SHRI G. S. INSTITUTE OF TECHNOLOGY AND SCIENCE, INDORE

Department of Computer Engineering
AAROHAN
(SGSITS TechFest 2025)

Event Report: Project Expo
Coordinator: Prof. Surendra Gupta
Co-Coordinator: Ms. Neha Mehra

Introduction

The Department of Computer Engineering, SGSITS, organized the Project Expo as part of Aarohan 2025 - SGSITS Annual Tech Fest. The event provided an opportunity for students to present their innovative projects, creativity, and gain industry and academic feedback.

The expo began with a welcome address, followed by project displays covering areas such as Artificial Intelligence, IoT, Smart Agriculture, and Cybersecurity. The judging process was conducted by Mr. Sudarshan Varma, Director of Technology from ADVANZ101 Business Systems Inc, Indore, who evaluated the projects using a set of Rubrics.

Evaluation Criteria

Projects were assessed on a set of Rubrics covering problem-solving, execution, and communication:

1. **Problem Definition & Significance** – Clarity and importance of the problem.
2. **Technical Depth** – Complexity and advancement of concepts.
3. **Innovation & Originality** – Novelty of the solution.
4. **System Design** – Soundness and scalability of architecture.
5. **Functionality & Reliability** – Consistency of working model.
6. **Implementation Quality** – Code cleanliness and hardware assembly.
7. **Thoroughness & Testing** – Rigorous evaluation and edge cases.
8. **Clarity of Explanation** – Effectiveness in communicating to varied audiences.
9. **Visuals & Demonstration** – Quality of demo and presentation.
10. **Documentation** – Completeness and organization of project records.
11. **Teamwork** – Collaboration among members in group projects.

Participation and Visitors

- **Students:** B.Tech 1st, 2nd, and 3rd-year students attended, interacting actively with participants and gaining exposure to advanced project development and learning from live demonstrations.

- **Faculty:** Faculty members from other departments also attended, providing interdisciplinary perspectives and constructive suggestions.

Results

1. **Top 3 Winners:** Recognized with prizes and certificate.

Winner	**Students**	**Topic**
1	0801CS221036-Ashu Singh 0801CS221071-Jigyasa Dhok 0801CS221075-Kritika Sharma 0801CS221087-Mansi Kushwah 0801CS221089-Mehak Gupta	Dataset Creation and Classification of Soyabean Seeds
2	0801CS221126-Satyam kumar 0801CS221140-Suhani Gupta 0801CS221162-Yukta tumbekar 0801CS233D02-Chiya dolly Shrivastava 0801CS233D11-Yashmin Mohare	LinkedIn Faux Post Detection using Machine Learning Algorithms
3	0801CS221111-Prateek khandekar 0801CS221114-Purvi porwal 0801CS221120-Rishita Sharma 0801CS221134 -Shiwang Sharma 0801CS221172-Tanya Agrawal	AI-Powered Plant Leaf Analysis for Healthcare

2. **Consolation Groups:** Appreciated for their creativity and effort.

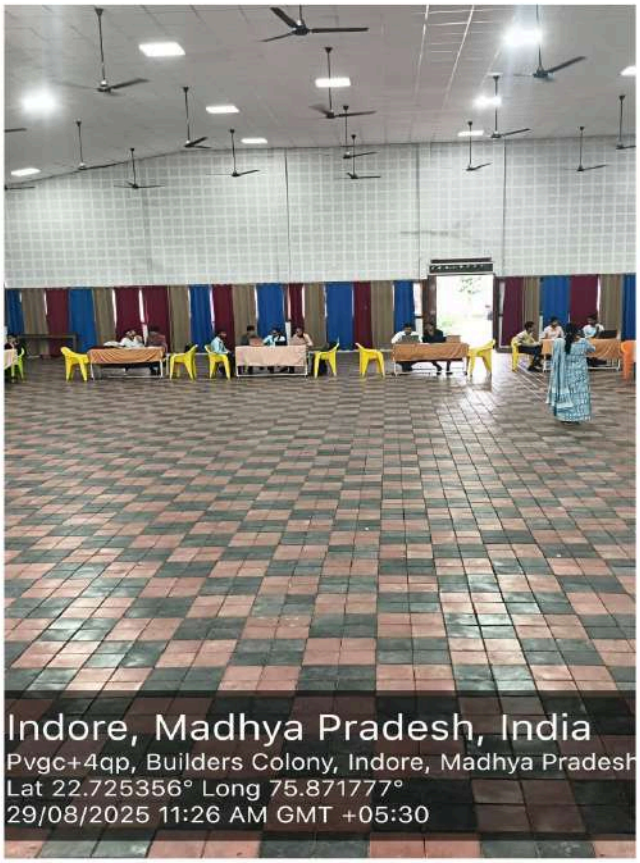
	Students	**Topic**
1	0801CS221014-Akshat Pandya 0801CS221034-Arin Jain 0801CS221037-Atharva Maddhav 0801CS221085-Manas Maheshwari 0801CS221095-Nandini Patel	Mellow- A social media application for mental wellness and growth

2	0801CS221110-Pranav Sodani 0801CS221143-Swapnil Joshi 0801CS221158-Vishesh Vaidya 0801CS221166-Chitransh Guha 0801CS221171-Pranav Sharma	EchoVision(visually-impaired individuals understand and navigate their surroundings by providing real-time feedback)

Photography Highlights

Event photography captured key moments

1. **Project displays by student teams.**



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2. Judge Mr. Sudarshan Varma interacting with participants.

3. Faculty visiting stalls.

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4. **Students from different years visiting stalls.**

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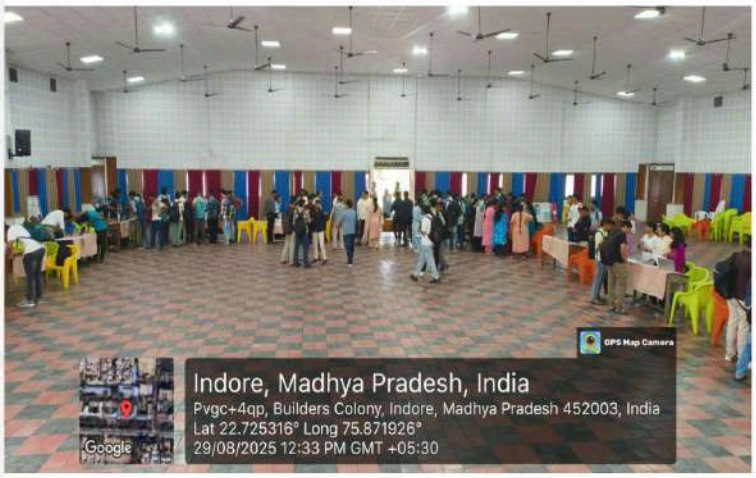
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5. Announcement of winners and prize distribution.

6. **Memento presented to Judge.**

7. Group Photographs

The Project Expo 2025 under Aarohan was a success, fulfilling its objective of innovation, creativity, and technical excellence. Junior batches were motivated and gained exposure to project development practices. Faculty insights enriched interdisciplinary knowledge. Industry-oriented evaluation strengthened the practical relevance of projects.The event concluded with appreciation for participants and encouragement for future editions.