

# **College of Engineering and Management, Kolaghat, West Bengal, India**



***Subject: A comprehensive technical report on Internal Evaluation for Innovative Projects of SIH2025 held on September 20, 2025, detailing the structure, participation, and outcomes of the event.***

**Report prepared by:**

*Prof. Soumitra De (Convener, TAC, CEMK)*

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*Prof. Siddhartha Chatterjee (SPOC-SIH 2025, CEMK)*

**Date:** September 24, 2025

# Technical Report on Smart India Hackathon 2025

*(Internal Evaluation for Innovative Projects)*

**Date of Event:** 20th September 2025

**Venue:** College of Engineering & Management, Kolaghat

**Organized by:** Technical Activities Committee in association with Institution's Innovation Council, CEMK

## 1.0 Executive Summary

Technical Activities Committee in association with Institution's Innovation Council, CEMK, successfully conducted the **Internal Evaluation for Innovative Projects of SIH 2025** on **20th September 2025**. This event served as the intra-college evaluation platform for innovative projects proposed by student teams, aimed at addressing real-world problem statements.

The hackathon provided a structured avenue for students to demonstrate innovation, technical competency, and collaborative problem-solving. The evaluation further helped shortlist teams for participation in the national-level **Smart India Hackathon 2025**.

## 2.0 Objectives of the Event

- To provide students a platform to present innovative, problem-solving project ideas.
- To foster creativity, technical thinking, and collaboration in multidisciplinary teams.
- To evaluate projects for alignment with industry and societal needs.
- To identify promising teams for further mentoring and representation in the national SIH.

## 3.0 Event Structure

The event was conducted in three individuals' labs W301, W302 and W307A. Each team submitted and presented their project idea before the panel of evaluators. The focus on problem identification, proposed solutions and implementation feasibility. Shortlisted teams underwent a detailed Q&A and technical scrutiny session. Faculty and external experts evaluated projects based on innovation, feasibility, societal impact and technical soundness.

## 4.0 Key Highlights

- **Date:** 20th September 2025
- **Venue:** CEMK Campus
- **Organizing Body:** Technical Activities Committee & Institution's Innovation Council (IIC), CEMK
- **Participants:** Multidisciplinary student teams from various departments (CSE, IT, AIML, ECE, EE).
- **Judging Panel:** Senior faculty and industry representatives.



## 5.0 Outcomes

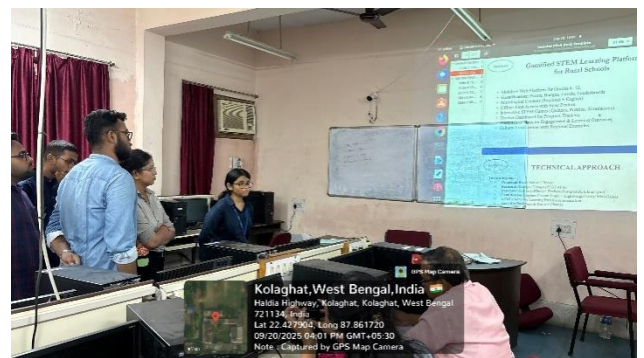
- Multiple project ideas were presented spanning software, hardware, and AI/ML applications.
- The event fostered teamwork, critical thinking, and innovative problem-solving among students.
- Top teams were identified for mentoring and recommended for the **Smart India Hackathon 2025 National Level**.

