



Use of AI for School Education in Chhattisgarh

Why in News?

According to the officials, **Chhattisgarh government's education department** is using [Artificial Intelligence \(AI\)](#) to improve school education and programmes like midday meals.

Key Points

- AI systems are being **utilized to track student performance, oversee sanitation, monitor toilet cleanliness, and assess manpower status.**
 - Additionally, a [geo-fenced attendance system](#) will be implemented to ensure **teacher presence in schools**, enhancing accountability and student safety.
 - AI-powered systems will be used in **monitoring food by analysing vegetable freshness, rice texture, and oil content** to objectively assess meal quality.
- The state government is collaborating with the [Indian Institute of Technology \(IIT\) Bhilai](#) to develop software and mobile apps for monitoring schools and students.
- [Vidya Samiksha Kendra](#) is set up in Raipur **to implement the AI system**. It will be used for **online monitoring and data analysis of various beneficiary-oriented schemes** operated by the school education department.
 - Information and facilities related to government schemes will be **available to students, parents and teachers.**
 - A toll-free phone number will be issued to solve problems related to students, parents, and teachers.

Vidya Samiksha Kendras (VSKs)

- VSK is aimed at **leveraging data and technology** to bring a big leap in learning outcomes.
- This will cover data of more than **15 Lakh schools**, 96 Lakh teachers and 26 Crore students and analyze them meaningfully using big data analysis, [Artificial Intelligence \(AI\)](#) and machine learning in order to enhance the overall monitoring of the education system and thereby improving learning outcomes.