



Mega Tinkering Day 2025

Why in News?

In a **first-of-its-kind** nationwide innovation movement, the [Atal Innovation Mission \(AIM\)](#), [NITI Aayog](#), hosted **Mega Tinkering Day 2025**, marking a significant milestone in India's innovation landscape.

Key Points

- **About:** The nationwide event brought together over **10,000 Atal Tinkering Labs (ATLs)** across all **35 states and Union Territories** of India.
 - The event witnessed **4,73,350 students** from **9,467 ATL-equipped schools** participating in a hands-on challenge to design and build a do-it-yourself (DIY) **vacuum cleaner** using everyday materials from their labs.
- **Event Format:**
 - **Virtual & Simultaneous:** The event was **held virtually** and simultaneously in schools **across India**, with regional participation across North (Leh, Ladakh, Kargil, Kashmir), South (Kanniyakumari), West (Bhuj, Kutch), East (Manipur, Mizoram, Arunachal Pradesh), and [Aspirational Districts](#) (Virudhunagar).
 - **Collaborative Learning:** The online format enabled students to **collaborate in real-time**, despite geographical distances.

Atal Innovation Mission

- **About:** Launched by NITI Aayog in 2016, AIM **promotes innovation and entrepreneurship** by fostering a problem-solving mindset in students and strengthening the entrepreneurial ecosystem in **universities and research institutions**.
 - **AIM 2.0 aims to scale and pilot new initiatives** to expand and strengthen India's innovation and entrepreneurship ecosystem, building on the success of AIM.

Key Programs

Frontier Program

Expanding ATLs in underserved areas

Atal Tinkering Labs

Fostering innovation in schools through hands-on technology

Language Inclusive Program of Innovation

Supporting non-English-speaking innovators

Atal Incubation Centres

Supporting startups with mentorship and funding

Atal New India Challenges

Addressing national challenges with technology-based solutions

Atal Community Innovation Centres

Promoting innovation in underserved regions

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