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Integrating Artificial Intelligence for Effective Teaching

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Abstract

The modern world is dominated by artificial intelligence and the use of English. Technological developments have changed the face of society. The term AI is complex in nature as it refers to different systems. The entire world is utilising AI tools for future advancements. Educational progress and the expansion of education play an important role in national development. Education shapes human life, and therefore teaching and learning have certain value. To enhance our understanding of the English language, AI plays a crucial role. Effective Teaching strategies increase learners' understanding. AI provides various tools and strategies for effective teaching of English. These new, innovative, interesting strategies and tools of AI make learning and teaching English more enjoyable and effective. The integration of artificial intelligence for teaching English is necessary for enhancing our understanding of different domains. The new educational policies are promoting extensive use of ICT to maximize learning resources. Smarter data-driven tools of AI boost human capabilities. These AI tools support teachers in making the learning process more effective, useful and systematic.

Keywords: *Artificial intelligence, teaching strategies, domains, learning resources, ICT, AI tools*

1. Introduction

This paper is an attempt to explore the importance of AI tools, which are very useful, and the integration of these tools will enhance the understanding of the learners, at the same time make the teaching interesting and useful. This paper tries to highlight the use of AI tools in the teaching of English. Therefore, having the prime focus on the English language, the attempt is made to shed light on some important AI tools, which are very useful for the teachers of English to make their teaching easy, impactful and entertaining. AI is used in almost every domain, as it gives immediate and demanding results. It has provided countless possibilities, and therefore, using AI wisely is necessary. Moreover, the majority of the AI-driven apps, websites and search engines are in English, and therefore there is a rising demand of English.

The present scenario shows how advanced tools and technologies are utilised for better

and quicker results to meet the demands. The digital platforms provide easy access for internet users. It has localised the world. Social media and e-content sharing have given easy access to everyone across the globe to know and share information. The advancements and dominance of AI have provided new advanced platforms for performing in a better way. The learning of any domain or language is no longer difficult because AI provides whatever we want. Therefore, the traditional teacher-centred lecture method is replaced, and importance is given to the student-centric learning methods. At present, blended learning has been given more weightage in education from KG to UG, and various digital platforms are utilised. This integration of AI is enhancing the understanding of the learners by providing them with experiential learning. Practising these AI tools has become a necessity. Even the government is promoting the use of the internet for easy access to AI-driven tools. The reputed universities, institutions, college and schools are promoting the online digital platform for strengthening the educational institutions. The role of the teacher plays a crucial role in the holistic development of the students. Effective teaching strategies and facilities yield positive outcomes. Therefore, to meet the demands of the students is a very challenging task for the teacher. Today's teacher needs to be techno-savvy to create awareness among the students for the access of ICT enabled devices. English is an international language and provides opportunities. As a result, understanding and mastering English has always been given the topmost priority.

English helps to access and understand technology as it is used globally and used for documentation and programming. Learning English becomes essential for mastering technology. It has accorded a special status to the English language. Learning and mastering English is now possible with the help of AI-driven tools. These tools help the teachers of English to adapt technology for effective teaching and better results. AI tools help teachers from admission to result.AI helps to conduct various activities in the class. These AI-driven apps give a helping hand to teachers to provide access and conduct various activities for the students.

2. AI tools for Learning English

Many institutions, universities and colleges are using AI tools to make learning English easy and interesting. The following are some of the important AI tools to learn, understand and master English:

- **Intelligent Computer-Assisted Language Lab (ICALL)**: These labs are available in many institutions and colleges, which provide access for the evaluation of the written work. Speech recognition and pronunciation practices are also provided with the help of chatbots. Such labs prove to be useful for practice. Constant practice of the intelligent computer-assisted language lab assists the students improve their performance.

