

GOVERNMENT OF INDIA
MINISTRY OF EDUCATION
DEPARTMENT OF SCHOOL EDUCATION & LITERACY
LOK SABHA
UNSTARRED QUESTION NO-218
ANSWERED ON 18.07.2022

Data of Devices for Schools

218. SHRI JAYADEV GALLA:

Will the Minister of EDUCATION be pleased to state:

- (a) the number of Government and private schools providing smartphones to students along with the number of students who have received it between 2019-22, State-wise, year-wise, urban-rural wise;
- (b) the number of teachers in Government schools who have conducted online classes for students during the years 2019-20 & 2020-21, State-wise, year-wise, urban rural wise;
- (c) the number of parents of students in primary and secondary classes in Government schools who own a smartphone since 2019-20, State-wise;
- (d) the details of number of Government schools and Government aided schools having computer facilities, State-wise, year-wise, urban-rural wise; and
- (e) the attendance of online classes in Government schools since 2019-20, State-wise, year-wise, urban-rural wise?

ANSWER

MINISTER OF STATE IN THE MINISTRY OF EDUCATION
(SHRIMATI ANNPURNA DEVI)

(a) to (e): Education is in the concurrent list of the Constitution and majority of the schools are under domain of respective State and UT Government.

The data pertaining to number of Government and Private schools providing smart phones to the students, number of teachers in Government schools who have conducted online classes and the details of attendance of online classes may be available with the respective State / UT Government. The details pertaining to number of teachers in KVS and NVS who have conducted online classes and the details of attendance of online classes in KVS and NVS is at **Annexure-I** to **Annexure-III**. The data regarding the number of parents of students in primary and secondary classes in Government schools who own a smartphone may not be maintainable.

However, in order to ensure that every student including those residing in rural and educationally backward districts of the country, gets continuous access to educational, a multi-pronged approach has been adopted by the Department of School Education and Literacy, Ministry of Education.

A comprehensive initiative called PM e-Vidya has been started as part of Atma Nirbhar Bharat Abhiyan on 17th May, 2020, which unifies all efforts related to digital/online/on-air education to enable multi-mode access to education. The initiative includes the following components:

- DIKSHA the nation's digital infrastructure for providing quality e-content for school education in States/UTs: and QR coded Energized Textbooks for all grades (one nation, one digital platform)
- One earmarked Swayam Prabha TV channel per class from 1 to 12 (one class, one channel)
- Extensive use of Radio, Community radio and CBSE Podcast- Shiksha Vani
- Special e-content for visually and hearing impaired developed on Digitally Accessible Information System (DAISY) and in sign language on NIOS website/ YouTube

Where the digital facility (mobile device/DTH television) is not available, Ministry of Education has taken many initiatives like Community Radio Stations and a podcast called Shiksha

Vani of CBSE, Textbooks, worksheet supplied to residence of learners, Handbook on 21st Century Skills and community/mohalla classes are organized. Innovation Funds of the Department are used to set up mobile school, virtual studios, virtual class rooms in schools. Continuous Learning Plan (CLP) for states/UTs has been initiated in all States/UTs, pre-loaded tablets in various states and UTs are effectively used in remote rural areas where online classes are difficult.

Further, an Alternate Academic Calendar has been prepared for learning solutions including self-assessment for grade 1 to 12 for both children with and without device. Bridge Course Modules have also been developed for bridging the learning gaps of Out of School children studying in special training centres (STC) under the provisions of RTE Act, 2009. Also, PRAGYATA guidelines were issued to the States/UTs to facilitate continued education through various modes. The guidelines inter-alia include situation where internet connectivity is not available or available with very less bandwidth, resources are shared through various platforms like television, radio etc. that do not depend on internet. Similarly, Students Learning Enhancement Guidelines were released in 2020 to support learning of children during COVID-19. Guidelines for development of e-content for children with special needs have been released. Guidelines for parent participation in Home- based learning during school closure and beyond have also been released in 2021.

Besides, the Ministry has undertaken a proactive initiative, named, 'MANODARPAN' covering a wide range of activities to provide psychosocial support to students, teachers and families for Mental Health and Emotional Wellbeing during the COVID outbreak and beyond.

National Achievement Survey (NAS) is conducted to enable States/UTs to identify gaps in learning outcomes, and take remedial steps. NAS 2021 has been conducted on 12th November 2021.

