

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

LOK SABHA
UNSTARRED QUESTION NO. 2604
ANSWERED ON 17/03/2025

Digital Infrastructure in Schools

2604. Shri Eswarasamy K:
Shri Vishnu Dayal Ram:

Will the Minister of EDUCATION be pleased to state:

- (a) whether the Government has taken any steps to enhance digital infrastructure in schools located in rural India;
- (b) if so, the details thereof, including the amount of funds allocated and utilized for this purpose during the last three years, State/UT and year-wise;
- (c) the number of schools and students in rural areas of the country that have benefitted from the enhanced digital infrastructure, year and State/UT-wise;
- (d) the specific digital resources provided under this initiative, such as computers, internet connectivity, and digital learning platforms;
- (e) whether the Government has any vision or plan to introduce digital learning in schools in the country and particularly in Tamil Nadu, if so, the details thereof; and
- (f) the steps proposes to be taken by the Government in this regard?

ANSWER

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

(a) to (f): Education is in the Concurrent list of the Constitution and majority of the schools are under the administrative control of respective State Government and UT Administration. The Department of School Education and Literacy is implementing Samagra Shiksha – an Integrated Scheme for School Education from 2018-19. Samagra Shiksha 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 including the rural areas. Samagra Shiksha is implemented in partnership with all the States and UTs and financial assistance is provided to all States and UTs.

ICT and Digital Initiatives component of Samagra Shiksha covers Government and Aided Schools having classes VI to XII. Under this component financial assistance is provided for establishing ICT Lab and Smart Classrooms in schools. The non- recurring/recurring grant under 'ICT and Digital Initiatives' is available to the States and UTs for following two options:

- i. **Option I:** Under this option schools which have not availed the ICT facility earlier can either opt for ICT or smart classrooms as per their requirement and need. In case of more than 700 enrolment, an additional ICT lab can also be considered. States/UTs have flexibility to procure hardware such as tablets/ laptops/notebooks/ integrated teaching learning devices and open source operating system as well as Hardware, Software, training and resource support. This would include support for digital boards, smart classrooms, virtual classrooms and DTH channels on pro-rata basis for number of schools approved.
- ii. **Option II:** Under this option schools which have already availed the ICT facility earlier can avail smart classrooms/tablets as per the norms of the scheme.

Financial Provisions:

ICT Lab: a non-recurring grant of up to Rs. 6.40 lakh per school and recurring grant of upto Rs. 2.40 lakh per school per annum for a period of 5 years.

From 2023-24, the scheme also offers step-wise funding based on school enrolment. (Strength < 100: Rs. 2.5 Lakhs, Strength between 100 – 250: Rs. 4.5 Lakhs, Strength between 250 – 700: Rs. 6.4 Lakhs)

Smart Classrooms: The non-recurring grant for Smart Class rooms (2 smart classrooms per school) is of Rs. 2.40 lakh and the recurring grant is Rs. 38,000/- per school per annum (including E Content and Digital Resources, Charges for Electricity).

The State/UT-wise details of ICT Labs and Smart Classrooms sanctioned to States/UTs from 2020-21 to 2024-25 is at **Annexure-I**. The State/UT-wise details of funds allocated and utilized for ICT Labs from 2020-21 to 2024-25 is at **Annexure-II**. The State/UT-wise details of funds allocated and utilized for Smart Classrooms from 2020-21 to 2024-25 is at **Annexure-III**.

An advisory has been issued by the Department of School Education and Literacy, Government of India to all the States and UTs to enter into an MoU/ Agreement with BSNL and provide FTTH Internet connection to all the Government Schools which have computing devices. States/ UTs have been advised that the Internet Charges can be met from the following:

- For ICT Labs / Smart Class rooms sanctioned under Samagra Shiksha, internet charges can be met from the recurring charges being released under Samagra Shiksha.
- For Schools in which ICT / Smart Class room are not sanctioned under Samagra Shiksha and which have computing devices, internet Charges can be met from the Management monitoring Evaluation and Research (MMER) funds being released under Samagra Shiksha or can be met from any other State/UT Government funds.

As per UDISE 2023-24, the number of Government schools across the country that have functional internet connectivity are 4,70,188. As per UDISE 2023-24, the number of Government schools across the country that have computer facilities are 5,14,095.

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 including Tamil Nadu. 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. The students increase engagement with multimedia content and interactive activities, while availing wider range of resources. This fosters deeper understanding, collaboration, and digital literacy for students, enriching their overall educational experience.

