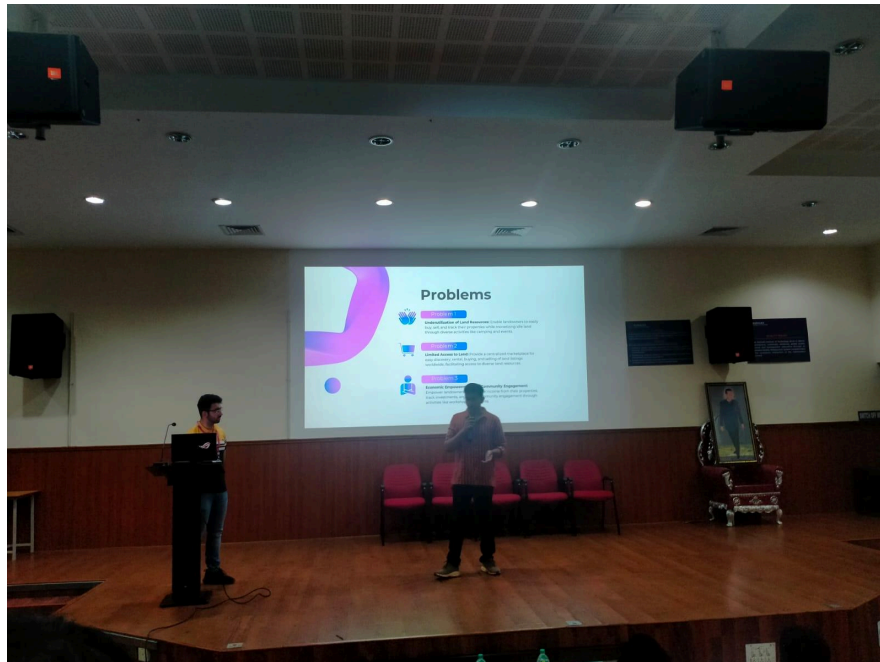
time and reduces administrative burdens but also minimizes the chances of errors and fraudulent attendance entries.

Team DevIT-

Project name: LANDFILL.

Abstract: Our platform revolutionizes land ownership, offering global accessibility for buying, selling, and utilization. Users can seamlessly transact and list properties for diverse activities like camping, events, and parking rentals. This versatility transforms dormant land into lucrative assets, fostering community engagement and economic opportunities.

Whether unlocking passive income streams or enhancing land utility, our platform empowers individuals to maximize the potential of their properties while enriching local communities worldwide.



Team Titans-

Project name: PAYMENT GATEWAY

Abstract: A payment gateway is a technology used to securely process and authorize financial transactions for online businesses. It acts as a bridge between the merchant and the financial institutions, ensuring the safe transfer of sensitive customer data. We provide a feature never existed before, i.e, a notification for a failed transaction on both ends.



Team Dig_IT

Project name: KEYLOGGER DETECTION SYSTEM

Abstract: We used several techniques to identify the keylogger embedded in the System. They can be of both hardware and software type which can be embedded in non-suspicious softwares.

With a broader perspective we have a goal to embed our code with anti- malware softwares and redirection of direct identification and removal of keyloggers.

Also with use of process analyzing and web-extension we can have a keylogger detector for web applications.



Team Four Spoons

Project name: ALCHEMY OF SPICES

Abstract: There are limited ingredients at hand and there is a dire need to prepare a meal but no experience with cooking or instant resources to help .So we need to create a user-friendly recipe generator with the available components.

Our project mainly aims to provide people with a quick and effective way to prepare a meal of any dimension with the available ingredients at hand.

