

**GOVERNMENT OF INDIA
MINISTRY OF EDUCATION
DEPARTMENT OF HIGHER EDUCATION**

**RAJYA SABHA
UNSTARRED QUESTION NO-374
ANSWERED ON-22/07/2026**

Integrating AIML in education

374 Smt. Rekha Sharma:

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

- (a) whether Government has formulated a roadmap for integrating Artificial Intelligence, Machine Learning (AIML) and emerging technologies in school and higher education;
- (b) the major initiatives undertaken in this regard;
- (c) the institutions covered thereunder; and
- (d) the expected benefits for students and researchers?

ANSWER

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

(a) to (d): Government of India has framed the National Education Policy (NEP) 2020 with an aim for holistic development of students. NEP 2020 envisions integration and use of technology in the education ecosystem including emerging technologies such as Artificial Intelligence. In line with the vision of NEP 2020, the Ministry of Education has taken key initiatives to upgrade curricula, strengthen faculty capacity, and develop digital infrastructure in order to create AI-ready talent pipeline.

To upgrade school curricula, the National Council of Educational Research and Training (NCERT), in collaboration with Central Board of Secondary Education (CBSE), has developed resources for computational thinking and AI Curriculum for both teachers and students from grade 3 to 8. For higher education, the All-India Council for Technical Education (AICTE) has developed Model Curriculum in areas such as Artificial Intelligence, Data Science, Space Technology, Electronic Engineering (VLSI Design and Technology), Robotics and etc.

To develop the capacity of teachers in leveraging technology, focused efforts have been made by NCERT in organising training activities on AI, covering more than 96,000 beneficiaries through these programs. Similarly, CBSE organises capacity building programme to sensitise teachers to the application of AI tools in teaching, learning, and assessment, as well as their relevance in educational management and administration. In last 3 years, 1234 programmes have been conducted, benefitting 64775 teachers of CBSE affiliated schools.

Additionally, the Malaviya Mission Teacher Training Programme (MMTTP) is a capacity-building initiative of the Ministry of Education, aimed at faculty members in higher education institutions. Under MMTTP, the Capacity Building Programme on Artificial Intelligence (CBAI) has been

introduced for faculty members. The programme aims to modernise pedagogical practices and support the integration of emerging technologies within the higher education ecosystem. In addition to CBAI, MMTTP offers a range of Short-Term Programmes (STPs) and Refresher Courses (RCs) including on E-Content Development, AI and Online Pedagogy. More than 100 such programmes have been conducted benefiting more than 13000 participants across these two initiatives.

Further, with an objective of improving access to AI knowledge and skills, the Ministry of Education's Study Webs of Active Learning for Young Aspiring Minds (SWAYAM) online platform has delivered over 140 free AI-related courses, curated by premier institutions such as the IITs, IISc among others. As on date, more than 50 lakh enrolments have been recorded in these courses.