The Central Government is constantly advising States/UTs through guidelines and meetings with respect to interventions for reducing impact of pandemic on education. The guidelines issued so far are given below:

S. No	Intervention	Links of Guideline
1	Guidelines for Children of Migrant Labourers	https://www.education.gov.in/sites/upload_files/mhrd/files/Migrant%20labour%20guideline.pdf
2	Guidelines for Out of School Children and Mitigation of Loss of Learning	https://www.education.gov.in/sites/upload_files/mhrd/files/guidelines_oosc.pdf
3	PRAGYATA Guidelines on Digital Education	https://www.education.gov.in/sites/upload_files/mhrd/files/pragyata-guidelines_0.pdf
4	Learning Enhancement Guidelines for Continuous Learning	https://ncert.nic.in/pdf/announcement/Learning_%20Enhancement_Guidelines.pdf
5	Covid-19 Related Health and Safety SoP/ Guidelines for School Re-Opening	https://www.education.gov.in/sites/upload_files/mhrd/files/SOP_Guidelines_for_reopening_schools.pdf
6	COVID Action Plan for School Education	https://www.education.gov.in/sites/upload_files/mhrd/files/Covid_Action_Plan.pdf
7	Alternate Academic Calendar	https://ncert.nic.in/alternative-academic-calendar.php
8	Guidelines for JNV Residential Schools	https://drive.google.com/file/d/1LAc4iKQTqTJkNVDGc5gIEDsrDGdAXwC8/view
9	Guidelines for parents on Home Based Education	https://www.education.gov.in/sites/upload_files/mhrd/files/MoE_Home_Learning_Guidelines.pdf
10	Guidelines for orphaned Children	In this regard, a joint DO letter No. 13-10/2021-IS-11 dated 16.06.2021 from Secretary DoSEL, MoE and Secretary, MWCD has been issued to all States and UTs.

11	Guidelines for developing E-content for CWSN	https://dse1.education.gov.in/sites/default/files/2021-06/CWSN_E-Content_guidelines.pdf
12	CBSE competency-based assessment framework	https://cbseacademic.nic.in/web_material/Manuals/Safal_handbook.pdf
13	NCTE Guidelines for TEIs	https://ncte.gov.in/WebAdminFiles/RecentAnnouncement/0_20_08_2020_637335320672297662.pdf

The Department of School Education and Literacy, Ministry of Education has prepared ‘The India Report on Digital Education’ which shows the digital and remote learning initiatives through the use of digital technology across the country. Link for accessing the report is given below:

The India Report on Digital Education 2020:

https://www.education.gov.in/sites/upload_files/mhrd/files/India_Report_Digital_Education_0.pdf

The India Report on Digital Education 2021:

https://www.education.gov.in/sites/upload_files/mhrd/files/irde_21.pdf

Department of School Education and Literacy has launched the Samagra Shiksha– an Integrated Scheme for School Education from 2018-19. It envisages the ‘school’ as a continuum from pre-school, primary, upper primary, secondary to Senior Secondary levels. 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 to all States and UTs for various components including strengthening of ICT infrastructure in schools. Under Samagra Shiksha, ICT component envisages covering all Government and Aided schools from classes VI to XII and Teacher Education Institutions (TEIs), subject to the availability of budgetary provision.

a. Options under ICT:

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.

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.

b. Financial Provisions:

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

Recurring grant may be given for the 6th year to smoothen transition, subject to state giving a plan and commitment of funds for taking over the project and continuing the facility in the school.

Smart Classrooms: Onetime Non-recurring grant of Rs. 2.40 lakh and the recurring grant of Rs. 0.38 lakh (including E Content and Digital Resources, Charges for Electricity) for Maximum 2 smart classrooms per school for a period of 5 years.

c. Coverage: ICT component covers Government and Aided Schools having classes from VI to XII which will enable use of ICT resources from younger grades. ICT Labs are approved in 120614 schools and Smart classrooms are approved in 82120 schools. The State/UT wise details of ICT Labs and Smart classrooms sanctioned from 2019-20 to 2022-23 is at **Annexure-IV**. The State/UT wise number of Schools (Government and Government aided school) having Digital Infrastructure in rural and urban areas is at **Annexure-V**.