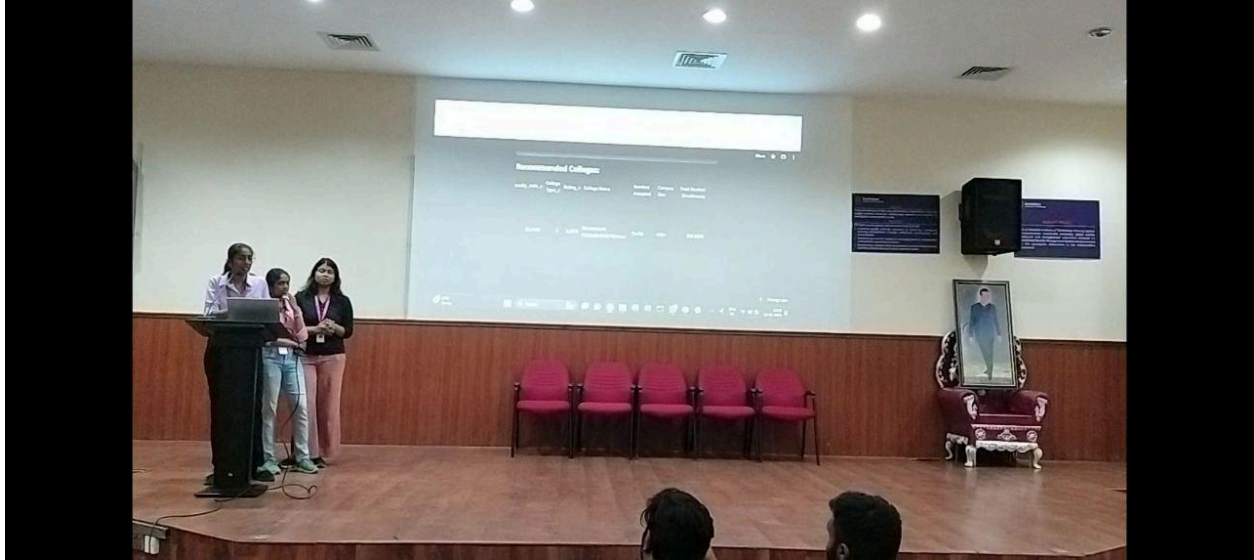
You could be a novice with no prior experience or a professional looking for a simple meal, by utilizing our resources to find the best possible solution to suit your needs.



Team Code Wizards

Project name: UNIFIND

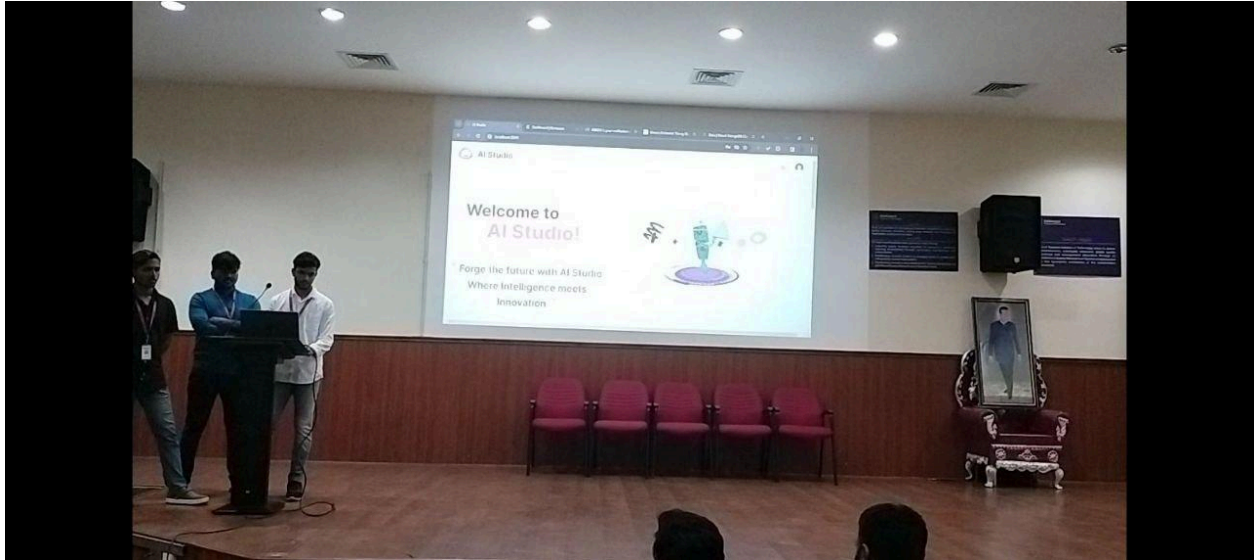
Abstract: This project presents a comprehensive recommendation system designed to assist students and parents in making informed decisions regarding university admissions in India. The system employs a multifaceted approach, considering key aspects such as university rating, city location, campus size, and facilities. By integrating these diverse features, our recommendation system aims to provide tailored suggestions, enhancing the selection process for prospective students and their families.



Team Cybershark

Project name: AI STUDIO

Abstract: Ever tired of login into different AI tools like chat bot, image generator, code generator, audio to text AI, text to audio AI? AI Studio caters this problem by providing a one stop solution for all the different AI tools you may need. You only need to sign in once and access all the tools on our website. The website hosts a great UI experience which is interactive and fun to use in light mode and dark mode.



Team Kerpala

Project name: DATA HARVEST: EXTRACTING INSIGHTS WITH ML

Abstract: Data Harvest is a tool that helps in scrapping, training our model and analyzing data from the spreadsheet created. The scraping tool(Scrapy) extracts the data from any website provided to it and creates a spreadsheet based on the data present on the website and configuration settings. This spreadsheet can be fed into SVR model for training or can be used for data analysis.

