

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

RAJYA SABHA
UNSTARRED QUESTION NO. 360
ANSWERED ON 23.07.2025

Impact Assessment of AI curriculum in CBSE schools

360 **Shri Sujeet Kumar:**

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

- (a) the number of CBSE-affiliated schools that have adopted the Intel and IBM-developed AI modules since the 2019 pilot—disaggregated by those offering AI as an elective versus integrated into the general curriculum;
- (b) the percentage of trained teachers who have delivered AI modules using IBM SkillsBuild and whether certification targets of 5,000 educators have been met;
- (c) the number of students who have completed capstone AI projects and how many have advanced to hackathons, incubation, or publication; and
- (d) whether CBSE has assessed the curriculum's impact on students' computational thinking or coding proficiency, if so, key findings thereof?

ANSWER

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

(a) to (d): CBSE introduced Artificial Intelligence (AI) as an optional elective skill subject in class IX from the session 2019-2020. AI was also introduced as optional Skill module (15 hours) for the students of class VIII in the same session. Board has started offering AI as an optional elective skill subject in class XI from the session 2020-21. Board had signed MOU with Intel and IBM to promote emerging technology-based curriculum in school; accordingly, curriculum and the content for the AI course was prepared by the Board with support of experts from Intel, IBM and other higher educational institutions. Number of schools and students offering AI as an optional skill subject since session 2019-2020 is as follows:

Session		Class 9	Class 10	Class 11	Class 12
2019-2020	Schools	235	-	-	-
	Students	15645	-	-	-
2020-2021	Schools	630	230	80	-
	Students	54584	15522	2048	-
2021-2022	Schools	1680	675	190	76
	Students	157485	53299	4944	1978
2022-2023	Schools	2319	1832	296	186
	Students	235399	150870	7575	4421

2023-2024	Schools	3341	2641	576	318
	Students	339108	225602	17104	7441
2024-2025	Schools	4543	3643	944	605
	Students	469454	321066	33933	16428

The Board has conducted Future Tech Olympiads; wherein IBM Skill Build platform was used to empower students on cutting edge technology like AI. As per the MoU, CBSE has trained more than 10,000 teachers on AI curriculum with the support of experts from Intel, IBM, NIELIT and higher educational institutions.

Capstone projects are a part of the CBSE AI curriculum for classes XI & XII students. Some of them also participate in various events. From 2020-2024, CBSE has organized 07 events including 02 National Skill Expos, 03 Ideathons and 02 Future Tech Olympiad. A total of 35,000 students including children who were part of AI Curriculum, have participated in CBSE events.

The Board has not undertaken any study on the impact of computational thinking or coding proficiency among students opting for AI as skill subject.