ANNEXURE REFERRED TO IN REPLY TO PART (a) TO (e) OF LOK SABHA UNSTARRED QUESTION NO. 218 ANSWERED ON 18.07.2022 ASKED BY HON'BLE MEMBER OF PARLIAMENT SHRI JAYADEV GALLA REGARDING DATA OF DEVICES FOR SCHOOLS

Statement showing the State/UT wise details pertaining to number of teachers in KVS who have conducted online classes and attendance of online classes in KVS

S.No.	States/UTs	Number of teachers of all categories who took online classes during		% of Attendance (average of all the classes) of students during	
		2019-20	2020-21	2019-20	2020-21
1	A&N Islands	0	91	0	95.00%
2	Andhra Pradesh	0	1069	0	84.7
3	Arunachal Pradesh	0	391	0	84.21
4	Assam	0	1693	0	79.61
5	Bihar	0	3210	0	87
6	Chandigarh	0	228	0	97.02
7	Chhattisgarh	0	1073	0	85.13
8	Daman & Diu	0	50	0	98.57
9	Delhi	0	3493	0	97.5
10	Goa	0	163	0	96.8
11	Gujarat	0	1383	0	98.72
12	Haryana	0	1132	0	91.93
13	Himachal Pradesh	0	608	0	98.66
14	J & K	0	994	0	88.31
15	Jharkhand	0	1113	0	80%
16	Karnataka	0	1737	0	96.92
17	Kerala	0	1680	0	94
18	Ladakh	0	54	0	97.33
19	Lakshadweep	0	28	0	94
20	Madhya Pradesh	0	4799	0	88.21
21	Maharashtra	0	2378	0	96.355
22	Manipur	0	241	0	90.77
23	Meghalaya	0	167	0	65%
24	Mizoram	0	175	0	66%
25	Nagaland	0	111	0	84.66
26	Odisha	0	1414	0	98
27	Pondicherry	0	142	0	92
28	Punjab	0	1758	0	94.43
29	Rajasthan	0	2420	0	86.92
30	Sikkim	0	47	0	85
31	Tamil Nadu	0	1716	0	98%
32	Telangana	0	1186	0	89.71
33	Tripura	0	198	0	64%
34	Uttar Pradesh	0	5176	0	84%
35	Uttarakhand	0	1524	0	99.28%
36	West Bengal	0	1949	0	86.9
	Total	0	45591	0	89.29

Note: - In the year 2019-20, physical classes were conducted in all KVS.

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Statement showing the State/UT wise details pertaining to number of teachers in NVS who have conducted online classes in NVS

S. No.	States/UTs	Total Teachers (including Principal and Vice-Principal) who have conducted Classes Online	
		2020-21	2021-22
1.	Andaman & Nicobar Islands [UT]	27	37
2.	Andhra Pradesh	286	323
3.	Arunachal Pradesh	198	216
4.	Assam	540	591
5.	Bihar	743	796
6.	Chandigarh [UT]	27	29
7.	Chhattisgarh	370	470
8.	Dadra & Nagar Haveli and Daman & Diu [UT]	47	56
9.	Delhi [UT]	48	49
10.	Goa	35	42
11.	Gujarat	467	575
12.	Haryana	493	521
13.	Himachal Pradesh	252	277
14.	Jammu & Kashmir [UT]	217	329
15.	Jharkhand	453	505
16.	Karnataka	568	635
17.	Kerala	322	340
18.	Ladakh [UT]	27	45
19.	Lakshadweep [UT]	12	16
20.	Madhya Pradesh	1079	1173
21.	Maharashtra	660	717
22.	Manipur	234	237
23.	Meghalaya	132	168
24.	Mizoram	67	81
25.	Nagaland	107	140
26.	Odisha	551	634
27.	Puducherry [UT]	79	88
28.	Punjab	478	544
29.	Rajasthan	780	836
30.	Sikkim	88	84
31.	Telangana	177	195
32.	Tripura	78	118
33.	Uttar Pradesh	1557	1650
34.	Uttarakhand	249	294
35.	West Bengal	291	351
	Total	11739	13162

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Statement showing the State/UT wise details pertaining to attendance of online classes in NVS

