

GOVERNMENT OF INDIA  
MINISTRY OF EDUCATION  
DEPARTMENT OF HIGHER EDUCATION

**LOK SABHA**  
**UNSTARRED QUESTION NO. 5863**  
ANSWERED ON 30.03.2026

**Utility of AI in Teaching-Learning System**

†5863. Dr. Sambit Patra:

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

- (a) whether the Government has formulated any policy on the utility and feasibility of AI for promoting teaching and learning in Indian languages in school and college education, if so, the details thereof;
- (b) whether the Government has any long-term plan to improve the teaching-learning system using 'Bodhan AI', if so, the details thereof;
- (c) whether the Government has taken any steps for the development of digital public infrastructure in the field of education, if so, the details thereof; and
- (d) whether the Government has formulated any programme to train teachers in the education sector proficient in the use of AI tools and if so, the details thereof?

**ANSWER**

MINISTER OF STATE IN THE MINISTRY OF EDUCATION  
(DR. SUKANTA MAJUMDAR)

(a) to (d): The National Education Policy (NEP) 2020 highlights the importance of multilingualism and places strong emphasis on the promotion of all Indian languages. In alignment with the objectives of NEP 2020, the Government of India has undertaken several initiatives on promoting education in Indian languages. These efforts have further been augmented through the adoption of Artificial Intelligence and Machine Learning (AI/ML) technologies, including the development of Large Language Models, translation tools and language-enabled digital services in Indian languages.

In alignment with the vision of NEP 2020 and to "Make AI in India and Make AI work for India", the Government of India has established a Centre of Excellence in AI (AI-CoE) for Education at IIT Madras called as 'Bodhan AI'.

Bodhan AI represents a collaborative effort between IIT Madras and other academic institutions. It has been designed to undertake strategic initiatives to transform education processes through AI-enabled tools and infrastructure.

Government of India has also started the BharatGen project, which is a multimodal Large Language Model Project focused on developing efficient and inclusive AI solutions that support all 22 Scheduled languages and enable the creation of a robust digital AI infrastructure for India's unique socio-cultural context and diverse sectors.

Further, to facilitate the translation of content into Indian languages, technological advancements include the development of AI-based translation tools such as ANUVADINI by

the All India Council for Technical Education (AICTE) and BHASHINI, an initiative under the Digital India Programme.

BHASHINI has developed state-of-the-art AI models for Indian languages through a collaboration of over 70 research partner institutes. At present, BHASHINI platform hosts a repository of over three hundred fifty AI-based language models and provides more than twenty-two specialised language services. The National Language Translation Mission through the BHASHINI platform is digitising large volumes of text and speech data across all 22 scheduled languages.

Further, extensive linguistic resources for scheduled Indian Languages have been developed by the Central Institute of Indian Languages (CIIL) of the Ministry of Education under the Linguistic Data Consortium for Indian Languages (LDC-IL) scheme. Since 2019, LDC-IL has provided resources to government agencies, government-promoted initiatives, researchers, and commercial and industrial users engaged in developing language technologies.

Ministry of Education implements ICT and Digital initiatives under Samagra Shiksha to enhance digital learning in Government schools across the country. The initiatives aim to enhance the quality of education by integrating technology into teaching and learning processes. Under the scheme, funds are provided for setting up ICT Labs and Smart Classrooms according to the requirement submitted by States.

A comprehensive initiative called PM eVidya was initiated as part of Atma Nirbhar Bharat Abhiyaan on 17th May, 2020, which unifies all efforts related to digital/online/on-air education to enable multi-mode access to education across the country.

Further Digital Infrastructure for Knowledge Sharing (DIKSHA) is the Nation's digital infrastructure for providing quality e-content for school education in States/UTs and QR coded Energized Textbooks (ETBs) for all grades (One Nation, One Digital platform).

To ensure that educators remain informed about emerging technologies, capacity building/consultation workshops are regularly organised by the Ministry and various bodies in consultation with stakeholders. For instance, the Central Institute of Educational Technology (CIET) has launched online training programs on "Artificial Intelligence for Education." These programs aim to educate teachers, trainers, and students on AI applications in education.

The All India Council for Technical Education Training and Learning (ATAL) Academy conducts quality faculty development programs for imparting/upgrading faculty knowledge in emerging areas including AI and ML, in collaboration with academia and industry.

The Capacity Building Program on Artificial Intelligence (CBAI), implemented under the Malaviya Mission Teacher Training Program of the Ministry of Education promotes the integration of AI and other emerging technologies in education. The program is designed for faculty and academic leaders to strengthen their competencies towards developing AI-Driven Education tools and prompting research in AI to improve teaching methodologies.

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