

HACKX 2025 – Hackathon Report

(Intra-College Hackathon, J.B. Institute of Engineering and Technology, Hyderabad)

Date: 31st October 2025

Time: 10:00 AM – 06:00 PM

Venues: Central Library, AIDS Block Labs, CSE Labs, AIML Lab

1. Pre-Hackathon Planning

Prior to the event, comprehensive discussions was held on 22-10-2025 and planning sessions were conducted with stakeholders to ensure the smooth execution and success of the event. These sessions involved a coordinated effort among HoDs of CSE and allied branches, faculty, coordinators, and students to address all aspects of the event, from promotion to logistics and evaluation.

1. Dean – CSE:

The discussions with the Dean focused on the overall vision and objectives of the event, ensuring that the event aligned with the department's goals and academic standards. Key points addressed included:

- **Approval and Endorsement**: Securing the Dean's approval for the event format, timeline, and resource allocation.
- **Academic and Industry Integration**: Exploring opportunities to align the hackathon with academic objectives and industry standards.

2. HoDs of CSE and Allied Branches:

The Heads of Departments (HoDs) from the AI &DS, CSE and allied branches (such as IT, AIML, and ECM) played a crucial role in ensuring that students across various departments were encouraged to participate and given the necessary resources. Discussion points included:

- **Student Participation**: Ensuring cross-disciplinary participation by reaching out to students from related fields such as Electronics, Communication, and IT.
- **Curricular Tie-In**: Integrating the hackathon into the students' academic curriculum where applicable.



- **Team Formation**: Facilitating inter-departmental teams and encouraging students to collaborate across branches for a richer experience.
- **Support for Students**: Ensuring that students had access to necessary resources such as lab spaces, mentors, and any other academic support required during the event.

3. Faculty Coordinators:

The faculty coordinators were key in managing and overseeing the event, particularly in terms of day-to-day operations. Key discussions involved:

- Roles and Responsibilities: Delegating specific responsibilities for each faculty member, including overseeing registration, handling technical support, and providing mentorship to teams during the event.
- **Event Logistics**: Finalizing the schedule, room assignments, and ensuring that the seminar hall and other venues were prepared in advance for the event.
- **Technical Support**: Ensuring that all the necessary technical equipment, such as computers and Wi-Fi, would be in place and functioning smoothly on the day of the event.

4. Student Coordinators and Volunteers:

The student coordinators and volunteers played a critical role in the execution of the event. Detailed planning sessions were held with them to discuss their specific tasks and ensure effective coordination on the event day. Key points included:

- Roles and Assignments: Assigning each volunteer specific roles, such as
 assisting with registration, guiding participants to their respective venues, or
 managing the event's social media channels.
- **Training for Volunteers**: Organizing training sessions to make sure that all volunteers understood the event's flow, the responsibilities of each role, and how to assist participants effectively.
- **Pre-event Activities**: Coordinating pre-event activities like registration, preparing ID cards ensuring all participant details were collected and processed smoothly.
- Communication Plan: Establishing a clear communication system, so that volunteers could quickly relay information to the organizers and handle any last-minute changes on the day of the event.







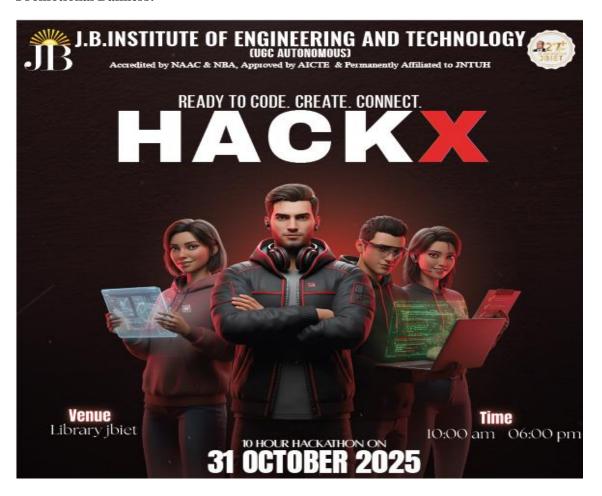
2. Campaigning and Promotion

The promotional team, primarily made up of students, drove the event's visibility through social media campaigns, creating engaging content across social media platforms. They used interactive posts, event teasers to amplify reach. Additionally, class-to-class engagement was conducted, where coordinators visited different departments to give brief presentations, ensuring all students were aware of the event. This direct engagement allowed students to ask questions and gain interest. During the event, the team continued promoting through live updates, sharing real-time moments, highlights, and interactions on social media.