- **Useful Websites:** BBC Learning English, British Council, and Cambridge English are the standard and very useful websites that use AI engines to provide ample practice of activities and for assignments and results. These websites are used worldwide as the standard sources for learning comprehensive English. These websites prove to be very useful for learners of English, as the learners can have access to them whenever they desire. Even the learners come to know about their mistakes and get the chance to know and correct them. These websites are like complete packages that provide all types of support to know and correct their mistakes.
- **AI Tools for Vocabulary Building:** Vocabulary plays a vital role in understanding, mastering and using English appropriately. To increase the vocabulary, AI tools play an important role. Quizlet, Smalltalk2me, Twee, wordUp, wordtune, vocabulary.com, Duolingo, and Memrise help to master vocabulary. Even these platforms provide word alternatives, exercises and quizzes for practice. Therefore, these sources are used by the majority of English learners worldwide. Many online dictionaries use AI for explaining and defining words along with usage. Mobile phones can help learners learn English as play store provides countless apps for mastering English. The teacher can provide internet access in the classroom and customise these sources and online dictionaries for the vocabulary growth of learners. These tools help the students to know the most appropriate words and their usage.
- **AI Tools for Conversational Practice and Pronunciation:** Linga, Smalltalk2me, ELSA AI, Loora, Fluently, Speakometer, Bold Voice, Fervo etc. are some of the important AI tools for conversational practice and for improving pronunciation and accent. Some tools allow the recording and provide support to know and correct our pronunciation and style by comparing it with specialised available sources. These tools help to know the difference between the American and British English accents and pronunciation. These apps help with conversational practice and for improving tone, accent and pronunciation.
- **AI Paraphrasing and Editing Tools:** One can modify written text into a formal and more polished way by using AI paraphrasing and editing tools. Grammarly and Quillblot are widely used tools that are available free of cost and charge a fee for more premium services. These tools are widely used as standard sources to make written material more formal, standard, and impressive. These tools are used worldwide for academic writing. These tools help to find out spelling mistakes and grammar mistakes, and help to make our writing appropriate, acceptable and faultless. These tools are extremely useful for proofreading and avoiding mistakes. Even these tools suggest changes in words and construction by suggesting more appropriate ways.

- **AI Tools for Listening Practice:** Glisgish and Lingua are well-known platforms for listening practice. Learners get conversational text along with audio, which provides listening practice. Talkpal AI, Loora, ELSA Speak, Smalltalk2Me and Microsoft Copilot are the other important available platforms for listening practice. There are so many other mobile apps, such as Speak, Praktika, Hablo, Speak and Learn English, which are very useful for listening practice.
- **Personalised Tailored Content:** AI provides personalised, tailored content for English learners. Teachers can identify the problem or limitations of the students in understanding English and can suggest appropriate personalised content for practice. After identifying the mistakes in English, the teacher can guide the students to make improvements in the field or domain in which the student is weak. This tailored content helps the students to overcome their problems and boost their confidence to learn and master English.
- **Commonly Used AI Tools for Classes:** Magicschool, Almanack, Eduaide, Diffit, Khan Academy SchoolAI are some of the tools that are extremely useful for understanding and mastering English. Teachers can make use of these platforms to make the teaching of English more effective and useful. There are some apps like Drops and Duolingo that provide gaming elements to make the classes engaging. Teachers can make use of AI tools like Canva Magic, Ideogram, Gemini and Adobe Firefly using pictures and images for language learning. These platforms help to create images. The Use of ICT enhances the understanding of the learners. Therefore, knowledge about the AI tools, useful websites and apps always promotes and helps the learners for better understanding of English. Computational linguistics, which is a subfield of linguistics and computer science help to analyse the text and spoken discourse. Information retrieval is also possible. Machine translation helps to enhance the understanding of language. AI tools help in translation, spellcheck, speech recognition and synthesis. Teachers can use social networking sites such as MySpace, Bebo,Twiter, Friendster, Hi5, Friends Reunited, you tube to enhance the learning experience of students.AL tools help to get the experience of virtual reality through games and activities. It makes the learning process enjoyable.
- **Most Leading AI Tools**: AI tools are extremely useful in teaching. It assists teachers in many ways by providing the most advanced and useful sources. Chat GPT and Gemini are the leading tools that provide AI assistance for getting anything the learner wants. AI tools like Deep Research NotebookLM are very useful for research as they consider our intention and assist us accordingly. Search engines like Google AI, Perplexity and Chat GPT are the leading and most used search engines worldwide. There are various search engines, such as Attio, AdCreative, Reclaim, Guru, CanvaManusGPT4o,

Synthesia, which are used for different purposes to get a special type of guidance and solution.

3. Conclusion

Teaching the English language and literature, integrating AI is a necessity in the present times. It enhances understanding and makes the teaching interesting and participative. Experiential learning is possible using AI tools, which makes the learning enjoyable and entertaining. Search engines, blogs, websites, podcasts, and text material prove to be useful for understanding, leaning and teaching of English. Many AI tools provide personal feedback and provide teaching sources as per the demands. These tailored mode of learning have become popular as it meets the needs of the learners and teachers. Teachers can make use of these AI tools for different purposes, such as attendance, assessment, training, role-playing, exercises, practice, translation, analysis, and communication. Data can be stored and retrieved. It makes the teaching process easy and effective.

These emerging technologies have provided opportunities, but there are some challenges and risks that need to be considered. The existing research and guidelines need to be addressed and reconsidered regarding the use of AI in the education field. Teachers should develop their awareness and literacy in the domain of AI to guide their students. The advantages, opportunities, ethical issues, and limitations of AI need to be reconsidered before finalizing teaching strategies.

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