

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

LOK SABHA
UNSTARRED QUESTION NO. 196
ANSWERED ON 01/12/2025

Smart Classrooms in Schools

196. Smt. Shambhavi:
Dr. D. Purandeswari:
Dr. Lata Wankhede:
Shri Rajesh Verma:
Shri Atul Garg:

Will the Minister of EDUCATION be pleased to state:

- (a) whether the Government is taking steps to introduce smart classrooms in schools located in rural and semi-urban areas in the country;
- (b) if so, the details thereof State/UT-wise including Bihar particularly in Khagaria & Samastipur, Andhra Pradesh particularly in Rajahmundry, Madhya Pradesh particularly in Sagar and Uttar Pradesh, particularly in Ghaziabad Parliamentary constituencies to enhance digital learning infrastructure, if so, the details thereof;
- (c) the details of the initiatives undertaken, including funding allocations, technology integration plans, teacher training, and partnerships with State, authorities and private organisations for setting up smart classrooms in these areas;
- (d) whether the Government has encountered any challenges or identified hindrances, such as lack of internet connectivity, electricity, technical expertise, or community awareness—in implementing smart classrooms in rural districts in the country;
- (e) if so, the nature and extent to hence challenges, State/UT-wise; and
- (f) the details of action plan proposed/being implemented by the Government to address and overcome such difficulties in the States including timelines, infrastructural upgrades, capacity- building measures and collaboration with local bodies to ensure the successful rollout of smart classrooms?

ANSWER

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

(a) to (c): 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 envisaging the ‘school’ as a continuum from pre-school to Grade 12, running in the country including rural and semi-urban areas. The vision of the scheme is to ensure inclusive and equitable quality education in accordance with the National Education Policy 2020.

Smart Classroom component of Samagra Shiksha covers Government and Aided schools having classes VI to XII. Under this component financial assistance is provided to States/UTs, including in rural and semi-urban areas for establishing Smart Classrooms in schools which includes interactive Digital Board/display unit, Operating System (OS), LCD/LED/plasma screen, printer, scanner, laptops/tablets/desktops etc.

Financial Provisions: The non-recurring grant for Smart Classrooms (2 smart classrooms per school) is of Rs.2.40 lakh and the recurring grant is Rs.38000/- (including E Content and Digital Resources, Charges for Electricity).

The States/UTs-wise details of Smart Classrooms approved is at **Annexure**. The details of Smart Classrooms in East Godavari district (includes Rajahmundry Parliamentary constituency) in Andhra Pradesh, Khagaria & Samastipur districts in Bihar, Sagar district in Madhya Pradesh and Ghaziabad district in Uttar Pradesh is as under: -

State Name	District Name	Smart Classroom
Andhra Pradesh	East Godavari	211
Bihar	Khagaria	135
	Samastipur	386
Madhya Pradesh	Sagar	275
Uttar Pradesh	Ghaziabad	122

Source: UDISE+ 2024-25

Under Samagra Shiksha, teacher capacity building for digital education is being supported through the Digital Infrastructure for Knowledge Sharing (DIKSHA), which provides e-content and digital learning resources. The Department has also implemented NISHTHA (National Initiative for School Heads' and Teachers' Holistic Advancement) as an integrated teacher training programme on DIKSHA, covering modules on digital pedagogy, use of ICT tools and technology-enabled learning. Further, NCERT, SCERTs, DIETs, BRCs and CRCs undertake development of resource material, digital content, training programmes and workshops to strengthen teachers' preparedness for digital education.

(d) 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. Central Government provides funds for digital initiatives component including Smart Classrooms under Samagra Shiksha, on the basis of requirement communicated by them in the Annual Work Plan and Budget (AWP&B).

The key challenges or limitation faced in implementing digital interventions such as Smart Class are of Capacity Building of teachers, Infrastructure setup, Uninterrupted internet connectivity etc.

Based on the UDISE+ data and funds approved in Project Approval Board's (PAB) meetings to States/UTs for the year 2025-26, there were gaps identified in saturating smart classrooms and other components in Secondary and Senior Secondary Schools in States/UTs. To address this gap, a supplementary PAB was conducted for the saturation of these facilities in 32 States/UTs, including Andhra Pradesh, Bihar, Madhya Pradesh and Uttar Pradesh.

The Government of India, in the Budget 2025, has announced provision of broadband connectivity to all Government Secondary schools in rural areas, under the 'BharatNet' project to enhance digital infrastructure in remote areas by BSNL in a phased manner. Based on feasibility, BSNL has identified 16,071 schools that are less than 500m from Optical Line Terminal (OLT) which are eligible in Phase-1 for high-speed internet connectivity.

The State/UT Governments have been advised to act based on the situation prevailing at every place to meet the demands of students and teachers for providing them with the digital access required for teaching learning digitally.

The National Education Policy 2020 calls for investment in digital infrastructure, online teaching platforms and tools, virtual labs, digital repositories, online assessments, technology and pedagogy for online teaching-learning etc., for which various initiatives have been taken. For school education, digital literacy programs have been extended to students, teachers and all stakeholders with necessary funding mechanisms under Samagra Shiksha for all States/UTs, in alignment with NEP 2020.

ANNEXURE REFERRED TO IN REPLY TO PARTS (a) TO (c) OF LOK SABHA UNSTARRED QUESTION NO. 196 FOR REPLY ON 01ST DECEMBER, 2025 ASKED BY HON'BLE MEMBERS OF PARLIAMENT SMT. SHAMBHAVI, DR. D. PURANDESWARI, DR. LATA WANKHEDE, SHRI RAJESH VERMA AND SHRI ATUL GARG REGARDING SMART CLASSROOMS IN SCHOOLS

Smart Classrooms Approved	
States/UTs	Approval
Andaman and Nicobar Islands	49
Andhra Pradesh	6840
Arunachal Pradesh	345
Assam	7146
Bihar	11586
Chandigarh	186
Chhattisgarh	10771
D&D - DNH	192
Delhi	5696
Goa	87
Gujarat	7155
Haryana	3556
Himachal Pradesh	2858
Jammu and Kashmir	4428
Jharkhand	2459
Karnataka	4099
Kerala	752
Ladakh	165
Lakshadweep	0
Madhya Pradesh	12573
Maharashtra	6006
Manipur	565
Meghalaya	25
Mizoram	244
Nagaland	712
Odisha	11776
Puducherry	152
Punjab	3928
Rajasthan	16891
Sikkim	301
Tamil Nadu	9832
Telangana	6248
Tripura	1162
Uttar Pradesh	34533
Uttarakhand	2829
West Bengal	581
Total	176728

Source: PRABANDH Portal (as on 10.11.2025)