

Advantages of using AI in Teaching**Dr.Narendra Vasant Pathak**

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We can use AI in Humanities, science, technology, medical. Chat –GPT, Google lens, Jasper, Ask AI and Gemini are technology tools being used today. AI offers numerous opportunities to enhance literature education. Learning can become personalized and interactive with advanced AI technology. Students can receive instant feedback on their written assignments, helping them improve their writing skills and understanding of literary concepts in real-time. AI can analyze student performance data to identify common areas of struggle, allowing educators to adjust their teaching strategies accordingly. AI can provide access to extensive databases of literary resources, including articles, summaries, and analysis making it easier for students to conduct research and deepen their understanding of texts for non-native English speakers; AI tools can offer language support, including translations and explanations of complex literary terms and idioms. : AI can suggest a wider variety of texts, including contemporary and diverse works, encouraging students to explore literature from different cultures and perspectives. AI tools can assist students in creative writing exercises by providing prompts or generating story ideas, stimulating their imagination and helping them explore their own voices as writers. AI can help teachers with administrative tasks, such as grading and curriculum planning, allowing them to focus more on teaching and mentoring students.

Key Words- Artificial intelligence , ChatGpt, Google, Jasper, administrative tasks, curriculum planning, teaching and mentoring students, Personalized ,learning, data analysis, enhancing ,creativity, Support, teachers.

Introduction

With the advancement in technology education has changed rapidly and AI plays a very crucial role in it. AI is not meant to replace teachers but to enhance the teaching learning process more interactive and effective (Luckin, 2018). AI powered tools help students to learn at their own pace. This is particularly significant in teaching literature, where these tools can enhance engagement, deepen understanding, and foster a more collaborative learning environment. The recent innovations in Artificial Intelligence has removed barriers and made more efficient use of technology. Developments in AI have made communication

very fast. It helps to solve difficult tasks very easily. We can translate complex documents instantly and can use various writing styles with greater accuracy. AI allows students to learn at their own speed by analyzing their strength and weakness. We can use AI in Humanities, science, technology, medical. Chat –GPT, Google lens, Jasper, Ask AI and Gemini are the numerous tools which offer solutions to every complex problem. AI offers numerous opportunities to enhance literature education. The oral and written communication process has constantly evolved throughout the century. This paper explores the advantages of AI in the teaching- learning process and how it benefits students as well as teachers.

Advantages of Using AI in Teaching

Personalized Learning: AI can design reading materials and worksheets to individual students' skill levels and liking, ensuring that each student engages with texts that are appropriate for their learning pace and style (Holmes et al.). It can impart direction on how to do something. The students can create and deliver information more safely efficiently and effectively with the help of technical systems or software services. AI can create more easily accessible information for specific types of students. Students can study specialized topics with the help of computer application. AI can provide instructions about how to learn with the help of technology. Students can revise the lessons with the help of the technology when they are unable to understand learning in the classroom. Technology helps them to understand difficult topics. Software instructions help users to be more successful on their own. Well-designed programs provide students with new skills and make them more interactive.

Interactive Learning: AI-driven applications can provide interactive quizzes and games that make learning literature more engaging, interesting, enhancing students' comprehension and retention of material. AI-driven virtual tutors provide learning support to students. They explain complex topics in a very easy and interactive manner. Students can take their guidance at any time. AI tutors track their progress and suggest improvement. Google Gemini and Socratic are the tools which help students to solve their homework by analyzing queries.

Immediate Feedback: With AI tools, students can receive instant feedback on their written assignments, helping them improve their writing skills and understanding of literary concepts in real-time. AI recognizes the issues and it gives resolutions for improving the work in studies. Some students may find it difficult to express their thoughts with the teacher and on such occasions AI can help to solve the problem. AI doesn't make differences according to sex, race or religion. Sometimes obscure language cannot be understood by students. Technology can solve the problem to make the easy interpretation of the difficult task. Students can give the immediate reply.

Data Analysis: AI can analyze student performance data to identify common areas of struggle, allowing educators to adjust their teaching strategies accordingly. If there is carelessness in the work of faculty, AI can instruct them to make corrections. Sometimes the teacher takes it for granted that the receiver has knowledge of basic things. But technology helps learners to learn the minor things in their studies. Machine translation services like Deep help in translating complex documents and nuanced writing styles with greater accuracy. It allows researchers and businesses to share knowledge in the medical, literature

and sciences field.

