

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

LOK SABHA
UNSTARRED QUESTION NO. 2391
ANSWERED ON 04.08.2025

AI Education in Schools and Colleges

2391. Shri Magunta Sreenivasulu Reddy:
Shri Krishna Prasad Tenneti:
Dr. Ricky Andrew J Syngkon:

Will the Minister of EDUCATION be pleased to state:

- (a) whether the Government has introduced courses on Artificial Intelligence (AI), Machine Learning (ML) and other technological innovations in schools in the country during the last five years;
- (b) if so, the details thereof and the measures being taken to train teachers in the use of AI tools in education;
- (c) the details of the list of schools offering such courses in the country, State/UT-wise, particularly district-wise in Andhra Pradesh and in Prakasam District;
- (d) whether the Government has undertaken any training programmes/initiatives for teachers in schools to make them better equipped with AI, ML and other technological innovations in Andhra Pradesh, district-wise particularly in Prakasam District;
- (e) if so, the details thereof;
- (f) whether the Government has any schemes/initiatives to provide proper infrastructure in schools for courses in AI, ML and other technologies; and
- (g) if so, the details thereof and the total number of schools where such infrastructure has been established in Andhra Pradesh, district-wise and in Prakasam District?

ANSWER

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

(a) to (g) The National Education Policy (NEP) 2020 has emphasized the importance of AI and its role in school curriculum. NEP, 2020 at Para 4.24, inter-alia, provides that “Curricular Integration of Essential Subjects, Skills, and Capacities”, the policy mentions that Concerted curricular and pedagogical initiatives, including the introduction of contemporary

subjects such as Artificial Intelligence, Design Thinking, Holistic Health, Organic Living, Environmental Education, Global Citizenship Education (GCED), etc. at relevant stages will be undertaken to develop these various important skills in students at all levels.”

Further, NEP 2020 has acknowledged the importance of AI, IoT, 3D printing and other such emerging technologies and recommended their inclusion in the curriculum at appropriate stages.

Education is a subject under the Concurrent List of the Constitution, it is for the respective State and Union Territory (UT) Governments to decide on the modalities of implementing the Artificial Intelligence (AI), Machine Learning (ML) and other technological innovations in accordance with the spirit and recommendations of the NEP, 2020.

However, with regard to schools affiliated with the Central Board of Secondary Education (CBSE), as per recommendations of the NEP, 2020, CBSE offers AI as a 15-hour skill module from Class VI onwards. CBSE also offers AI as an optional subject from class IX – XII. The details of CBSE schools offering AI as a skill subject/ skill module across the country are as under:

Classes	No. of schools
VI-VIII (as Skill module)	8,834
IX-X (as Skill subject)	7,072
XI-XII (as Skill subject)	2,933

The details of CBSE schools in Andhra Pradesh and in Prakasam district offering AI:

State/ District	Class	Schools offering AI
Andhra Pradesh (including Prakasam district)	X	75
	XII	7
Prakasam	X	5
	XII	1

Since 2019, CBSE has trained more than 10,000 teachers across the country on its AI curriculum with the support of experts from Intel, IBM, NIELIT and other higher educational institutions.

The existing class XI textbooks of Computer Science (Chapter 3, <https://ncert.nic.in/textbook.php?kecs1=ps-11>) and class XI - Informatics Practices (Chapter 2, <https://ncert.nic.in/textbook.php?keip1=ps-8>) developed by the National Council of Educational Research and Training (NCERT) talks about AI, IoT and other emerging technologies. Further, NCERT has used AI/ML technologies to translate the newly launched textbooks of Grade 1 and 2 in all 22 Indian Languages.

The Central Institute of Educational Technology (CIET)-NCERT conducts online webinars which cover various themes related to Educational Technology (ET) and Information and Communication Technology (ICT) in education to orient teachers, students and parents about the role of AI and its relevance in education. The webinar encompasses topics related to creation and dissemination of e-content, Content-Pedagogy- Technology integration, use of ICT in teaching-learning and assessment, OER, use of various ICT tools, creation of AR/VR contents, mobile app and AI based platforms etc. So far, a total of 1400+ sessions have been organized. Details are available at <https://ciet.ncert.gov.in/webinar>

The Ministry of Skill Development and Entrepreneurship also launched a national level initiative SOAR (Skilling for AI Readiness) aimed at embedding AI awareness and foundational skills among school students (Classes 6–12) and building AI literacy among educators. The programme seeks to bridge the digital divide by ensuring equitable access to AI education across geographies, thereby supporting the national agenda of inclusive, future-ready skilling. SOAR comprises three progressive 15-hour modules for students—AI to be Aware, AI to Acquire, and AI to Aspire—and one independent 45-hour module for teachers titled AI for Educators. The program introduces concepts such as AI basics, generative AI, AI in daily life, programming fundamentals, ethics, cybersecurity and future career opportunities.

DIKSHA (Digital Infrastructure for Knowledge Sharing), an initiative of NCERT has integrated AI based features such as: AI based key-word search enablement in Videos to easily filter the relevant concepts within videos, Read-aloud feature which can help visually impaired students making it more inclusive.

e-Jadui Pitara - a multimodal access platform, is an extension of the Physical Jadui Pitara. The eJaadui Pitara features three bots - Student Bot (Katha Sakhi), Parent Bot (Parent Tara) and Teacher Bot (Teacher Tara) that provide access to early childhood educational content in multiple Indian Languages using AI

Further, ICT and Digital Initiatives component of Samagra Shiksha covers Government and Government Aided Schools having classes VI to XII. Under this component financial assistance is provided for establishing ICT Labs and Smart Classrooms in schools. The non-recurring/recurring grant under 'ICT and Digital Initiatives' is available to the States and UTs. As per UDISE+ 2023-24 report, 4,76,669 schools are having functional Desktops/PCs, 2,56,392 schools are having functional laptops/notebooks, 2,75,857 schools are having functional tablets and 3,59,457 schools are having functional Smart Classrooms used for teaching with Digital Boards/ Smart Boards/ Virtual Classrooms/ Smart TVs, and 7,92,992 Schools have internet facilities across India. The detailed reports can be accessed at UDISE+ portal. (<https://udiseplus.gov.in/#/en/page/publications>).