Promotional Video



Promotional Banners:







3. Poster Release

The event poster release ceremony was hosted in the Seminar Hall, marking a significant milestone for the upcoming event. The Hon'ble Principal, joined by the Deans, HoDs, faculty members, and student coordinators, unveiled the poster, symbolizing the official launch. This momentous occasion generated excitement and set the tone for the event.







Main Poster for Hackathon:





3. Registrations and Team Formation

• Total Teams: 125 Total Participants: 470

• Team Composition:

3 Members per team: 29 teams4 Members per team: 96 teams

Branch-wise Distribution of Teams:

Branch	Teams
AIDS	14
AIML	25
CSM	17
CSD	15
CSE	23
IT	22
ECM	7
ECE	2
Total	125

Registration Details:

- **Registration Window**: 20th 27th October 2025
- Teams were required to submit their ideas using the official PPT template available on the JBIET website.
- Each student could participate in only one team.



5. Hackathon Day Preparation & Conduction

5.1 Event Schedule

Date: Friday, 31st October 2025
Time: 10:00 AM – 06:00 PM

• Prize Announcement: After the Evaluation Round

5.2 Hackathon Rules

Team Formation & Participation:

- Each team must consist of 3 to 4 participants
- Cross-branch and cross-year teams allowed
- All team members must be physically present throughout the event
- Participants must arrange their own travel and accommodation
- Teams will receive tea, snacks, registration kits, and goodies from organizers

Domains & Problem Statements:

Teams shall work on one official problem statement from the below mentioned details:

- 1. **EdTech** AI, gamification, digital platforms
- 2. **AgriTech** Smart agriculture, precision farming
- 3. **Healthcare** Telemedicine, diagnostics, mental health
- 4. **Data Security** Cybersecurity, encryption, identity protection
- 5. **Heritage & Culture** AR/VR, tourism tech, digital archives

Detailed document on Problem Statements

Project & Technical Guidelines:

- Projects must be original and created within the hackathon time frame.
- For software projects: provide a workflow explanation, list of programming tools, and details of the development environment.
- For hardware projects: include a block diagram and a list of components (participants must bring their own components).
- Teams must submit both the code and documentation; late submissions may be penalized.

Code of Conduct & Fair Play:

- Carry a valid college ID at all times.
- Adherence to ethical standards and professional behavior is mandatory.
- Plagiarism or any form of misconduct will result in immediate disqualification.
- The organizers' decision is final in all disputes.



Evaluation & Judging:

- Criteria: Novelty, Innovation, Technical Complexity, Clarity, Feasibility, Sustainability, Real-World Impact, User Experience (UX), and Future Potential.
- **Judges**: Industry professionals and academic experts.
- **Team Presentations**: Teams will showcase their projects, demonstrating functionality, key features, and uniqueness.

5.3 Venue-Wise Team Distribution

Venue	Lab/Block	Teams	Participants
Central Library	-	53	187
AIDS Block	Lab 101	17	67
AIDS Block	Lab 105	17	66
AIDS Block	Lab 103	7	27
CSE Labs	137, 138	9	34
AIML Lab	-	17	72

5.4 Teams' Proportions Based on Chosen Domains

Domain	Number of Teams registered	Number of Submitted the Problem Statement
Agri Tech	30	14
Data Security	39	25
Ed Tech	52	32
Health Care	43	32
Heritage & Culture	25	16



Gallery:





















Event Video -1

Event Video -2

6. Shortlisting of Teams

Teams were shortlisted based on their project submissions, including the **code repository** (GitHub) and **presentation**. Shortlisting was done for each domain individually. The process involved a thorough evaluation of the originality, technical depth, and clarity of the teams' proposals, with the top teams from each domain selected to move forward.