ANNEXURE REFERRED TO IN REPLY TO PART (a) TO (f) OF LOK SABHA UNSTARRED QUESTION NO. 2604 TO BE ANSWERED ON 17.03.2025 ASKED BY HON'BLE MEMBERS OF PARLIAMENT SHRI ESWARASAMY K AND SHRI VISHNU DAYAL RAM REGARDING "DIGITAL INFRASTRUCTURE IN SCHOOLS"

The State/UT-wise details of ICT Labs and Smart Classrooms sanctioned to States/UTs from 2020-21 to 2024-25

S. No.	States/UTs	ICT Labs					Smart Classrooms				
		2024-25	2023-24	2022-23	2021-22	2020-21	2024-25	2023-24	2022-23	2021-22	2020-21
1	Andaman and Nicobar Islands	3	6	8	2	9	0	3147	435	1096	0
2	Andhra Pradesh	621	405	710	917	445	659	0	0	0	0
3	Arunachal Pradesh	92	114	39	43	29	34	102	107	0	0
4	Assam	83	0	645	1859	628	897	1701	240	3643	0
5	Bihar	627	0	0	0	0	627	1981	126	2739	0
6	Chandigarh	32	1	0	2	0	1	1	95	89	0
7	Chhattisgarh	1436	352	0	67	0	4582	519	0	2714	2624
8	DND - DNH	12	24	25	28	10	37	18	53	84	0
9	Delhi	249	0	7	0	0	0	90	45	906	78
10	Goa	0	3	0	0	0	0	0	0	24	0
11	Gujarat	35	479	0	0	0	521	447	0	4372	1815
12	Haryana	72	255	113	232	0	211	424	342	1154	1425
13	Himachal Pradesh	3	12	282	480	218	14	0	616	1632	0
14	Jammu and Kashmir	598	172	203	220	408	1703	372	834	518	0
15	Jharkhand	286	1447	504	896	726	337	342	121	519	0
16	Karnataka	454	0	0	764	0	95	100	1768	0	0
17	Kerala	1	0	0	0	0	23	115	257	115	0
18	Ladakh	17	46	16	6	49	66	20	8	38	0
19	Lakshadweep	0	0	0	0	0	0	0	0	0	0
20	Madhya Pradesh	889	879	0	441	0	3716	3457	658	700	0
21	Maharashtra	331	309	0	0	0	42	209	2405	887	0
22	Manipur	42	52	34	28	117	36	57	140	311	0
23	Meghalaya	55	29	28	25	132	3	0	14	0	8
24	Mizoram	311	217	62	0	63	11	0	28	201	0
25	Nagaland	22	0	0	0	0	63	13	47	74	515
26	ODISHA	95	0	0	302	0	681	0	2119	4471	384
27	Puducherry	0	0	0	6	10	0	0	45	100	0
28	Punjab	125	719	559	435	72	18	300	664	2903	0
29	Rajasthan	998	937	412	398	525	430	3420	408	5509	3290
30	Sikkim	10	3	0	82	4	27	0	32	238	4
31	Tamil Nadu	1078	3536	2211	1893	441	6284	0	0	865	0
32	Telangana	562	640	94	0	20	505	697	0	3010	0
33	Tripura	91	105	294	239	59	47	42	563	249	0
34	Uttar Pradesh	746	3669	289	0	0	4590	4229	18444	543	0
35	Uttarakhand	1635	0	0	240	0	11	78	195	709	1529
36	West Bengal	160	63	0	1173	125	502	0	0	0	0
	Total	11712	14474	6535	10778	4090	26773	21881	30809	40413	11672

Source: PRABANDH

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The State/UT-wise details of funds allocated and utilized for ICT Labs from 2020-21 to 2024-25

(Rs. in Lakh)

