

"IIT Hyderabad Hosts Grand Finale of Smart India Hackathon 2024 with a Focus on Agricultural Innovation"

Highlights :

- *IIT Hyderabad is proud to host grand finale of the 7th edition of the Smart India Hackathon (SIH) - Software Edition on 11th and 12th December 2024.*
- *IIT Hyderabad has been selected as the host Institution for this prestigious event*
- *The event will be inaugurated virtually by Union Minister for Education, Shri Dharmendra Pradhan.*
- *IIT Hyderabad is hosting the SIH Grand Finale for the first time, focusing on the theme of "Agriculture"*

Hyderabad: 8th December, 2024: IIT Hyderabad (IITH) is proud to host grand finale of the 7th edition of the Smart India Hackathon (SIH) - Software Edition on 11th and 12th December 2024 under the aegis of the Ministry of Education and AICTE. This year, SIH is being held simultaneously across 51 centres nationwide, with IITH serving as a host for the first time. **The event will be inaugurated virtually by Union Minister for Education, Shri Dharmendra Pradhan. Dr Ch. Srinivasa Rao, Director of NAARM, will grace the occasion as the Chief Guest at IITH.** The program will be led by Prof. B.S. Murty, Director of IIT Hyderabad, along with Prof. C. Malla Reddy, Dean of Innovation, Translation, and Startups.

Prof. B.S. Murty highlighted the significance of the event, stating, *"The Smart India Hackathon (SIH) is a transformative initiative by the Government of India that bridges the aspirations of India's youth with the nation's vision for Viksit Bharat 2047. More than just a competition, SIH is a dynamic platform that fosters innovation, entrepreneurship, and creative problem-solving—critical drivers for shaping the future of education and industry. Encouraging students to address real-world challenges lies at the core of SIH's mission. By solving critical issues in areas like agriculture, healthcare, sustainability, and technology, students create solutions that are practical, scalable, and socially impactful. These efforts have a ripple effect, benefiting local communities while positioning India as a global leader in innovation."*

Prof. C. Malla Reddy, Dean of Innovation, Translation, and Startups, extended a warm welcome to all participants, expressing his enthusiasm for their contributions to the event. He remarked, *"IITH is honored to host the SIH Grand Finale for the first time, with a special focus on the theme of Agriculture. This emphasis underscores our commitment to addressing critical challenges in this sector and driving impactful solutions through innovation and collaboration"*

SIH Grand Finale at IIT Hyderabad:

IITH is proudly hosting the SIH Grand Finale for the first time, focusing on the theme of **"Agriculture"**.

Participants will tackle four key problem statements:

1. **Mobile App for Direct Market Access for Farmers**
2. **AI-Driven Crop Disease Prediction and Management System**
3. **Sustainable Fertilizer Usage Optimizer for Higher Yield**
4. **Assured Contract Farming System for Stable Market Access**

A total of 26 teams, consisting of over 200 participants and mentors from across the nation, will collaborate to address these challenges. Four winning teams will be honored with a cash prize of one lakh rupees each, which will be awarded by the Chief Guest during the valedictory function on 12th December 2024.

About SIH:

Smart India Hackathon, a flagship initiative of the Government of India, provides students with a platform to tackle real-world challenges, fostering a culture of innovation and problem-solving. As in previous editions, participants will address problem statements submitted by Ministries, Departments, Industries, or propose ideas under the Student Innovation Category across 17 thematic areas of national importance.

For SIH 2024, over 250 problem statements have been contributed by 54 Ministries, Departments, State Governments, PSUs, and Industries. This edition marks a significant milestone with a 240% increase in

institute-level hackathons, rising from 900 in 2023 to 2247 in 2024, making it the largest edition yet. An impressive 86,000 teams participated at the institute level, with 49,000 teams (each comprising six students and two mentors) advancing to the national round.

The SIH Grand Finale fosters direct interaction between students, educators, and officials from various Ministries and government departments, creating a unique and enriching platform for all stakeholders. This year's hackathon focuses on 17 major areas aligned with sectors of national importance, including Healthcare, Smart Technologies, Sustainability, Education, Agriculture, Emerging Technologies, and more.

For More Information:

<https://www.sih.gov.in/>

<https://alumni.mic.gov.in/>



About IIT Hyderabad:

IITH, established in 2008, as one of the second Generation IITs, has reached a respectable position in both academics, research, technology development and startups in the short span of 16 years. In the recent Indian National Ranking (NIRF-2024), IITH is placed at 3rd in Innovation and 8th among Engineering institutes in India.

It has 320+ full-time faculty, 5,300+ students (PG + PhD students accounting for about 60%). The institute has a strong research focus with Rs. 1300+ Cr of R&D funding, 11,000+ publications, 420+ Patents, and about 260+ startups (that have generated 1100+ jobs and a revenue of Rs. 1500+ Cr). Follow us on [Instagram](#), [LinkedIn](#), [Twitter](#), [Facebook](#), [Koo](#), and [YouTube](#) for the latest updates.

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