GUJARAT TECHNOLOGICAL UNIVERSITY
AN INTERNATIONAL INNOVATIVE UNIVERSITY
(Accredited with A+ Grade by NAAC)
State Government University

GTU ventures

SSIP

Report of

Gujarat Technological University

INTERNAL SMART INDIA HACKATHON (SIH) 2026

Date: 19/09/2026

Made By
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Gujarat Technological University

INTERNAL SMART INDIA HACKATHON (SIH) 2026

Introduction

Gujarat Technological University (GTU) organized the Internal Smart India Hackathon (SIH) 2026 as an institutional-level platform to encourage students to identify real-world challenges, develop innovative technology-based solutions, and demonstrate their technical capabilities.

The Internal Hackathon was conducted as part of the selection and preparation process for Smart India Hackathon (SIH) 2026. Students from different disciplines participated in teams and worked on problem statements released under the SIH framework.

The event provided students with an opportunity to apply their knowledge of Artificial Intelligence, Machine Learning, Software Development, Hardware, IoT, Cybersecurity, Agriculture, Healthcare, Transportation, Safety, and other emerging technologies to solve practical problems.

Participation Statistics

The Internal Hackathon received significant participation from students across the university and participating institutions. A total of 134 teams, comprising 804 students, participated in the event and worked on 78 Problem Statements (PSIDs).

Key Participation Statistics

- Total Teams: 134
- Total Students: 804
- Male Students: 480
- Female Students: 324
- Total Problem Statements (PSIDs): 78
- Average Students per Team: 6 students

Gender-wise Participation

Out of the total 804 student participants, 480 were male students, representing 59.70% of the total participation, while 324 were female students, representing 40.30%.

Team-wise Statistics

The average team size was 6 students per team, calculated from 804 students across 134 teams. The participating teams collectively addressed 78 different Problem Statements, resulting in an average of approximately 1.72 teams per Problem Statement.

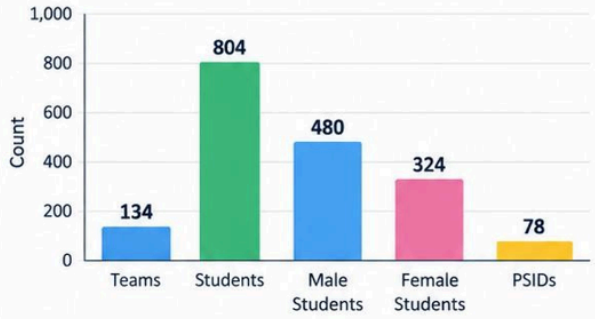
PARTICIPATION STATISTICS

Internal Hackathon 2026

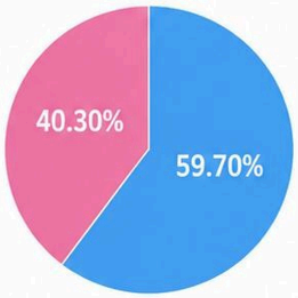
The Internal Hackathon received significant participation from students across the university and participating institutions.

134	804	480	324	78	6
Total Teams	Total Students	Male Students	Female Students	Problem Statements (PSIDs)	Average Students per Team
One Hundred Thirty-Four Teams	Eight Hundred Four Students	Four Hundred Eighty Male Students	Three Hundred Twenty-Four Female Students	Seventy-Eight Problem Statements	Six Students per Team

Key Participation Numbers



Gender-wise Student Participation



Male Students
480 (59.70%)

Female Students
324 (40.30%)

Total Students
804 (100%)

Average Team Size
6
Students per Team
(Six Students per Team)

Teams per PSID
1.72
Teams per Problem Statement
(One Point Seven Two Teams per PSID)

Total PSIDs
78
Problem Statements
(Seventy-Eight Problem Statements)

A total of **134 teams**, comprising **804 students (480 male** and **324 female)**, participated in the Internal Hackathon, working on **78 problem statements**, with an average team size of **6 students**.

Objectives of the Internal Hackathon

The major objectives of the Internal Hackathon were:

1. To promote innovation and creativity among students.
2. To provide students with hands-on experience in solving real-world problems.
3. To encourage interdisciplinary teamwork and collaborative problem-solving.
4. To develop technology-based solutions for SIH problem statements.
5. To provide students with an opportunity to demonstrate working prototypes and software solutions.
6. To evaluate the technical feasibility, innovation, and effectiveness of proposed solutions.
7. To identify promising teams for further participation in Smart India Hackathon 2026.
8. To strengthen the institutional innovation and entrepreneurship ecosystem.










GPS Map Camera
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4h4v+f63 Gujarat Technological University, Nigam Nagar Office, Gujarat State Highway 71, Near Visat Three Roads, Nigam Nagar, Chandkheda, Ahmedabad, Gujarat 382424, India
Lat 23.106298° Long 72.593838°
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Academic block -2, GTU Ventures, Gujarat Technological University Campus, Nigam Nagar, Chandkheda, Ahmedabad, Gujarat 382424, India
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Lat 23.106325° Long 72.593864°
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