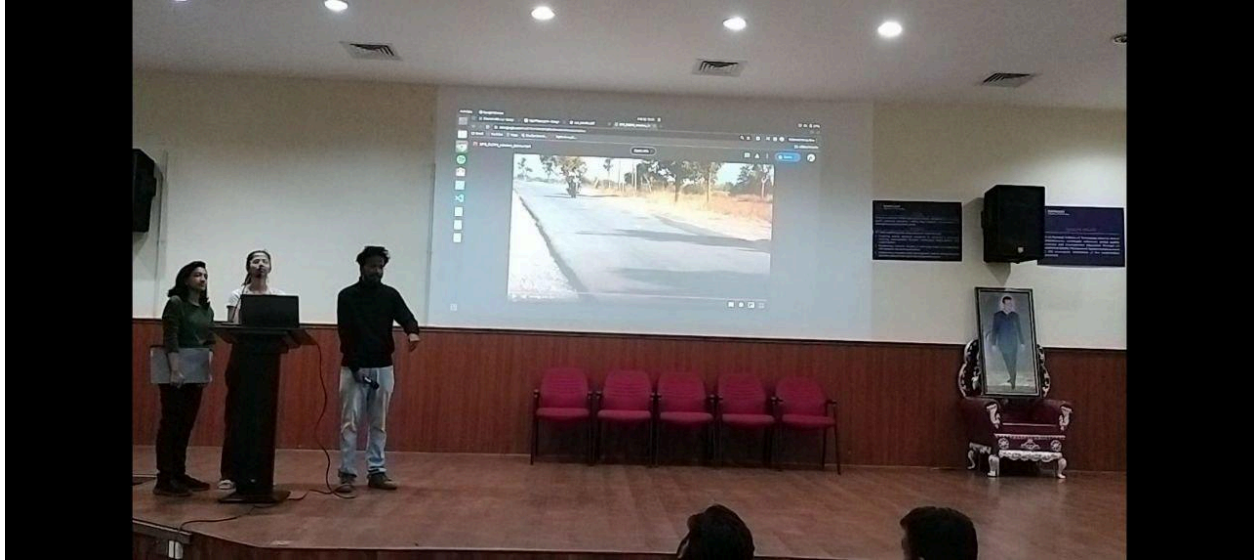


Team Ops Flops

Project name: SEARCH AND RESCUE MISSION USING DRONES LEVERAGING EDGE COMPUTING AND AI

Abstract: We aim to implement disaster management systems by incorporating Unmanned Aerial Systems (UAVs) which are AI-driven with edge computing capabilities that can effectively self detect, and interpret the surrounding environment and can help in search and rescue operations,essential vitals in disaster-stricken areas.

Aim: Reduce human suffering and property damage by ensuring swift and effective payload delivery in dynamic disaster scenarios by providing the software solution to the problem.



Team Bro Code

Project name: SHELTERSPOOT

Abstract:

- Search and Filter: Users can initiate a search by entering their desired location and applying filters based on their preferences. They can refine their search results further by adjusting filters such as rent range, property type, amenities, etc.
- Property Listings: Upon selecting a property, users can access detailed information including property photos, description, amenities, and contact details of the landlord.
- User-Friendly Listing Creation: Users can easily create listings for their personal property, providing detailed descriptions, photos, and pricing.
- User Profile/Login: Users can access their profile settings to manage their listings, saved searches and booking history.



Valedictory Ceremony

After the grand pitches of the participants, the results were compiled. The following are the prize details-

Winner - Team Dev-IT

Project name- LandFill

Team members- Vaibhav Raina (Leader), Manu Smriti

Prize- Rs. 5,000/-



1st Runner - Team Ops Flops

Project name- Search and Rescue Mission Using drones leveraging edge computing and AI

Team members- Yogesh Dayanand(Leader), Megha Prasad, Nandeesh H K, Teena Joseph

Prize- Rs. 3,000/-



2nd Runner - Team Interpreters

Project name- Picture perfect attendance management system

Team members- Radhesh(Leader), Nirmith M R, Amogh, Karthik

Prize- Rs. 2,000/-



Participants list-

Serial Number	Team Name	Team Members
1	Bit Shinobi	Abhishek Jacob Santhosh, Ankit Singh, Aagnik Ghosh, Ankush Balse
2	Dig_it	Chirag Saha, Harshvardhan Mehta
3	Team Domin8	Mohammed Yasin Zuhayr, Preetham H, Preran S, N Sathya Pramodh
4	JACK SPARROW	Rishi Dave, Nihar Reddy, Lokesh HM, Aby Binoy
5	Cyber Sharks	Prashast Nigam, Nikhil, Jnanesha, Dheemanth
6	PrefeCure	Syed Azmaan Ali Madni
7	CodersCrew	Gowtham V, Anoop SS, Jalihal Abhay, Yashwanth V
8	Code Smashers	Pragati Shekhar, Krish Jain
9	Team Spurthi	H. V. Spurthi, Ishan Raj Upadhyay
10	Titans	Rachit N A, Naomi Sarah John, Adithya Nayak, Lakshmikanth B G
11	B.B.H	Yash Budhia, Vishesh Gupta, Vaibhav Raina

