

GOVERNMENT OF INDIA
MINISTRY OF EDUCATION
DEPARTMENT OF SCHOOL EDUCATION & LITERACY

LOK SABHA
UNSTARRED QUESTION NO. 2590
ANSWERED ON 17/03/2025

Integrate Technology with Education

2590. Dr. Shashi Tharoor

Will the Minister of EDUCATION be pleased to state:

- (a) the number of schools and colleges that have digital classrooms across the country following the initiative of the Government to integrate technology with education;
- (b) whether the Government has any data regarding the availability of digital education devices (mobile phones, tablets, laptops, etc.) with school children on national level and if so, the details thereof;
- (c) whether the Government has any plan to provide digital devices to those students who don't have such devices towards the aim of the Government to provide broadband connectivity for rural schools and if so, the details thereof; and
- (d) whether the Government tracks the percentage of improvement in student performance and vocational training enrolments as a result of these digital initiatives under the National Education Policy (NEP) and if so, the details thereof and if not, the reasons therefor?

ANSWER

MINISTER OF STATE IN THE MINISTRY OF EDUCATION
(SH. JAYANT CHAUDHARY)

(a) to (d): The Department of School Education and Literacy is implementing Samagra Shiksha – an Integrated Scheme for School Education from 2018-19. It is an overarching programme for the school education sector extending from pre-school to class XII and aims to ensure inclusive and equitable quality education at all levels of school education. Samagra Shiksha is implemented in partnership with all the States and UTs and financial assistance is provided for various components including Smart Classrooms. Till date, 1,31,548 Smart Classrooms have been sanctioned to State/UT Governments.

Education is in the concurrent list of the constitution and majority the schools are under the administrative control of the respective State/UT Governments. The Government of India has been implementing a programme of sample based National Achievement Survey (NAS) aimed at classes III, V, VIII and X with a cycle period of three years. The NAS 2021 was held on 12.11.2021 and has covered (a) Government Schools (Central Government and State Government); (b) Government Aided Schools; and (c) Private Unaided Schools. The NAS 2021, data on “Percentage of Students having access to Digital Devices at State Level” is placed at **Annexure**.

The Government does not provide digital devices to students under Samagra Shiksha. However, the Government provides digital devices to teachers based on proposal from the States/UTs. As on date, digital device as teaching resource package has been given to 15.72 lakh teachers.

To achieve the objectives of NEP 2020 and to bridge the digital divide in education, a comprehensive initiative called PM e-VIDYA is in place which unifies all efforts related to digital/online/on-air education to enable multi-mode access to education, with a target to benefit nearly 25 crore school going children across the country. The key components of this initiative are DIKSHA - the nation’s digital infrastructure, 200 PM e-VIDYA DTH TV Channels to provide supplementary education in various Indian languages for classes 1-12, ePathshala initiative to disseminate Digital Books and eContents, eJaadui Pitara is a digital app to supplement and a complement to the physical Jaadui Pitara, a vertical on Virtual Labs created on DIKSHA platform where Virtual Labs for Science and Mathematics for subjects Class 6th to 12th have been made available.

The above digital initiatives of Department of School Education & Literacy especially “ICT and Smart Classroom component” provide basic infrastructure to the students and transform the classroom into tech-driven class. Students engage more with multimedia content and interactive activities, while accessing a wider range of resources. This fosters deeper understanding, collaboration, and digital literacy for students, enriching their overall educational experience.

There is currently no provision in place to track the percentage of improvement in student performance and vocational training enrolments resulting from these digital initiatives, as they serve as supplementary mechanisms to school training. However, students learning outcome are evaluated periodically. The most recent survey, conducted on 4th December 2024, by the National Assessment Centre, PARAKH (Performance Assessment, Review and Analysis of Knowledge for Holistic Development). The survey is a baseline study to understand the achievement of the stage specific competencies at the end of foundation, preparatory and middle stages as per NEP 2020. It covers the entire spectrum of schools across the country.

ANNEXURE

ANNEXURE REFERRED TO IN REPLY TO PARTS (a) TO (d) OF LOK SABHA UNSTARRED QUESTION NO. 2590 FOR REPLY ON 17TH MARCH, 2025 ASKED BY HON'BLE MP DR. SHASHI THAROOR REGARDING INTEGRATE TECHNOLOGY WITH EDUCATION

The Statement showing State/UT-wise percentage of students having access to digital devices as per NAS 2021 data

Sl. No.	State/UT	% of students in class 3 having access to digital devices	% of students in class 5 having access to digital devices	% of students in class 8 having access to digital devices	% of students in class 10 having access to digital devices
1	Jammu & Kashmir	67	69	61	79
2	Himachal Pradesh	87	90	71	90
3	Punjab	92	94	76	96
4	Chandigarh	91	95	77	96
5	Uttarakhand	77	79	69	82
6	Haryana	77	83	69	85
7	Delhi	88	91	73	94
8	Rajasthan	62	65	61	78
9	Uttar Pradesh	57	61	55	68
10	Bihar	52	55	53	68
11	Sikkim	80	84	70	93
12	Arunachal Pradesh	52	67	62	85
13	Nagaland	65	74	66	87
14	Manipur	62	69	64	81
15	Mizoram	74	79	69	88
16	Tripura	59	61	57	76
17	Meghalaya	52	60	53	75
18	Assam	52	58	55	73
19	West Bengal	55	65	55	73
20	Jharkhand	57	59	56	71
21	Odisha	57	62	59	79
22	Chhattisgarh	61	64	60	78
23	Madhya Pradesh	60	66	60	79
24	Gujarat	69	75	65	82
25	Daman & Diu	82	86	71	89
26	Dadra & Nagar Haveli	77	75	72	81
27	Maharashtra	74	77	66	86
28	Andhra Pradesh	63	66	62	76
29	Karnataka	66	69	64	80
30	Goa	92	93	75	97
31	Lakshadweep	87	92	70	94
32	Kerala	94	95	76	97
33	Tamil Nadu	64	64	64	81
34	Puducherry	72	79	72	91
35	Andaman & Nicobar Island	77	83	66	89
36	Telangana	67	75	64	82
37	Ladakh	74	84	69	88