Domain	Number of Teams Submitted the Problem Statement	Number of Teams Shortlisted for the Final Review
Agri Tech	14	3
Data Security	25	3
Ed Tech	32	5
Health Care	32	4
Heritage & Culture	16	5
Total	119	20



Shortlisted Teams for Each Domain

Below is the table showing the shortlisted teams for each domain:

Data Security

Team Name	Team Name Team Lead Name	
Hack sc	Dindi Charan	4
Avengers Assemble	Mohammed Ishan	4
Hack'n roll	B. Suresh	4

AgriTech

Team Name	Team Lead Name	Team Size
castle	B. Vinay Goud	4
DEVX INNOVATORS	Ganapuram Arun	4
Edo Okati	Akhil Reddy	4

Health Care

Team Name	Team Lead Name	Team Size
LEADFLOW	Roshan J.	4
Coffee and confusion	Sanjana	4
NET RUNNERS	K Charan Raj	4
TeamJugaad	B. Pratiksha	4

EdTech

Team Name	Team Lead Name	Team Size
AuraX	Chetan Teja K	4
Data Diviners	Shiva Gupta	4
404 NOT FOUND	Ashwitha Reddy	3
Godlike	Sri Ramcharan	4
Tech Titans	Naveen Thadagam	4

Heritage and Culture

Team Name	Team Lead Name	Team Size
VANARA	Gandla Abhijeeth	4
HustleHer	Rachakonda Srija	3
Tech-Rangers	Shiva Teja Sagar	4
Code hustlers	M.Yashashwini sri sai vinaya	4
Culture Verse	Abdullah Fouzan	4



7. Final Review of Shortlisted Candidates

The final evaluation of the shortlisted teams was conducted by **two educational experts** and **two technical experts**. The evaluation was based on the following criteria:

- Innovation and Originality (10 marks)
- Technical Implementation (10 marks)
- User Experience and Usability (10 marks)
- Alignment with the theme (5 marks)
- Value to the Community (5 marks)
- Presentation & Demo (10 marks)

Evaluation Panel

• Educational Experts:

- o Dr. G. Sreenivaslu
- o Dr. B. Sudheer Reddy
- Technical Experts:
 - o Mr. Abbas Mohammad
 - o Mr. S. Satish Kumar

Each team's performance was scored independently by all evaluators, and the final consolidated scores were used to declare the winners.

Domain	Winner	Runner-Up
Data Security	HackSC	Avengers Assemble
Agri Tech	castle	Edo Okati
Health Care	TeamJugaad	LEADFLOW
Ed Tech	AuraX	Tech Titans
Heritage & Culture	VANARA	HustleHer

Domain: Data Security

Title: Preventing Unauthorized Access to Shared Cloud Data

WINNER

Team Name: Hack sc

Roll No.	Name	Year	Branch
24671A05F4	Charan Dindi	II	CSE
24671A05F1	Shashank Dasari	II	CSE
24671A05E9	Dakshitha Kak	II	CSE
24671A05D3	Ajitha Alamkonda	II	CSE







Domain: Data Security

Title: Cyber Security Awareness Gamification Platform

RUNNER

Team Name: Avengers Assemble

Roll No.	Name	Year	Branch
24675A0521	Mohammed Ishan	III	CSE
23671A0591	Mohammed Jawad Ali Shujah	III	CSE
23671A0590	Mohammed Hammad Yousuf	III	CSE
23671A05A0	Shaik Abrar	III	CSE





Domain : Agri Tech

Title : Agri Fintech Platform for Farmers

WINNER

Team Name : CASTLE

Roll No.	Name	Year	Branch
24671A6707	ARIKOTLA ARAVIND KUMAR	II	CSE(DS)
24671A6719	ISUKAPUDI SASI VENKAT	II	CSE(DS)
24671A6705	ALAMPALLY NITHISH REDDY	II	CSE(DS)
24671A6710	BANDARI VINAY GOUD	II	CSE(DS)





Domain : Agri Tech

Title: Unpredictable weather patterns make farming decisions difficult, leading to crop failure and income instability

RUNNER

Team Name : Edo Okati

Roll No.	Name	Year	Branch
24671A7221	Akhil Reddy	II	AI&DS
24671A7256	Bunny	II	AI&DS
24671A7247	Panyam Yasmini	II	AI&DS
25675A7203	Zoha Sultana	II	AI&DS





Domain : Health Care

Title: AI-powered health symptom checker that works online *and offline* in rural & low-resource areas.