S. No.	States / UTs	Session 2020 - 21		Session 2020 - 21	
		Total Students Strength	Number of Students Attended the Online Classes	Total Students Strength	Number of Students Attended the Online Classes
1.	Andaman & Nicobar Islands (UT)	712	672	793	757
2.	Andhra Pradesh	7168	6781	7102	6750
3.	Arunachal Pradesh	5286	4751	5552	5066
4.	Assam	12910	12084	13256	12505
5.	Bihar	18610	17265	18274	17051
6.	Chandigarh (UT)	535	307	536	329
7.	Chhattisgarh	10529	9392	11287	10253
8.	Dadra & Nagar Haveli And Daman & Diu (UT)	1203	1066	1224	1099
9.	Delhi (UT)	923	820	884	790
10.	Goa	751	720	757	729
11.	Gujarat	12854	10706	13047	11094
12.	Haryana	10712	9986	10867	10207
13.	Himachal Pradesh	5705	5284	5788	5405
14.	Jammu & Kashmir (UT)	6663	6223	6819	6419
15.	Jharkhand	11777	10865	11713	10884
16.	Karnataka	14539	13779	15196	14505
17.	Kerala	7227	7076	7282	7145
18.	Ladakh (UT)	977	852	983	869
19.	Lakshadweep (UT)	143	140	169	166
20.	Madhya Pradesh	26831	23823	27202	24467
21.	Maharashtra	15827	14419	15361	14081
22.	Manipur	5171	4961	5316	5125
23.	Meghalaya	3677	2955	4045	3389
24.	Mizoram	1642	1584	1824	1771
25.	Nagaland	2363	2169	2548	2372
26.	Odisha	14905	13402	15337	13971
27.	Puducherry (UT)	1763	1697	1824	1764
28.	Punjab	11127	9705	11355	10062
29.	Rajasthan	18095	16097	18471	16655
30.	Sikkim	1620	1408	1639	1446
31.	Telangana	4415	4275	4517	4390
32.	Tripura	2520	2251	2758	2513
33.	Uttar Pradesh	35820	32246	35619	32370
34.	Uttarakhand	6265	5760	6284	5825
35.	West Bengal	6702	6255	6984	6578
Total		287967	261775	292613	268802

Note: In Jawahar Navodaya Vidyalayas, classes were conducted in Physical mode during the session 2019-20 and online classes were conducted during the session 2020-21. During the year 2021-22, classes were conducted through online mode till the month of October, 2021 and from the month of November, 2021 onwards classes are being conducted in Physical Mode.

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Statement showing State/UT wise details of ICT Labs and Smart classrooms sanctioned from 2019-20 to 2022-23

S.No.	State/UT	ICT Lab				Smart Classrooms		
		2019-2020	2020-2021	2021-2022	2022-2023	2020-2021	2021-2022	2022-2023
1	Andaman And Nicobar Islands	0	9	2	8	0	0	0
2	Andhra Pradesh	296	445	917	710	0	1096	435
3	Arunachal Pradesh	21	29	43	39	0	0	107
4	Assam	264	628	1859	645	0	3643	240
5	Bihar	481	0	0	2454	0	2739	126
6	Chandigarh	0	0	2	0	0	89	95
7	Chhattisgarh	0	0	67	0	2624	2714	0
8	DND - DNH	0	10	28	25	0	84	51
9	Delhi	0	0	0	7	78	895	45
10	Goa	0	0	0	0	0	0	0
11	Gujarat	300	0	0	0	1815	4335	0
12	Haryana	0	0	232	113	1425	1154	342
13	Himachal Pradesh	55	218	480	282	0	1632	616
14	Jammu and Kashmir	397	408	220	203	0	518	834
15	Jharkhand	488	726	896	504	0	519	121
16	Karnataka	0	0	764	0	0	0	1768
17	Kerala	0	0	0	0	0	115	257
18	Ladakh	2	49	6	16	0	38	8
19	Lakshadweep	0	0	0	0	0	0	0
20	Madhya Pradesh	0	0	441	0	0	700	658
21	Maharashtra	708	0	0	0	0	887	2405
22	Manipur	108	117	28	34	0	311	140
23	Meghalaya	19	132	25	28	0	0	14
24	Mizoram	0	63	0	62	0	201	28
25	Nagaland	19	0	0	0	473	74	47
26	Odisha	715	0	302	0	384	4471	2119
27	Puducherry	0	10	6	0		100	45
28	Punjab	0	72	435	559		2872	649
29	Rajasthan	32	525	398	412	3290	5509	408
30	Sikkim	17	4	82	0	0	238	32
31	Tamil Nadu	0	441	1893	2211	0	865	0
32	Telangana	0	20	0	94	0	3010	0
33	Tripura	74	59	239	294	0	249	563
34	Uttar Pradesh	0	0	0	289	0	543	18444
35	Uttarakhand	0	0	240	0	929	709	195
36	West Bengal	0	125	1173	0	0	0	0
	Total	3996	4090	10778	8989	11018	40310	30792

