

**Panipat Institute of Engineering and Technology  
Samalkha, Panipat**



**Grand Finale**

**of**

**SMART INDIA HACKATHON 2019**

**held on**

**March 2 & 3, 2019**

## SMART INDIA HACKATHON 2019



### Enclosure:

1. About the event
2. Photos of the event organized
3. Pictures of all participating teams
4. Judging process
5. Students participated and photos
6. News article

### ***1. About the Event***

The Grand Finale of the **Smart India Hackathon (SIH) 2019**—Software Edition was a major event in the Indian innovation ecosystem, held on **March 2-3, 2019**. This prestigious event was hosted by the **Panipat Institute of Engineering & Technology (PIET), Samalkha**, one of the prominent engineering institutes in the region.



- **About Smart India Hackathon**

The **Smart India Hackathon**, an initiative by the **Ministry of Human Resource Development (MHRD)** in collaboration with **AICTE** and various other ministries, is a nationwide platform for students to showcase their innovative skills. SIH is the world's biggest hackathon and aims to encourage young minds to solve real-world problems presented by government bodies, industries, and NGOs through technology-driven solutions.

The event is divided into two editions:

1. **Software Edition**—focused on software-based problem-solving.
2. **Hardware Edition**—focused on physical innovations and products.

PIET was one of the prestigious institutions selected as a **Nodal Center** to host the Software Edition of the SIH 2019 Grand Finale. Over 200 students from engineering colleges across India participated, competing against each other to develop innovative software solutions. The event lasted for 36 hours of continuous coding, brainstorming, and problem-solving.



During this intense coding marathon, students worked in teams to tackle various problem statements provided by government ministries and industry partners. Each team was given a real-world issue to solve using their coding and software development skills. The problem statements spanned a wide array of topics such as healthcare, education, environment, agriculture, finance, and public welfare.

### Highlights of the Event

- **Problem-Solving Focus:** Participants addressed more than 500 problem statements, providing innovative solutions across sectors like healthcare, finance, and public administration.
- **Expert Mentorship:** Each team was provided with mentors who guided them throughout the event, helping them refine their ideas and solutions.
- **Judging and Evaluation:** Industry experts and government officials served as judges, evaluating the teams based on innovation, scalability, feasibility, and practicality of their solutions.
- **Showcase of Innovation:** The event was not only a competition but also a platform for students to demonstrate their creative problem-solving approaches.



## Eminent Guests and Closing Ceremony



The event saw the presence of several **eminent personalities** from academia, government, and industry. These included top-level officials from MHRD, AICTE, and other government bodies. The event culminated in a **grand closing ceremony** where the top teams were awarded prizes for their outstanding performance.



The winning solutions stood out for their potential to make a significant impact on society by addressing critical issues through technology



The **Grand Finale of SIH 2019 at PIET** was a massive success, demonstrating the talent and creativity of Indian youth. It reinforced the importance of collaboration between academia, industry, and government in solving national and global challenges using technological innovation.

Smart India Hackathon (SIH) is a yearly, national level competitive platform, initiated by MHRD in year 2017, to inculcate the culture of innovation in Technology students. Teams from all over India participate in the event and provide solutions to problems. The problem statements in SIH 2024 are categorised in hardware and software challenges, suggested by various government bodies, including State Governments, Central Ministries, Industry experts, and innovative students. A special category i.e., student innovation that covers topics such as smart education, disaster management, blockchain, and cybersecurity is also introduced.