| Sl | Group No/ID | Group Name            | Group Leader's Name   | Group Leader's Contact No. | Group Leader's College Roll | Group Leader's College Email | Evaluation Details (40 Marks) |              |                 |
|----|-------------|-----------------------|-----------------------|----------------------------|-----------------------------|------------------------------|-------------------------------|--------------|-----------------|
|    |             |                       |                       |                            |                             |                              | Judge-1 (20)                  | Judge-2 (20) | Total Maks (40) |
| 1  | 5           | CODE REFLEX           | Sk Habib Hossain      | 8609270502                 | CSE/23/118                  | cse23118@cemk.ac.in          | 18                            | 18.5         | 36.5            |
| 2  | 30          | Astro Nudge           | Sayantan Paul         | 8317852507                 | CSE/22/100                  | cse22100@cemk.ac.in          | 18                            | 18           | 36              |
| 3  | 28          | SUPER6                | Dikpal Mandal         | 7407430171                 | CSE/23/192                  | cse23192@cemk.ac.in          | 16                            | 18           | 34              |
| 4  | 2           | AI AVENGERS           | Ranit Rajak           | 8116902404                 | AIML/23/11                  | aiml2311@cemk.ac.in          | 17                            | 16           | 33              |
| 5  | 31          | TRIAGE-X              | Prerana Laha          | 7602222825                 | CSE/22/139                  | cse22139@cemk.ac.in          | 15.5                          | 15           | 30.5            |
| 6  | 33          | UniSolvers            | Subhrangsu Das        | 7908957796                 | CSE/23/115                  | cse23115@cemk.ac.in          | 15.5                          | 15           | 30.5            |
| 7  | 27          | Ready2innovate        | Suvranil Dhara        | 7872473788                 | CSE/23/156                  | cse23156@cemk.ac.in          | 14                            | 16           | 30              |
| 8  | 23          | ARTGORITHM            | Sayanika Mondal       | 8609279906                 | CSE/22/015                  | cse22015@cemk.ac.in          | 15.5                          | 14           | 29.5            |
| 9  | 32          | Team TechnoBrain      | Kalyanmay Chakraborty | 8653923627                 | AIML/23/37                  | aiml2337@cemk.ac.in          | 15.5                          | 14           | 29.5            |
| 10 | 1           | Medisnap              | Prapti Sengupta       | 8388890863                 | CSE/24/061                  | cse24061@cemk.ac.in          | 15                            | 14           | 29              |
| 11 | 34          | Agrimind              | Anish Kanrar          | 9088302729                 | CSE/22/033                  | cse22033@cemk.ac.in          | 12.5                          | 16           | 28.5            |
| 12 | 6           | Runtime Rookies       | Sayak Bhattacharya    | 8240538201                 | CSE/23/089                  | cse23089@cemk.ac.in          | 13                            | 15           | 28              |
| 13 | 25          | Code rumbling         | Ranit Das             | 7550944957                 | CSE/23/119                  | cse23119@cemk.ac.in          | 14                            | 14           | 28              |
| 14 | 26          | Innovative Developers | Arghadeep Chakraborty | 9836240977                 | CSE/23/136                  | cse23136@cemk.ac.in          | 13                            | 15           | 28              |
| 15 | 7           | InnovateX             | Swadhin Ghosh         | 8327412357                 | CSE/23/096                  | cse23096@cemk.ac.in          | 14                            | 13.5         | 27.5            |
| 16 | 8           | Code4Cause            | Ajoy Dhara            | 7029268634                 | CSE/24/135                  | cse24135@cemk.ac.in          | 16                            | 11           | 27              |
| 17 | 3           | Svadhithana           | Soujit Roy            | 9907378191                 | CSE/23/125                  | cse23125@cemk.ac.in          | 13                            | 13           | 26              |
| 18 | 4           | Team Mountain         | Soumitra Sahoo        | 9382011157                 | CSE/23/044                  | cse23044@cemk.ac.in          | 13                            | 12           | 25              |
| 19 | 9           | Hackxcel              | Tapobrata Sau         | 9932712585                 | CSE/22/094                  | cse22094@cemk.ac.in          | 15                            | 10           | 25              |
| 20 | 29          | Phoenix               | Subrata Roy           | 7908449014                 | CSE/22/191                  | cse22191@cemk.ac.in          | 13                            | 12           | 25              |
| 21 | 10          | Quantum Coders        | Souvik Majhi          | 6290609830                 | CSE/24/134                  | Cse24134@cemk.ac.in          | 12                            | 12           | 24              |
| 22 | 24          | ORATO                 | Ritam Jana            | 6297195842                 | ECE/23/001                  | ece23001@cemk.ac.in          | 13                            | 11           | 24              |
| 23 | 11          | VISION CODERS         | Snehasis Chatterjee   | 6294712619                 | AIML/23/53                  | aiml2353@cemk.ac.in          | 11                            | 10           | 21              |
| 24 | 17          | Outlier               | Amritesh Das          | 9046419235                 | AIML/23/01                  | aiml2301@cemk.ac.in          | 8                             | 8            | 16              |
| 25 | 13          | Eureka                | Partha Sarathi Manna  | 9641884426                 | CSE/22/004                  | cse22004@cemk.ac.in          | 5                             | 7            | 12              |
| 26 | 21          | Team GALAXY           | Nayana Manna          | 9907479312                 | CSE/23/145                  | cse23145@cemk.ac.in          | 3                             | 9            | 12              |
| 27 | 20          | TECHBYTE              | Sanket De             | 7628026987                 | CSE/24/122                  | cse24122@cemk.ac.in          | 4.5                           | 7            | 11.5            |
| 28 | 18          | HackNova              | Somoshree Pramanik    | 9382607840                 | CSE/22/027                  | cse22027@cemk.ac.in          | 3.5                           | 6            | 9.5             |
| 29 | 19          | Innovative Thinkers   | Tirtha Samanta        | 8436516500                 | CSE/22/021                  | cse22021@cemk.ac.in          | 3                             | 6.5          | 9.5             |
| 30 | 12          | Tech Shaastra         | Suvajit Mondal        | 7044660168                 | IT/23/37                    | it2337@cemk.ac.in            | 4                             | 5            | 9               |
| 31 | 15          | Team L-69             | Sayandip Bera         | 9832285609                 | ECE/22/18                   | ece2218@cemk.ac.in           | 3                             | 5            | 8               |
| 32 | 22          | IMPOSTERS             | Siddhartha Bose       | 7602048010                 | AIML/23/23                  | aiml2323@cemk.ac.in          | 3                             | 5            | 8               |
| 33 | 16          | Team Dynamix          | Apurba Das            | 9163950523                 | CSE/23/047                  | cse23047@cemk.ac.in          | 4.5                           | 3            | 7.5             |
| 34 | 14          | ALGONAUTS             | Pritam Singh          | 9330081427                 | AIML/24/012                 | aiml24012@cemk.ac.in         | 4                             | 3            | 7               |

## 6.0 Role of the Organizers

- The **Technical Activities Committee** managed registrations, scheduling, and coordination.
- The **Institution's Innovation Council (IIC)** guided project alignment with SIH guidelines.
- Faculty mentors provided constructive feedback.
- The following faculty members were posed as judges segregated into 3 panels.
  1. Panel 1 at W301
    - A. Prof. Dr. Lipika Datta
    - B. Prof. Poulami Mishra
  2. Panel 2 at W303
    - A. Prof. Dr. Chinmay Maiti
    - B. Prof. Arijita Ghosh
  3. Panel 3 at W307A
    - A. Prof. Dr. Jaydev Mishra
    - B. Prof. Suity Roy

## 7.0 Snapshots





## 8.0 Conclusion

The **Smart India Hackathon 2025 (Internal Evaluation for Innovative Projects)** was a resounding success. It highlighted the creativity, dedication, and technical expertise of students at the College of Engineering and Management, Kolaghat. The event not only prepared students for national-level participation but also reaffirmed the institution's commitment to fostering innovation and entrepreneurship.