Source: PRABANDH

ANNEXURE REFERRED TO IN REPLY TO PART (a) TO (e) OF LOK SABHA UNSTARRED QUESTION NO. 218 ANSWERED ON 18.07.2022 ASKED BY HON'BLE MEMBER OF PARLIAMENT SHRI JAYADEV GALLA REGARDING DATA OF DEVICES FOR SCHOOLS

Statement showing Number of Schools (Government and Government Aided school) in rural and urban areas having Digital Infrastructure

Sl. No.	State/UT	Rural Areas					Urban Areas				
		Total No. of Schools	ICT Lab (in Schools having Classes VI and Above)	PCs with Integrated Teaching Learning Device	At least 1 Computer	Digital Board	Total No. of Schools	ICT Lab (in Schools having Classes VI and Above)	PCs with Integrated Teaching Learning Device	At least 1 computer	Digital Board
1	Andaman & Nicobar Islands	311	100	28	163	139	33	25	11	31	27
2	Andhra Pradesh	42196	398	2596	5862	629	5070	95	590	1192	223
3	Arunachal Pradesh	2857	106	66	345	22	271	35	25	114	9
4	Assam	49324	2986	815	4083	693	2408	565	158	798	133
5	Bihar	71795	746	180	1603	100	4495	195	73	456	39
6	Chandigarh	16	14	6	15	4	112	104	43	112	17
7	Chhattisgarh	45717	1496	990	6459	821	3332	387	234	1107	191
8	Daman & Diu and Dadra & Nagar	363	51	46	319	141	52	21	6	52	11
9	Delhi	143	44	28	143	8	2858	1145	873	2837	515
10	Goa	1087	199	134	429	49	256	76	50	156	19
11	Gujarat	35911	4049	5185	22437	4846	4696	1346	1402	3757	1397
12	Haryana	13040	2723	775	3821	604	1540	335	124	504	202
13	Himachal Pradesh	15021	2076	1319	3089	1485	370	113	85	136	66
14	Jammu & Kashmir	21433	1564	662	2900	1191	1735	281	142	479	223
15	Jharkhand	35113	1006	543	1526	498	1950	250	144	452	121
16	Karnataka	46968	4627	2136	10952	2583	10005	1382	1087	4075	1139
17	Kerala	9967	4291	1221	8474	1078	2244	1146	356	2031	301
18	Ladakh	903	79	39	219	72	41	9	1	18	7
19	Lakshadweep	45	20	26	43	19	0	0	0	0	0
20	Madhya Pradesh	93656	311	302	3130	150	6269	185	200	1251	141
21	Maharashtra	74029	6492	13042	44217	4635	15629	2920	5090	11965	2992
22	Manipur	3115	153	41	307	22	348	49	12	95	10
23	Meghalaya	11230	289	158	1013	144	741	85	61	303	35
24	Mizoram	2027	89	33	649	6	762	102	58	415	22
25	Nagaland	1792	60	45	562	10	183	8	20	91	1
26	Odisha	53055	3795	1449	5982	1479	3045	558	270	860	250
27	Puducherry	251	101	90	237	82	204	100	69	182	57
28	Punjab	17506	5720	17377	17489	204	2279	899	1900	2155	84
29	Rajasthan	65299	10215	3254	18395	1565	3514	1042	391	1645	233
30	Sikkim	841	177	100	461	68	29	11	7	19	7
31	Tamil Nadu	36813	5134	3851	15660	1050	9102	1580	1500	5293	769
32	Telangana	25265	2040	2307	5263	288	5450	640	644	1876	146
33	Tripura	4005	250	45	364	36	303	34	24	120	22
34	Uttar Pradesh	138322	2403	938	6825	623	6871	734	292	1670	133
35	Uttarakhand	16405	618	339	4436	158	860	134	67	432	37
36	West Bengal	73139	5322	2046	8480	648	10327	1514	765	2446	229
	Total	1008960	69744	62212	206352	26150	107384	18105	16774	49125	9808

Source: UDISE 2020-21