WINNER

Team Name: Team Jugaad

Roll No.	Name	Year	Branch
24671A7213	Pratiksha Biradar	II	AI&DS
24671A7257	T.Mohommad Faisal	II	AI&DS
24671A7251	Swami Yadav	II	AI&DS
24671A7232	J. Vaishnav	II	AI&DS





Domain: Health Care

Title: AI for preventive and personalized healthcare

RUNNER

Team Name: Leaf Flow

Roll No.	Name	Year	Branch
23671A7375	ROSHAN JANAGAMA	III	AI&ML
23671A7382	KURVA DEEPTHI	III	AI&ML
23671A05B1	RAM CHARAN AERUKONDA	III	CSE
23671A7394	VINAY REDDY NALLA	III	AI&ML





Domain: ED Tech

Title: Re Teach: AI-Powered Personalized Learning

WINNER

Team Name: AURAX

Roll No.	Name	Year	Branch
24671A0579	Abhinav Ch Krishna	II	CSE
24671A0578	Chetan Teja Karri	II	CSE
24671A05D2	Abhijay Nandella	II	CSE
24671A05O6	Rayhan Pattan	II	CSE





Domain: ED Tech

Title: Smart Attendance System — AI-Powered Attendance Tracking

RUNNER

Team Name: Tech Titans Naveen

Roll No.	Name	Year	Branch
23671A1246	THADAGAM NAVEEN	III	IT
23671A1236	ORAGANTI SRINATH	III	IT
23671A1226	SHIVAPRASADH KUMMARI	III	IT
23671A1233	MOTHUKURI VENU	III	IT





Domain: Heritage & Culture

Title: Purv Vaibhav — Ancient Glory, Modern Technology

WINNER

Team Name: VANARA

Roll No.	Name	Year	Branch
23671A6620	Gandla Abhijeeth	III	CSM
23671A6655	Thammishetti Rohith	III	CSM
23671A6618	Gajula Anish	III	CSM
23671A6628	Karrolla Nishannk Nandakishore	III	CSM





Domain : Heritage & Culture

Title: Bridging the Gap Between Technology and Heritage

RUNNER

Team Name : Hustlers

Roll No.	Name	Year	Branch
24671A7249	Rachakonda Srija	II	AI&DS
24671A7222	Choudary Surakshitha	II	AI&DS
24671A7239	Kammari Navya sree	II	AI&DS





CERTIFICATES

















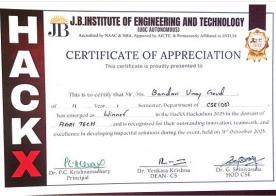














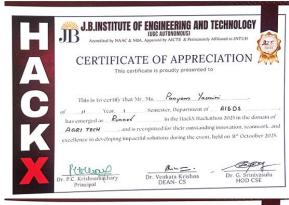










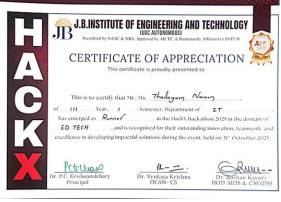














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Accredited by NAAC & NBA. Approved by AICTE & Permanently Affiliated to INTUH CERTIFICATE OF APPRECIATION This certificate is proudly presented to This is to certify that Mr. Ms. Oraganti Sxinath f III Year, I Semester, Department of IT has emerged as Report in the HackX Hackathon 2025 in the domain of . and is recognized for their outstanding innovation, teamwork, and excellence in developing impactful solutions during the event, held on 31° Octoober 2025. *Krishnamachary Dr. Roshan Kavuri HOD AIDS & CSE(DS)

