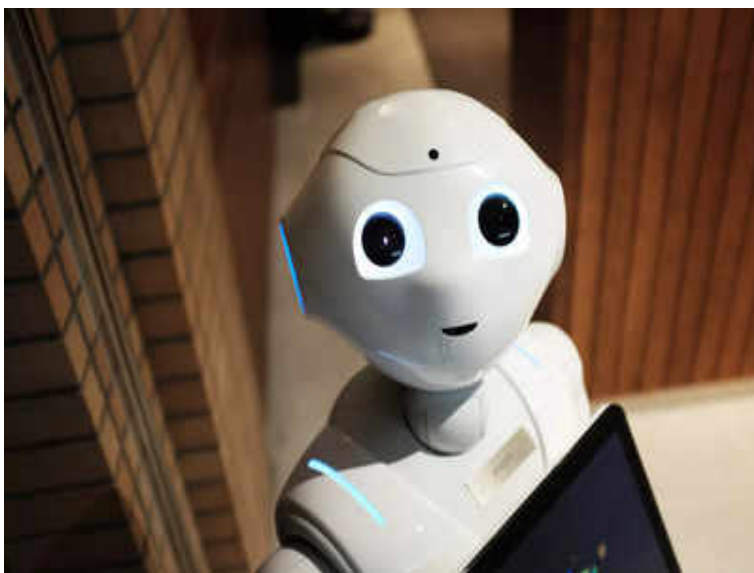Printed from

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Now, a British school has a robot as its Principal Headteacher: 5 practical AI applications for classrooms

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Artificial Intelligence (AI) is one of the most transformative and innovative technological advancements of today's times. Rooted in the concept of creating intelligent machines that can mimic human-like thinking processes, AI encompasses a wide range of technologies and applications. AI is revolutionising many industries today by automating tasks earlier handled by humans, such as manufacturing, customer service, transportation, and healthcare. In a remarkable development, a preparatory school in the United Kingdom has appointed an AI robot as its "principal headteacher."

Cottesmore School, located in West Sussex, teamed up with an AI developer to design Abigail Bailey, the AI robot, with the aim of assisting the school's headmaster. The technology works much like ChatGPT, the online AI service where users input questions and receive answers generated by the chatbot's algorithms.

The impact of artificial intelligence on education has been profound and far-reaching, transforming the way students learn and teachers instruct. Below in this article, you can check out 5 AI applications to help students and teachers in classrooms.

1. Personalised Learning

AI can be used to create personalised learning experiences for each student. This can be done by analysing

student data, such as past performance, learning style, and interests, to identify their strengths and weaknesses. AI can then generate customised learning plans and provide feedback to help students progress at their own pace.

2. Adaptive Learning

Adaptive learning is a type of personalised learning that uses AI to adjust the difficulty of learning materials in real time based on student performance. This allows students to learn at their own pace and without getting frustrated or bored.

3. Intelligent Tutoring Systems

Intelligent tutoring systems (ITS) are AI-powered programs that can provide students with one-on-one tutoring. ITS can answer students' questions, provide feedback on their work, and help them to identify and correct mistakes.

4. Automated Grading System

AI can be used to automate the grading and assessment of student work. This can free up teachers' time so that they can focus and spend more time on teaching and providing feedback to students.

5. Accessibility Tools

Artificial Intelligence can be used to create accessibility tools for students with disabilities. For example, AI can be used to transcribe audio recordings into text or to translate text into different languages.