Speech and Language Recognition: AI powered language models such as ChatGpt and Google Translate generate and translate human language with greater accuracy. Students can interact with Google Assistant and Siri to learn new concepts. People with disabilities are benefitted by speech- to- text or text- to- speech features. AI virtual assistants like Siri, Alexa & Google Ass. Recognize and respond to voice commands. AI powered transcription services such as otter and Rev.com convert speech into text. It's beneficial for professional journalists and people with disabilities. Grammar and style checkers such as Grammarly and Prewriting Aid enhance writing quality & accuracy.

Resource Accessibility: AI can provide access to extensive databases of literary resources, including articles, summaries, and analyses, making it easier for students to conduct research and deepen their understanding of texts. Vast data is available on internet technology and has become a necessary part of our lives. Today everyone uses technology in its own way to reach the target. Numerous resources are available through technology. Every field has been embraced by AI. During the past limited resources were available but nowadays things are simple through AI.

Language Support: For non-native English speakers, AI tools can offer language support, including translations and explanations of complex literary terms and idioms. It is beneficial for the people who are working in multinational companies and facing the barrier of language. AI can help to solve language problems. It can translate any language and it may solve the problem. Employers and employees can work without face to face communication with the help of AI.

Engagement with Diverse Texts: AI can suggest a wider variety of texts, including contemporary and diverse works, encouraging students to explore literature from different cultures and perspectives. While studying literature, AI can suggest foreign students the Indian culture and traditions. It can also suggest to Indian students the foreign culture and traditions. Students can get vast knowledge from different cultures, religions and traditions.

Facilitation of Discussions: AI can help facilitate classroom discussions by suggesting topics or questions based on the texts being studied, promoting critical thinking and in-depth analysis. AI can provide instructions for discussion on various topics with the help of the discussion so students can understand the topic easily.

Enhancing Creativity: AI tools can assist students in creative writing exercises by providing story ideas, stimulating their imagination and helping them explore their own voices as writers. AI can provide the opportunity for students to be a good writer. It can help them to develop writing skills. Through AI students can connect with readers and authors worldwide. This exposure to diverse interpretations and cultural contexts enriches their understanding of literature. For instance, joining a global reading challenge on platforms like Good reads can prompt discussions about how different cultures interpret similar themes. It enhances students' critical thinking skills.

Support for Teachers: AI can help teachers with administrative tasks, such as grading and curriculum planning, allowing them to focus more on teaching and mentoring students. AI has transformed the way people communicate and share information, making them valuable tools in literature education. By these platforms, educators can create more dynamic and

interactive learning experiences. AI allows students to connect with peers and share their thoughts on literature in real time. It can serve as virtual book clubs, where students post reviews, discuss themes, and share quotes that resonate with them. This communal reading experience can enhance motivation and foster a sense of belonging among students

Editing style: AI driven tools such as Good style makes writing more interesting and appealing. AI can help in graphics, punctuation marks, and tenses to students. It checks the document grammar, punctuation and sentences.

Screen Time Concerns and Digital literacy: There are valid concerns about excessive screen time and its impact on students' health and focus. To address this, educators should strive for a balanced approach that incorporates both digital and traditional methods (World Economic Forum). Assigning physical books alongside digital discussions can help maintain this balance. Not all students possess the same level of digital literacy, which can lead to disparities in engagement and understanding. Educators must provide guidance on using these tools in a safe and smart way. Incorporating digital literacy into the curriculum ensures that all students can navigate AI resources and social media platforms confidently.

Integrating AI into literature education offers transformative possibilities. AI can provide personalized learning experiences and enhance literary analysis, while social media fosters community, creativity, and global perspectives. By embracing these technologies, educators can create a more engaging and effective literature curriculum that resonates with today's students.

However, successful integration requires thoughtful consideration of the challenges these tools present. By addressing issues related to digital literacy, screen time, focus, and privacy, educators can harness the full potential of AI and social media to enrich literature education. In doing so, they prepare students not only to appreciate literature but also to engage critically with the world around them, fostering lifelong readers and thinkers. These advantages make AI a valuable tool in modern English literature education, enhancing both teaching and learning experiences.

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