Dr. Venkata Krishna DEAN- CS

J.B.INSTITUTE OF ENGINEERING AND TECHNOLOGY CERTIFICATE OF APPRECIATION This is to certify that Mr. Ms. Shiva Prosadh Kummari of 111 Year, 1 Semester, Department of ∑T has emerged as Rupne√ in the HackX Hackathon 2025 i in the HackX Hackathon 2025 in the domain of ED TECH , and is recognized for their outstanding innovation, teamwork, and seellence in developing impactful solutions during the event, held on 31" Octoober 2025. PCICULAP C. Krishnamachary Principal Dr. Roshan Kavuri HOD AIDS & CSE(DS)



























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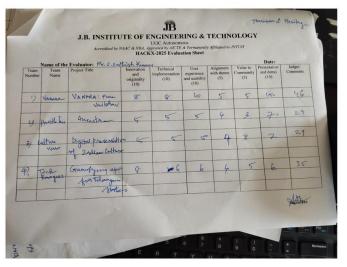






Sample Evaluation Sheet for Final Review:





6. Awards and Certificate Presentation

- **Prizes and certificates** were awarded following the evaluation of projects.
- **Winners** received awards, including cash prizes, internship opportunities, and certificates of excellence.
- **Participants** who demonstrated creativity and effort were also acknowledged with participation certificates.
- **Volunteers** and **coordinators** were recognized for their contributions to the event's success.
- Special **certificates** were given to volunteers who managed logistics, assisted teams, and ensured smooth operations.
- The award ceremony concluded with recognition for all involved, celebrating their hard work and achievements.

Sample Student Participation Certificate:





Sample Student Co-ordinator Certificate:



7. Summary & Impact Analysis

Summary:

HACKX 2025 was a resounding success, providing a platform for students to showcase their creativity, coding abilities, and problem-solving skills. The event fostered collaboration and teamwork, allowing participants to work on real-world challenges, enhancing both technical and soft skills. Students were able to turn ideas into functional prototypes, demonstrating their ability to innovate under pressure.

Impact:

- **Students**: HACKX 2025 significantly enhanced participants' coding, teamwork, and project management skills. Students gained practical experience in problemsolving, innovation, and collaboration, which will benefit them in future academic and professional endeavors.
- **Faculty**: Faculty members strengthened their mentorship and evaluation experience, providing guidance and feedback while evaluating complex, realworld projects. This enhanced their involvement in student development and bridged the gap between academia and industry standards.
- **Institution**: The event boosted the institution's innovation culture, promoting a strong technical ecosystem and encouraging future generations of students to

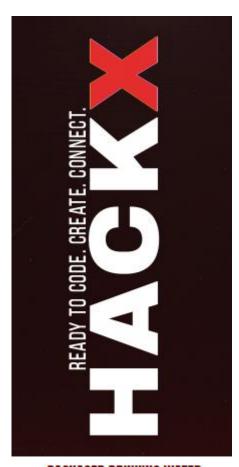


engage in creative, solution-driven activities. It positioned the institution as a hub of innovation and excellence in technology.

8. Feedback & Gallery

Students provided positive feedback regarding the organization of HACKX 2025, praising the smooth registration process, well-structured event flow, and timely support from volunteers and coordinators. Many also highlighted the learning experience, noting how the event challenged their skills, encouraged teamwork, and offered valuable insights into real-world problem-solving.

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Feedback Video-1

Feedback Video-2

Feedback Video-3

Feedback Video-4

Feedback Video-5

Feedback Video-6



9. Conclusion

HACKX 2025 was a highly successful intra-college hackathon that brought together students from diverse technical backgrounds to collaborate, innovate, and solve real-world problems. The event fostered creativity, teamwork, and hands-on experience, allowing participants to showcase their coding, design, and problem-solving abilities. With domains ranging from EdTech to Data Security, the hackathon provided a platform for students to explore cutting-edge technologies. The meticulous planning, effective promotion, and smooth execution contributed to its success. Overall, HACKX 2025 significantly enhanced student learning, bridging the gap between academia and industry, while positioning JBIET as a hub for technological innovation.