

## Internal Hackathon Report for SIH 2025

### 1. Event Overview:

The **Smart India Hackathon (SIH) 2025** is a flagship nationwide initiative launched by the Ministry of Education's Innovation Cell and AICTE to provide students with a platform to work on innovative solutions for real-world challenges. It not only encourages creativity and critical thinking but also nurtures a problem-solving mindset and product-oriented innovation among young minds.

Since its inception in 2017, SIH has grown to become the largest open innovation model in the world, engaging lakhs of students from diverse disciplines. The announcement for **SIH 2025** was officially made on 28th August 2025, with the opening of SPOC registrations and idea submissions.

In line with this initiative, St. Aloysius College (Autonomous), Jabalpur, under the banner of the Institution's Innovation Council (IIC), organized its **Internal Hackathon 2025 (Software Edition)** on 27th September 2025. The event was coordinated by College SPOC **Mrs. Anjali Keshwani (Department of Computer Science)**.

The program was successfully conducted in the **Computer Science Department – Lab 1**, with the active participation of faculty members, invited judges, and student teams who enthusiastically presented their innovative ideas.

### 2. Objectives :

The Internal Hackathon was conducted with the following objectives:

- i) **Selection of Teams** – To identify and shortlist the best teams from St. Aloysius College (Autonomous), Jabalpur for participation in the **Smart India Hackathon 2025 Grand Finale (Software Edition)**.
- ii) **Encouraging Innovation** – To inspire students to think creatively and develop practical, technology-driven solutions to real-world problems.
- iii) **Hands-on Learning Experience** – To provide students with exposure to project-based learning, teamwork, and presentation skills.
- iv) **Teamwork & Collaboration** – To foster a culture of working together in diverse teams and developing problem-solving abilities.
- v) **Promoting Research & Product Development** – To cultivate an innovation-driven mindset and motivate students towards building impactful prototypes and products.

### 3. Problem Statements

The following problem statements were addressed by the student teams during the **Internal Hackathon 2025 (Software Edition)**:

Team No.	Team Name	Problem Statement ID	Problem Statement Title
1	D-CODE	SIH25046	Smart Waste Segregation and Recycling System
2	SwasthyaSetu	SIH25018	Telemedicine Access for Rural Healthcare in Nabha
3	Forbidden Code	SIH25005	Image based Animal Type Classification for cattle and buffaloes
4	The Problem Solver	SIH25017	Digital Platform for Centralized Alumni Data Management and Engagement

### 4. Event Glimpses

To capture the spirit of the **Internal Hackathon 2025 (Software Edition)**, photographs were taken during various stages of the event:

- Registration and Welcome of Judges
- Team Presentations in **Computer Science Department – Lab 1**
- Judges evaluating and interacting with teams
- Group photo with judges, faculty, and participants

👉 Selected event photos are attached below:

### 5. Judging Process

The judging process for the **Internal Hackathon 2025 (Software Edition)** was conducted in a fair and transparent manner under the supervision of the faculty coordinators and the appointed judging panel.

- A total of **4 judges** were invited from academic and professional backgrounds to evaluate the participating teams.

- Each team was allotted **7–10 minutes** for their presentation, followed by a **Q&A session** with the judges.
- Teams were required to clearly present their selected **Problem Statement ID & Title, Project Idea, Proposed Solution, Technology Stack, and Expected Outcomes.**
- Judges evaluated the teams using a standardized **Judgement Sheet** prepared by the college, which included the following criteria:
  1. Relevance to SIH Problem Statement (25 marks)
  2. Innovation & Originality (25 marks)
  3. Feasibility (Technical + Time) (20 marks)
  4. Impact & Usefulness (20 marks)
  5. Presentation & Clarity (10 marks)
- Based on the total scores and panel discussions, the **top 3 teams** were shortlisted for SIH 2025 finals, while **1 team** was placed on the waiting list.

This structured evaluation ensured that the most innovative, feasible, and impactful ideas were chosen to represent the college at the national level.



