Use of AI for School Education in Chhattisgarh | Chhattisgarh | 23 Aug 2024

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.

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