12	Benki boys	Suhas NY, Shreekrishna T, Harsh ps, Kishore hitnalli
13	Squad Alpha	Chahat, Anushika Upadhyay, KISHAN AGARWAL, Garvit Raj
14	Cyber Mavericks	Shahbaaz Saleem, Jeevan S, Joshua Abhishek Leo, Ramegowda MD
15	Crashers	Hemanth Kumar NVS, Ramnath Shenoy, K Maruthi, Jenas Anton Vimal
16	LoneLogic	Saurabh Kushwaha
17	Chipi	Aditya Singh, K Ashwin S Rao
18	Astra	Swastik Sharma, Suraj Teli
19	GulabJamun	Nikhil Kalloli, Sahil Sahay
20	PP	Trijal
21	Cre8ives	Swara Sameer Pawanekar, Jubi Pator, Navami Karadigudda
22	cRITical thinkers	Tanish Mehta
23	4spoons	Sharanya Raj Verma, Ankith Nath, Rakshita V, Nithin N
24	Matrix Agents	Prateek P, Hiten, Akarshjayanth, Shreyas

25	Code wizards	Apoorva Nayak, Harini.N, Drupitha.C, Keerthana.S
26	INNERVISION	Swapnil Rao, Shriya AN
27	SLASH/	SHAKTHIVELM
28	LBM	Nandan Kumar S
29	MACHA	Anant Sharma, Mudit Sethia
30	Brocode	Ankush Dey, Mihir Sai, Krrish
31	Password Pirates	Anirudh, Venkatesh, Aditya Yashwant, Abhirup Mishra
32	Ops-flops	Teena Joseph, Yogesh D, Megha Prasad, Nandheesha HK
33	XIX	Bhaskar Datta P, Gagan V, Pranav Sharan S P, Atharv Kulkarni
34	NA	Aarib Anwar, Namana Vijay Shetty
35	Interpreters	Radhesh, Nirmith MR, Amogh, Karthik
36	devIt	Vaibhav Raina, Manu Smriti
37	Kerpala	Prajwal A K, Taneesh K

Outcomes:

1. **Innovative Solutions:** Participants demonstrated their ability to think creatively and develop innovative solutions to real-world problems within the given timeframe. The event showcased a diverse range of ideas, indicating a high level of creativity and problem-solving skills among the participants.
2. **Collaborative Learning Environment:** The hackathon fostered a collaborative learning environment where participants had the opportunity to exchange ideas, collaborate with peers from different backgrounds, and learn from each other's expertise. This collaborative spirit not only enhanced the quality of the prototypes but also contributed to a vibrant atmosphere throughout the event.
3. **Prototype Development:** The event resulted in the development of functional prototypes for various projects, demonstrating the participants' ability to translate their ideas into tangible solutions. This hands-on experience allowed participants to gain practical skills in prototyping, iterating, and refining their concepts under time constraints.
4. **Feedback and Mentorship:** Participants received valuable feedback and mentorship from industry experts, mentors, and judges throughout the event. This feedback loop helped participants validate their ideas, identify areas for improvement, and refine their prototypes further. The guidance provided by mentors also facilitated skill development and knowledge transfer among participants.
5. **Seed for Future Innovation:** The hackathon served as a seed for future innovation, inspiring participants to continue exploring their ideas beyond the event. Several projects showed potential for further development, either as entrepreneurial ventures or as contributions to existing initiatives within the organization or the community. The event acted as a catalyst for ongoing innovation and entrepreneurship among participants.

Feedback-

<https://drive.google.com/file/d/1LhOn0tvJ8oKHepilsCjEGE1zagnU0NMR/view?usp=sharing>

Credits for organization and documentation- secuRIT Core :)



DEPT. OF CSE(AI/ML) & CSE(CYBER)

PRESENTS

INNOVISON

CHOOSE A TRACK, SOLVE IT?

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8TH - 10TH FEBRUARY



TEAMS: UPTO 4 PEOPLE

PARTICIPATION CERTIFICATE FOR EVERYONE

SCAN TO REGISTER FOR FREE!

