

GOVERNMENT OF INDIA
MINISTRY OF PLANNING

RAJYA SABHA
UNSTARRED QUESTION NO. 2381
TO BE ANSWERED ON 16.12.2024

ESTABLISHMENT OF ATAL TINKERING LABS

2381 DR. DHARMASTHALA VEERENDRA HEGGADE:

Will the Minister of PLANNING be pleased to state:

- (a) the number of active Atal Tinkering Laboratories (ATLs) established across country under Atal Innovation Mission (AIM), particularly in Karnataka;
- (b) whether any impact assessment has been conducted to evaluate effect of ATLs on school children, including the benefits and outcomes of these labs on fostering innovation and curiosity;
- (c) steps taken by Government to further boost the reach of ATLs, especially in rural and under-served areas, under AIM, the details thereof; and
- (d) manner in which the ATLs are designed to generate curiosity and creativity among school students and specific activities or approaches being implemented to achieve this?

ANSWER

MINISTER OF STATE (INDEPENDENT CHARGE) OF THE MINISTRY OF STATISTICS AND PROGRAMME IMPLEMENTATION; MINISTER OF STATE (INDEPENDENT CHARGE) OF THE MINISTRY OF PLANNING AND MINISTER OF STATE IN THE MINISTRY OF CULTURE

(RAO INDERJIT SINGH)

- (a) Atal Innovation Mission (AIM), NITI Aayog has established a total of 10,000 Atal Tinkering Labs (ATLs) across the country, out of which 798 ATLs have been established in Karnataka.
- (b) Yes Sir, AIM, NITI Aayog has conducted an independent third party impact assessment to evaluate the effect of ATLs on school children. The assessment report is available on

official website of AIM and can be accessed here - <https://aim.gov.in/pdf/Assessment-Report-of-Atal-tinkering-Labs.pdf>.

- (c) AIM has taken several measures to ensure that the exposure of ATL reaches rural and underserved areas of the country. Out of 10,000 ATLs established by AIM, 5,692 (56.92%) ATLs have been established in rural areas.

Further, out of 10,000 ATLs, 1,022 (10.22%) ATLs have been established in Aspirational districts, while 375 (3.75%) ATLs have been established in Aspirational Blocks.

- (d) ATL is a dedicated workspace where young minds can give shape to their ideas through hands on 'do-it-yourself' mode; and learn innovation skills. Young students get a chance to work with tools and equipment to understand the concepts of STEM (Science, Technology, Engineering and Math). ATL also contain 21st century kits and equipment such as- electronics, robotics, open-source microcontroller boards, sensors and 3D printers and computers.

AIM regularly organize exhibitions, workshops, webinars, lecture series etc. to generate creativity and curiosity amongst school students. AIM has developed learning resources on 21st century skills which are available to all students covering latest technologies.

Further, AIM also organizes national level competitions & challenges to provide necessary platform for students to showcase their innovative projects.
