

SheSTEM 2024

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About SheSTEM 2024:

- SheSTEM is an **annual event by Atal Innovation Mission (AIM), and the Office of Science and Innovation**, at the **Embassy of Sweden**.
- It **celebrates the contributions of women in STEM** and serves as a **catalyst to inspire the next generation of innovators** by encouraging young minds **to explore careers in science, technology, engineering, and mathematics (STEM)**.
- The **SheSTEM 2024 challenge invited students from grades 6-12 across India to submit innovative ideas focused on Battery Technology and Energy Storage (BEST) systems**.
- **Part of the India-Nordic BEST project**, the challenge aims to foster sustainability by advancing energy solutions.

- Participants were tasked with presenting their prototypes or concepts for energy storage and sustainability in a two-minute video format.
- The competition received an exceptional response, with over 1000 submissions demonstrating the creativity, problem-solving skills, and forward-thinking mindset of India's youth.
- SheSTEM 2024 provided a platform for students to engage with critical STEM topics and contribute to global sustainability efforts.

Key Facts about Atal Innovation Mission (AIM):

- **AIM** is a flagship initiative set up by the **NITI Aayog** in 2016 with an objective to create and encourage an environment of **innovation and entrepreneurship across schools, educational organisations, research institutes, and industries**, including MSMEs.
 - AIM has two functions:
 - Promote entrepreneurship by encouraging innovators to become entrepreneurs through financial support as well as mentorship.
 - Promote innovation by creating a platform where ideas are generated through like-minded individuals.
 - AIM has created **four programs** to support these functions:
 - **Atal Tinkering Labs**
 - **Atal Incubation Centres**
 - **Atal New India Challenges and Atal Grand Challenges**
 - **Mentor India**
 - Apart from these programs, AIM also seeks and **collaborates with academia, industries, NGOs, and individuals** to enable an atmosphere of innovation.
 - **All the initiatives** of AIM are currently **monitored and managed systematically using real-time MIS systems and dynamic dashboards**.
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Q1: What are Atal Tinkering Labs?

Atal Tinkering Labs are state-of-the-art space established in a school with a goal to foster curiosity and innovation in young minds, between grade 6th to 12th across the country through tools and technologies such as Internet of Things, 3D printing, rapid prototyping tools, robotics etc.

News: Atal Innovation Mission, Swedish Embassy celebrate SheSTEM 2024, pioneering youth-led solutions for a Sustainable Future

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