



Smart India Hackathon

Why in News?

The Prime Minister of India addressed the **Grand Finale of Smart India Hackathon 2022** via video conferencing.

What is the Smart India Hackathon?

▪ About:

- Smart India Hackathon (SIH) was **started in the year 2017**.
- Smart India Hackathon is a **nationwide initiative** to provide students with a **platform to solve some of the pressing problems** we face in our daily lives, and thus **inculcate a culture of product innovation and a mindset of problem-solving**.
 - SIH has been conducted every year since 2017 in two formats, **SIH Software and SIH Hardware Editions** for higher education students.
 - The first four editions SIH2017, SIH2018, SIH2019 and SIH2020 proved to be **extremely successful in promoting innovation out-of-the-box thinking** in young minds, especially engineering students from across India.
- Smart India Hackathon is an initiative by the **Ministry of Education, All India Council for Technical Education (AICTE)**, Persistent Systems and Inter Institutional Inclusive Innovation Centre (i4C).

▪ Aim:

- It aims to inculcate the **culture of product innovation, problem-solving and out-of-the-box thinking among students**.

▪ SIH 2022:

- The number of teams registered for SIH has seen a four-fold growth from around **7,500 in the first edition to about 29,600 in the ongoing fifth (2022) edition**.
- More than 15,000 students and mentors are travelling to the 75 nodal centres to take part in the SIH 2022 grand finale.
- Students from over 2900 schools and 2200 Higher Education Institutions will tackle 476 problem statements from across 53 Union Ministries in the finale, including **Optical Character Recognition (OCR)** of Temple inscriptions and **translations in Devanagari Scripts, IoT-enabled risk monitoring system** in Cold Supply Chain for perishable food items, **High-resolution 3D model of terrain, infrastructure and roads conditions in disaster struck areas, etc.**
- This year, **Smart India Hackathon - Junior** has also been introduced as a pilot for school students to build a culture of innovation and develop problem-solving attitude at the school level.

[Source: PIB](#)