S. No.	States/UTs	2020-21		2021-22		2022-23		2023-24		2024-25	
		Fund Allocated	Fund Utilized	Fund Allocated	Fund Utilized	Fund Allocated	Fund Utilized	Fund Allocated	Fund Utilized	Fund Allocated	Fund Utilized
1	A&N Islands	57.2	142.3	12.8	6.4	51.2	21.3	17.0	488.3	7.5	0.0
2	Andhra Pradesh	1869.0	0.0	5868.8	2725.1	4544.0	4400.6	2192.0	19652.7	4072.9	0.0
3	Arunachal Pradesh	121.8	0.0	275.2	219.4	249.6	608.0	351.1	0.0	298.5	0.0
4	Assam	4019.2	2915.5	11897.6	413.1	4128.0	12648.5	0.0	4412.8	468.7	0.0
5	Bihar	0.0	0.0	0.0	0.0	0.0	8134.0	0.0	22526.2	4108.0	0.0
6	Chandigarh	0.0	0.0	12.8	0.0	0.0	11.9	4.5	0.0	204.8	0.0
7	Chhattisgarh	0.0	0.0	428.8	1734.4	0.0	1641.1	880.0	1161.1	6544.1	0.0
8	DND - DNH	64.0	64.5	179.2	70.4	160.0	262.4	65.9	390.9	84.8	0.0
9	Delhi	0.0	0.0	0.0	0.0	44.8	0.0	0.0	0.0	1447.3	0.0
10	Goa	0.0	0.0	0.0	0.0	0.0	0.0	13.4	6.6	0.0	0.0
11	Gujarat	0.0	0.0	0.0	1946.5	0.0	0.0	1573.6	86.1	233.5	0.0
12	Haryana	0.0	3635.2	1484.8	198.1	723.2	147.3	768.9	3302.6	366.0	0.0
13	Himachal Pradesh	1395.2	0.0	3072.0	0.0	1804.8	3753.0	28.8	3753.0	7.5	0.0
14	J&K	1321.9	6288.3	928.4	0.0	1299.2	0.0	437.9	0.0	1807.1	0.0
15	Jharkhand	4646.4	795.3	5734.4	6432.2	3225.6	1285.6	6802.2	4958.5	1334.5	0.0
16	Karnataka	0.0	0.0	4889.6	0.0	0.0	6549.2	0.0	0.0	2405.0	0.0
17	Kerala	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.9	0.0
18	Ladakh	313.6	0.0	38.4	428.4	102.4	89.2	115.0	0.0	78.5	0.0
19	Lakshadweep	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	Madhya Pradesh	0.0	0.0	2822.4	0.0	0.0	398.4	4890.3	398.4	5834.4	108.8
21	Maharashtra	0.0	0.0	0.0	1190.0	0.0	0.0	2131.2	7963.7	1560.1	0.0
22	Manipur	735.9	1576.3	179.2	214.8	217.6	38.4	130.0	1190.3	115.4	12.5
23	Meghalaya	844.8	391.1	160.0	589.9	179.2	0.0	102.4	535.3	164.3	0.0
24	Mizoram	203.0	204.8	0.0	0.0	396.8	0.0	566.5	105.6	784.3	0.0
25	Nagaland	0.0	39.1	0.0	0.0	0.0	0.0	0.0	0.0	55.0	
26	ODISHA	0.0	0.0	1932.8	5346.6	0.0	0.0	0.0	0.0	456.0	0.0
27	Puducherry	64.0	154.1	38.4	73.3	0.0	18.1	0.0	0.0	0.0	0.0
28	Punjab	460.8	1236.4	2784.0	0.0	3577.6	0.0	2647.7	5444.3	792.6	0.0
29	Rajasthan	2220.0	2835.4	2547.2	4225.7	2636.8	3463.9	4020.8	307.7	5090.9	2.6
30	Sikkim	25.6	0.0	524.8	226.5	0.0	0.0	7.5	223.7	86.8	0.0
31	Tamil Nadu	2822.4	2822.4	12071.6	0.0	14150.4	22147.2	10114.6	0.0	6851.1	0.0
32	Telangana	128.0	7000.0	0.0	0.0	601.6	5591.7	2271.4	0.0	3385.6	0.0
33	Tripura	377.6	1036.7	1529.6	728.0	1881.6	0.0	339.7	1764.8	213.3	0.0
34	Uttar Pradesh	0.0	0.0	0.0	0.0	1849.6	0.0	14676.8	0.0	5125.0	3487.6
35	Uttarakhand	0.0	0.0	1536.0	0.0	0.0	0.0	0.0	0.0	7593.2	0.0
36	West Bengal	800.0	0.0	7507.2	0.0	0.0	0.0	755.2	0.0	998.0	0.0
	Total	22490.4	31137.3	68456.0	26768.8	41824.0	71209.7	55904.4	78672.6	62581.6	3611.6

Source: PRABANDH

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The State/UT-wise details of funds allocated and utilized for Smart Classrooms from 2020-2021 to 2024-2025

(Rs. in Lakh)

