J.B. INSTITUTE OF ENGINEERING & TECHNOLOGY

(UGC AUTONOMOUS)

Accredited by NBA & NAAC

Bhaskar Nagar, Moinabad Mandal, R.R. District, Hyderabad -500075

Department of Electronics and Communications Engineering

Report

on

Smart Innovation Hackathon 2023

Date: 26th -27th September, 2023

Report Prepared by:

Dr. Anindya Jana,

&

Mr Shravan Kumar

About the Event:

Smart Innovation Hackathon is the Internal Hackathon, which was organized to select/ nominate best teams for the Smart India Hackathon (SIH) by MHRD. Smart Innovation Hackathon continued for 2 days in JBIET Campus. A total 35 teams participated for the Hackathon where each team contained 6 members including male and female students. The Hackathon Started on 26th September, 2023 at 9:45 AM. Students started gathering at the venue by 9:30 AM. The registered participants were re-verified about their registration at the registration Desk. ID Cards, notepads and pen were distributed along with team number card at the desk. Keeping the time issue in consideration, there was no official inauguration event for Hackathon. At 10:00 AM, the judges and organizing team entered the venue. Judges elaborated the judging process at the beginning itself. There were 5 rounds of evaluation in these two days. Students were provided with lunch, snacks, dinner. A total 15 teams were selected from Hardware and Software Editions. Winners of Hardware Edition and Software edition were awarded with cash prize. The valedictory session was chaired by Ms. Rohini Naidu, Ms. Universe Integrity. The Students association Clique, Echos, Codehub, SAC worked together to make the event grand success.

About the Problem Statement

The Problem statements were chosen from official portal of SIH 2023. There were problem statements for both hardware and software.
We had provided links to the participants.

Photos of the event organized:

Photos of the all participating teams:

Judging Process

SIH 2023 at JBIET- Hyderabad was evaluated in 4 stages. The description of the evaluation process is given as follows:

Stage 1: Problem Definition and Ideation

Problem Statement (10 marks): The clarity and relevance of the identified problem, ensuring it aligns with the theme of the hackathon.

Novelty of the Idea (10 marks): The uniqueness and innovation embedded in the proposed solution, pushing boundaries beyond conventional approaches.

Complexity (10 marks): Assessing the technical challenges and intricacies involved in the project, indicating the depth of problem-solving.

Clarity (10 marks): How well the idea is communicated, ensuring judges and participants alike can grasp the concept effortlessly.

Execution (10 marks): The initial steps taken to bring the idea to life, demonstrating the team's commitment and understanding.

Stage 2: Development and Implementation

Execution (50 marks): Evaluating the actual implementation of the idea, including the functionality, technical proficiency, and overall completion of the project.

Stage 3: User Experience and Future Viability

Execution (20 marks): A continued assessment of execution with a focus on refinement and improvements made during the development phase.

User Experience (10 marks): How intuitive and seamless the solution is for end-users, emphasizing user-centric design.

Potential for Future Work Progression (10 marks): Identifying scalability and future development prospects, ensuring the project has room for growth and adaptation.

Practicability (10 marks): Assessing the practicality of the solution in real-world scenarios, considering feasibility and usability.

Stage 4: Presentation and Impact Assessment

Innovation in Proposed Idea (10 marks): The creativity and originality demonstrated in the presentation, showcasing a fresh perspective.

Feasibility of Implementation (10 marks): Assessing the practical implementation of the proposed idea in a real-world context, considering resource requirements and constraints.

Sustainability (10 marks): Examining the long-term viability and environmental impact of the solution.

Practicability (10 marks): Ensuring that the presented solution is not only innovative but also realistic and applicable.

Scale of Impact (10 marks): Evaluating the potential reach and influence of the project, considering its broader impact on the community or industry.

Jury Panel:

	Name	Branch	Category	Evaluation Round-1 (Mentoring) 26 Sept 2023 11 AM to 12 Noon	Evaluation Round-2 26 Sept 2023 12.30PM to 1.00 PM	Evaluation Round-3 26 Sept 2023 4.00PM to 5.00 PM	Evaluation Round-4 26 Sept 2023 8.00 PM to 9.00 PM	Evaluation Round-5 (Presentation) 27 Sept 2023 12 Noon to 1.00 PM
1	Dr. Sumagna Pattnayak (Chief Jury)	Principal, BEC	Software	✔				✔
2	Mr. Rathnakumar	EE	Hardware	✔	✔			✔
3	Mr. Ch. Shravan Kumar Reddy	EE	Hardware			✔	✔	
4	Ms. Kiran Pakmode	ECM	Software and Hardware	✔	✔	✔		✔
5	Mr. Md. Asif	ECM	Software and Hardware		✔	✔	✔	✔

