GOVERNMENT OF INDIA
MINISTRY OF PLANNING

LOK SABHA
UNSTARRED QUESTION No. 1071
TO BE ANSWERED 08.02.2023

ATAL TINKERING LABS

1071.   SHRI RAM MOHAN NAIDU KINJARAPU:

Will the Minister of PLANNING be pleased to state:

(a)   the number of schools out of the total 474 schools selected for setting up of Atal Tinkering Labs (ATLs) in Andhra Pradesh which are completely functional;

(b)   the new age devices and technology that have been introduced in these labs during the current academic year in the State;

(c)   the steps being taken to skill up the Atal India Mission (AIM) mentors of change in Andhra Pradesh; and

(d)   the details on the mentor-mentee ratio classified, State and school-wise?

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 OF THE MINISTRY OF CORPORATE AFFAIRS

(RAO INDERJIT SINGH)

(a)   Out of the 474 schools selected from Andhra Pradesh, 372 schools have been funded for setting up Atal Tinkering Labs (ATLs) in the state, till date, based on successful completion of due diligence and guidelines laid down by Atal Innovation Mission (AIM).

(b)   The suggestive list of devices and equipment that are to be placed in ATLs are common across the schools of the country including Andhra Pradesh. All ATL schools are required to purchase equipment, as per 'The Equipment List' suggested by Atal Innovation Mission, which is placed at https://aim.gov.in/pdf/ATL-Equipment-Batch-of-90.pdf

The list has all the latest devices and technologies like 3D Printer, Robotics, IoT, mechanical tools and computational thinking tools. The list is not exhaustive, however, it

is mandatory for schools to purchase all the equipment mentioned in the list as per requirement.

Additionally, AIM has developed self-learning modules on 21st century skills in collaboration with industry experts and partner organizations on topics such as Drones, AI, Coding, Physical computing which are available on AIM's official website and can be accessed by everyone.

(c)   The Mentor India program is a voluntary national movement being led by Atal Innovation Mission, wherein skilled professionals provide pro-bono mentoring to young ATL innovators, with a strong sentiment towards nation building. These skilled volunteers, who are called the 'Mentors of Change (MoC)' spend time on-ground with ATL students, who are the young innovators of India and enable them to experience, learn and practice 21st century skills. Till date, there are 6000+ MoCs are associated with AIM for mentoring 10,000 ATL schools across the country.

AIM organizes Knowledge Hub sessions which is a platform to upskill and peer learning for MoCs from the pool of existing mentors only. Further, AIM has developed learning modules for students, teachers and mentors, like Blockchain Module, Design Thinking Module, etc. available on official website as self-paced learning content.

AIM has launched the self-learning portal for the ATL teachers and mentors covering the ATL philosophy, technical concepts, soft skills etc. to enable teachers to learn at their own pace. Further, regular dedicated teacher and mentor training workshops are also organized in collaboration with AIM's partners, both virtually and physically.

(d)   The mentors selected by Atal Innovation Mission remain in touch with ATL school on regular basis and provide mentoring support based on their experience. Till date, 6000+ mentors have been on-boarded by AIM, out of which 134 MoCs have been selected from state of Andhra Pradesh who are providing mentoring support to ATLs across different regions of the country. Each mentor may take up mentorship for 2 to 3 schools basis their preference across the country.

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