S. No.	States/UTs	2020-21		2021-22		2022-23		2023-24		2024-25	
		Fund Allocated	Fund Utilized	Fund Allocated	Fund Utilized	Fund Allocated	Fund Utilized	Fund Allocated	Fund Utilized	Fund Allocated	Fund Utilized
1	A&N Islands	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	Andhra Pradesh	0.0	0.0	2630.4	0.0	1044.0	849.6	7552.8	10377.6	1461.1	33.6
3	Arunachal Pradesh	0.0	0.0	0.0	0.0	128.4	0.0	244.8	0.0	81.6	0.0
4	Assam	0.0	0.0	8743.2	0.0	576.0	0.0	4082.4	7780.7	2099.5	54.6
5	Bihar	0.0	0.0	6573.6	0.0	302.4	2399.1	4754.4	2878.5	999.1	0.0
6	Chandigarh	0.0	0.0	213.6	0.0	134.4	87.0	2.4	103.6	2.4	0.0
7	Chhattisgarh	6297.6	0.0	6513.6	0.0	0.0	2421.6	1245.6	0.0	10864.8	0.0
8	DND - DNH	0.0	0.0	232.8	0.0	150.4	0.0	43.2	0.0	87.16	0.0
9	Delhi	85.8	0.0	2306.5	1700.0	108.0	448.0	1350.0	0.0	0.0	0.0
10	Goa	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	Gujarat	4347.4	0.0	10959.0	0.0	0.0	3535.2	1072.8	7869.0	1187.3	0.0
12	Haryana	3650.2	0.0	2769.6	0.0	820.8	1938.7	1046.7	1649.3	476.88	0.0
13	Himachal Pradesh	0.0	0.0	3916.8	0.0	1478.4	0.0	0.0	0.0	22.12	0.0
14	Jammu and Kashmir	0.0	0.0	1243.2	0.0	2001.6	0.0	892.8	0.0	4014.2	0.0
15	Jharkhand	0.0	0.0	1245.6	0.0	290.4	1165.5	820.8	34.2	827.4	0.0
16	Karnataka	0.0	0.0	0.0	0.0	4243.2	328.8	735.0	0.0	150.1	0.0
17	Kerala	0.0	0.0	276.0	276.0	616.8	336.0	276.0	0.0	54.38	0.0
18	Ladakh	0.0	0.0	45.6	0.0	9.6	0.0	48.0	0.0	151.02	0.0
19	Lakshadweep	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	Madhya Pradesh	0.0	0.0	1680.0	1089.3	1579.2	14.4	7807.2	1987.5	7829.5	80.9
21	Maharashtra	0.0	0.0	2128.8	0.0	5772.0	1097.7	501.6	1097.7	66.36	0.0
22	Manipur	0.0	0.0	746.4	774.4	336.0	175.2	136.8	62.4	86.4	0.0
23	Meghalaya	151.0	0.0	0.0	0.0	33.6	0.0	0.0	0.0	7.2	0.0
24	Mizoram	0.0	0.0	482.4	482.4	67.2	0.0	0.0	482.4	24.76	0.0
25	Nagaland	1927.4	0.0	177.6	0.0	112.8	461.3	31.2	860.3	124.8	0.0
26	ODISHA	921.6	921.6	10730.4	10730.4	5085.6	4068.5	0.0	0.0	1382.4	0.0
27	Puducherry	0.0	0.0	240.0	0.0	108.0	274.7	0.0	0.0	0.0	0.0
28	Punjab	0.0	0.0	7153.2	0.0	1683.6	0.0	720.0	0.0	43.2	0.0
29	Rajasthan	3948.0	0.0	6610.8	228.3	979.2	229.9	8208.0	11.7	680.6	0.0
30	Sikkim	64.0	0.0	571.2	571.2	76.8	57.6	0.0	0.0	64.8	0.0
31	Tamil Nadu	0.0	0.0	2076.0	0.0	0.0	2076.0	0.0	0.0	14995.5	0.0
32	Telangana	0.0	0.0	7224.0	0.0	0.0	7224.0	1672.8	0.0	1078.6	0.0
33	Tripura	0.0	0.0	597.6	0.0	1351.2	1752.2	100.8	1752.2	48.9	0.0
34	Uttar Pradesh	0.0	0.0	1303.2	0.0	44265.6	35335.5	10149.6	0.0	10376	4234.8
35	Uttarakhand	6509.0	0.0	1701.6	0.0	468.0	0.0	234.0	0.0	17.38	0
36	West Bengal	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1079.6	0
	Total	27902.06	921.6	91092.71	15852.07	73823.2	66276.64	53729.71	36947.14	60385.06	4403.98