6	Mr. S Sathish Kumar	AIML	Software	✔	✔	✔	✔	✔
7	Dr. Kumar	IT	Software	✔	✔	✔	✔	✔
8	Dr. K Roshan	AIDS	Software	✔	✔	✔	✔	✔
9	Dr. P Srinivas Rao	CSE	Software	✔	✔	✔	✔	✔
10	Dr. Rama	CSE	Software	✔	✔	✔	✔	✔
11	Mrs. Gayatri Devi	CSE	Software	✔	✔	✔		✔
12	Mr. D Hemagiri	CSE	Software	✔	✔	✔	✔	✔
13	Dr. Prasanta Pradhan	ECE	Software and Hardware	✔	✔	✔	✔	✔
14	Mr. N Ramesh Babu	ECE	Hardware	✔	✔	✔	✔	✔
15	Mr. Shravan Kumar	ECE	Hardware	✔	✔	✔		✔
16	Mr. B K Muni	ECE	Hardware	✔	✔	✔		✔
17	Ms. G Samatha	ECE	Hardware	✔	✔	✔		✔
18	Ms. K Snehalata	ECE	Hardware	✔	✔	✔		✔

Nominated Top Teams:

TEAM NO	Team Name	SIH-ID
1	JB_AI_MANIAC	SIH1454
4	JB_(Tech Troopers)	SIH1454
5	JB_(PLANTAE)	SIH-1401
6	Truth trackers	SIH1364
7	Hexagon	SIH1401
9	JB_team kanya rashi	SIH1450
10	Royal Civil2k23	SIH1513
11	JB_ Party Pilot's	SIH1439
16	JB_Creative-Cats	SIH1450
19	Full-Stack Fighters	SIH1383
27	Kick Bit Fever	SIH1325
28	Down to earth	SIH1499
29	JB_FEU	SIH-1300
32	TECH-TITANS	SIH-1349
34	Arduino hackers	SIH1475

Judges Information

S. No.	Name	Designation	Photo
1.	Dr. Sumagna Pattnayak (Chief Jury)	Principal, BEC	
2.	Mr. Rathnakumar	Assistant Professor, JBIET	
3.	Mr. Ch. Shravan Kumar Reddy	Assistant Professor, JBIET	
4.	Ms. Kiran Pakmode	Assistant Professor, JBIET	
5.	Mr. Md. Asif	Assistant Professor, JBIET	
6.	Mr. S Sathish Kumar	Assistant Professor, JBIET	
7.	Dr. Kumar	Assistant Professor, JBIET	
8.	Dr. K Roshan	Assistant Professor, JBIET	
9.	Dr. P Srinivas Rao	Assistant Professor, JBIET	
10.	Dr. Rama	Assistant Professor, JBIET	

11.	Mrs. Gayatri Devi	Assistant Professor, JBIET	
12.	Mr. D Hemagiri	Assistant Professor, JBIET	
13.	Dr. Prasanta Pradhan	Associate Professor, JBIET	
14.	Mr. N Ramesh Babu	Associate Professor, JBIET	
15.	Mr. Shravan Kumar	Assistant Professor, JBIET	
16.	Mr. B K Muni	Assistant Professor, JBIET	
17.	Ms. G Samatha	Assistant Professor, JBIET	
18.	Ms. K Snehalata	Associate Professor, JBIET	

Participation Statistics:

Number of Teams	Total No of Participants	Number of Male Participants	Number of Female Participants	Photos
35	210	105	105	
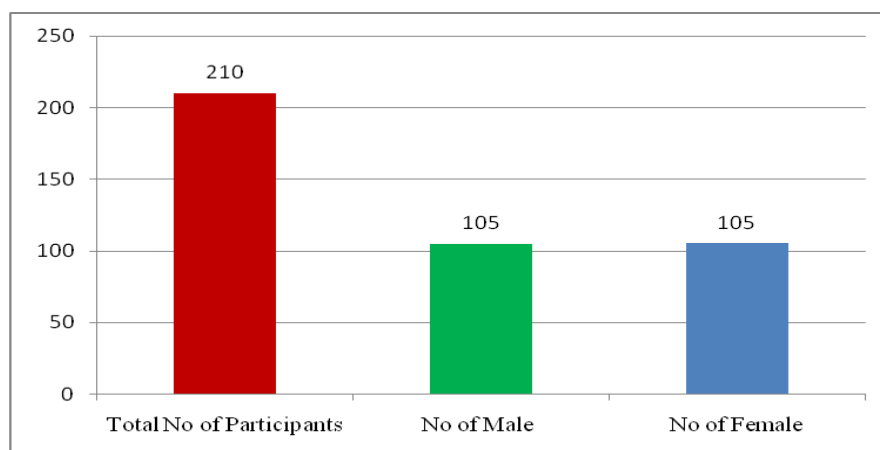
Participation Statistics

Social Media Links (Pre Event Promotion)

https://twitter.com/jbietiiic/status/1706226003390144852/photo/1

Verified by:

(Dr. Anindya Jana)
Associate Professor ECE Dept