Date: 12/09/2024

SIH Internal Hackathon Result

The internal hackathon for SIH2024 was successfully conducted on 9th and 10th September 2024 at Guru Gobind Singh Indraprastha University, Delhi.

The following teams have been shortlisted:

Sr. No.	Team Name	Problem Statement No	Problem Statement Title	USS
1	AGNIBOTICS	1533	Student Innovation	USAR
2	THUNDERVAN GUARD	1533	Student Innovation	USAR
3	LOOMLOCK	1541	Student Innovation	USAR
4	SUNNY SIDE UP	1545	Development of a non-electrical device for tracking the movement of the sun for movement of the solar panels, increasing their efficiency.	USICT
5	DRISHTI	1550	Development of portable device (non-contact device) for measurement of eye pressure in glaucoma patients for usage at home.	USAR
6	ECHOSPORT	1554	Smart Irrigation System for Precision Farming	USICT
7	VEDAROOTS	1555	Create a Virtual Herbal Garden that provides an interactive, educational, and immersive experience to users, showcasing the diverse range of medicinal plants used in AYUSH (Ayurveda, Yoga & Naturopathy, Unani, Siddha, and Homeopathy).	USAR
8	MEDITIVA	1556	Develop a Smart Yoga Mat integrated with Artificial Intelligence (AI) capabilities to support smart watch integration for tracking progress and provide curated yoga content by experts, while ensuring its affordability.	USAR
9	SMARTSOLUTIONS	1570	Designing and development of a pressure transducer based equipment with a well cap for measurement of heads in autoflow wells	USAR
10	IKIGAI	1579	Developing writing pen and writing pad for children with Specific learning disability.	USAR

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11	SCHRODINGER'S KITTIES	1581	Development of cost-effective myoelectric prosthesis.	USAR
12	G_1	1584	AI based acoustic wave monitoring of rail defects like cracks, fracture and prediction for rail wear, quality along with other parameter.	USICT
13	THE SAVIORS	1605	Women Safety Analytics – Protecting Women from safety threats	USAR
14	ENTROPY	1610	Learning App for Deaf And Mute and sign language-English/Gujarati converter	USAR
15	TEAM DEVLOG	1610	Learning App for Deaf And Mute and sign language-English/Gujarati converter	USAR
16	BE DUGGERS	1612	Automated Bus Scheduling and Route Management System for Delhi Transport Corporation	USICT
17	CIRCUIT CODERS	1616	The technological solutions for capturing AQI values through mobile and other forms of stations	USAR
18	CODE SETU	1620	Queuing models in OPDs/ availability of beds/ admission of patients. A hospital based solution is ideal which can be integrated with city wide module	USAR
19	COHERENCE	1624	To develop an Artificial Intelligence (AI) based model for electricity demand projection including peak demand projection for Delhi Power system	USAR
20	TECH TITANS (CHAND MD.)	1625	Smart Classroom Management Software for Enhanced Learning Environments	USAR
21	VINAYAKA	1631	AI-Powered Student Assistance Chatbot for Department of Technical Education, Government of Rajasthan.	USAR
22	SQUAD 443	1637	Mobile App for Direct Market Access for Farmers	USAR
23	AGROBEAST	1638	AI-Driven Crop Disease Prediction and Management System	USAR
24	KISAN KRANTI	1638	AI-Driven Crop Disease Prediction and Management System	USAR
25	DATA DRIFTERS	1647	Development of AI-ML based models for predicting prices of agri-horticultural commodities such as pulses and vegetable (onion, potato, onion)	USAR
26	BYTE BUILDERS	1648	Online Chatbot based ticketing system	USICT
27	HACK HAWKS (SARTHAK)	1649	DDoS Protection System for Cloud: Architecture and Tool	USAR
28	PRAGATI	1649	DDoS Protection System for Cloud: Architecture and Tool	USAR
29	BOT GODS	1651	Microphone array-based direction of arrival for gunshot detection	USAR
30	HACK HAWKS (LAKSHAY MALIK)	1651	Microphone array-based direction of arrival for gunshot detection	USAR

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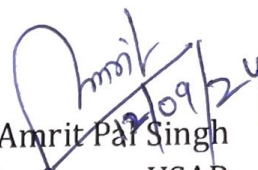| Sr. No.	Team Name	Problem Statement No	Problem Statement Title	USS
31	BUG SMASHERS (PIYUSH)	1655	Detecting oil spills at marine environment using Automatic Identification System (AIS) and satellite datasets	USAR
32	THE BLOCKHEADS	1655	Detecting oil spills at marine environment using Automatic Identification System (AIS) and satellite datasets	USAR
33	CODE BETA	1661	Implement Software Solutions to Reduce Student Dropout Rates at Various Educational Stages	USAR
34	INVICTUS	1661	Implement Software Solutions to Reduce Student Dropout Rates at Various Educational Stages	USAR
35	DEVWISE	1664	Develop Software Solutions to Enhance Educational Infrastructure and Connectivity in Rural Areas	USAR
36	TEAM AIMERS	1664	Develop Software Solutions to Enhance Educational Infrastructure and Connectivity in Rural Areas	USAR
37	DEEPTRUTH SQUAD	1683	Development of AI/ML based solution for detection of face-swap based deep fake videos	USAR
38	FALSE FRONT DEFENDERS	1683	Development of AI/ML based solution for detection of face-swap based deep fake videos	USAR
39	SNACK OVERFLOW	1683	Development of AI/ML based solution for detection of face-swap based deep fake videos	USICT
40	Y2K	1700	Developing an AI based interactive Chatbot or virtual assistant for the Department of Justice's Website.	USICT
41	LOWGORITHM	1703	Let's Learn Constitution in a Simpler Manner-Citizen Perspective	USICT
42	SMARTPRESENCE	1707	Development of a Geolocation-Based Attendance Tracking Mobile Application.	USAR
43	TTS	1711	Enhancing Rail Madad with AI-powered Complaint Management	USAR
44	BRAHMA BYTES	1743	Parsing of Social Media Feeds	USAR
45	MALAAI	1745	De-anonymizing of entities on the onion sites operating on TOR Network	USAR

Waitlisted teams are:

Sr. No.	Team Name	Problem Statement No	Problem Statement Title	USS
1	AQUASWEEP INNOVATORS	1603	Research and develop a design on " autonomous water surface cleaning robot "	USAR
2	NEXA	1609	Implementation of the Alumni Association platform for the University/Institute.	USICT

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3	SOULMIND	1637	Mobile App for Direct Market Access for Farmers	USAR
4	SONIC SENTRY	1651	Microphone array-based direction of arrival for gunshot detection	USICT
5	GODSKINAPOSTLE	1712	Interactive Skills Enhancer (ISE): A Virtual Reality-Based Learning Tool for Children with ASD and ID	USAR

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Copy to:
1. Dean, USICT/ USAR.
2. Director, Student's Welfare/Academic & Administration (East Campus).
3. Guard file.