

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

RAJYA SABHA
UNSTARRED QUESTION NO. 2902

ANSWERED ON 18/03/2026

EdTech providers

2902 **Dr. M. Dhanapal:**

Will the Minister of *Education* be pleased to state:

- (a) whether Government has considered the integration of adaptive learning systems that adjust content, pace and assessments based on individual progress to address persistent learning gaps, especially in foundational literacy and numeracy;
- (b) if so, the details of pilot programmes, partnerships with EdTech providers and teacher training modules introduced to ensure effective use of adaptive tools in classrooms; and
- (c) the steps proposed by Government to scale adaptive education initiatives while ensuring equitable access for students in rural, remote and underserved areas?

ANSWER

MINISTER OF STATE IN THE MINISTRY OF EDUCATION
(SHRI JAYANT CHAUDHARY)

(a) to (c): In order to promote Digital Education, the Ministry of Education has developed Digital Infrastructure for Knowledge Sharing (DIKSHA), which is the Nation's digital infrastructure for providing quality e-content for school education in States/UTs and QR coded Energised Textbooks (ETBs) for all grades (One Nation, One Digital platform). Under DIKSHA, for the Grades IX and X, content on Mathematics and Science are delivered as an adaptive learning course following NCERT curriculum. DIKSHA Personalised Adaptive Learning (PAL) uses AI-driven tools to tailor educational need of each and every student in a personalised way, helping them learn at their own pace, bridge learning gaps and improve learning outcomes. It benefits both students and teachers by making learning more engaging, personalised and effective. DIKSHA also helps teachers prepare tailored lesson plan that helps them in addressing the needs of individual student in the class.

Further, Teacher's Assistant for Reading Assessment (TARA) app has been developed by IIT-Bombay, which is being used by KVS currently for assessing the reading ability of the children from Grade 3 onwards using adaptive learning and AI.

The States/UTs also leverage the feature of adaptive learning courses and create courses as per their curriculum. In addition, the States/UTs are using & piloting various adaptive learning modules for various stages. A pilot launched in the district of Thane got expanded to other areas of the State of Maharashtra as NIPUN Maharashtra initiative. PadhaiWithAI, an AI based personalised tutoring platform with bilingual support, was rolled out in the Tonk district of Rajasthan, under the LAKSHYA 2025 campaign, helped in improving the Board exam results of Class X RBSE students of government schools.

To improve the Learning Outcomes at Foundational Stage (3 years of Balvatika and Grades 1 & 2), Jaadui Pitara, a Collection of Learning-Teaching material for 3 to 6 years age group, was developed and launched on 20th February, 2023, following which, the e-Jaadui Pitara, was launched on 10th February 2024 which is an app and website with integration of the latest technology with play-based pedagogy and a way to disseminate the learning of Jaadui Pitara and transcend it beyond the four walls of the classroom. The e-Jaadui Pitara is part of a National Mission called “National Initiative for Proficiency in Reading with Understanding and Numeracy (NIPUN Bharat)”.

Education is part of the Concurrent List of the Constitution and most of the Government schools are under the administration of the State Government and its bodies. The Ministry of Education implements ICT and Digital initiatives under Samagra Shiksha to enhance digital learning in Government schools across the country, including rural, remote and underserved areas. The initiatives aim to enhance the quality of education by integrating technology into teaching and learning processes. Under the initiatives, funds are provided for setting up ICT Labs and Smart Classrooms according to the requirements of the State submitted in the Annual Work Plan & Budget (AWP&B).

The Ministry of Education is implementing Integrated Teacher Training Programme called NISHTHA (National Initiative for School Heads' and Teachers' Holistic Advancement) to improve learning outcomes. NISHTHA courses including Foundational Literacy and Numeracy (FLN), Early Childhood Care and Education (ECCE), Elementary and Secondary Education. The Programme is conducted in offline mode as well as in online mode through the DIKSHA platform.
