

IMPLEMENTING AI TECHNOLOGIES IN TEACHING SPEAKING

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Annotatsiya. So'nggi yillarda sun'iy intellekt (SI) ta'limning muhim qismiga aylandi, ayniqsa til o'rganish sohasida. SI katta imkoniyat ko'rsatayotgan yo'nalishlardan biri — bu gapirish ko'nikmalarini o'rgatishdir. Ushbu maqolada SI texnologiyalari og'zaki nutqni rivojlantirish, talaffuzni yaxshilash va ko'proq mashq qilish imkoniyatlarini yaratishda qanday yordam berishi muhokama qilinadi. Shuningdek, bu vositalardan foydalanishda o'qituvchilar va talabalarning duch kelishi mumkin bo'lgan ayrim muammolar ham tahlil qilinadi. SI mashq qilish, fikr-mulohaza olish va mustaqil o'rganish uchun yangi imkoniyatlar yaratadi. Ba'zi cheklovlarga qaramay, uning afzalliklari uni til ta'limida qimmatli vosita qiladi.

Kalit so'zlar: sun'iy intellekt, gapirish ko'nikmalari, til o'rganish, ta'lim, texnologiya

Abstract. In recent years, artificial intelligence (AI) has become an important part of education, especially in language learning. One of the areas where AI shows strong potential is teaching speaking skills. This article discusses how AI technologies can support speaking development, improve pronunciation, and create more opportunities for practice. It also looks at some challenges teachers and students may face when using these tools. It offers new opportunities for practice, feedback, and independent learning. While it has some limitations, its advantages make it a valuable tool in language education.

Keywords: Artificial intelligence, speaking skills, language learning, education, technology

Аннотация. В последние годы искусственный интеллект (ИИ) стал важной частью образования, особенно в области изучения языков. Одной из сфер, где ИИ демонстрирует большой потенциал, является обучение навыкам говорения. В статье рассматривается, как технологии ИИ могут способствовать развитию устной речи, улучшению произношения и созданию дополнительных возможностей для практики. Также обсуждаются некоторые проблемы, с которыми могут столкнуться преподаватели и учащиеся при использовании таких инструментов. ИИ предоставляет новые возможности для практики, обратной связи и самостоятельного обучения. Несмотря на определённые ограничения, его преимущества делают его ценным инструментом в языковом образовании.

Ключевые слова: искусственный интеллект, навыки говорения, изучение языков, образование, технологии

Introduction

Speaking is one of the most important skills in learning a foreign language, but it is also one of the most difficult. Many students feel nervous when they speak, and they often do not get enough practice in the classroom. Traditional teaching methods sometimes focus more on grammar and writing, while speaking is practiced less.

Today, technology is changing this situation. Artificial intelligence offers new ways for students to practice speaking more frequently and more comfortably. With AI tools, learners can speak without fear, receive feedback immediately, and improve at their own pace.

AI Technologies in Teaching Speaking

Artificial intelligence includes different technologies that help computers understand and respond to human language. In speaking instruction, the most common ones are speech recognition and natural language processing.

Speech recognition tools can “listen” to students and analyze their pronunciation. They can point out mistakes and suggest improvements. For example, students can repeat words or sentences and receive instant feedback. Another useful tool is chatbots. These are programs that can have conversations with learners. Students can practice dialogues, answer questions, and simulate real-life situations such as ordering food or having an interview. This helps them feel more confident in real communication.

Teachers can use AI in different ways to support speaking:

Students can practice pronunciation using apps at home

Chatbots can be used for role-play activities

AI tools can help assess speaking performance.

Learners can follow personalized speaking exercises. These methods make lessons more interactive and give students more chances to speak.

Advantages of AI in Speaking Instruction

AI technologies bring many benefits to language learning. First, students can practice anytime, not only in class. This increases their exposure to the language. Second, AI provides immediate feedback. In a classroom, a teacher may not always have time to correct every student, but AI tools can do this instantly. Another important advantage is reduced anxiety. Many learners are afraid of making mistakes in front of others. Speaking with AI feels safer, so students become more confident. Finally, AI supports personalized learning. Each student can work at their own level and focus on their own weaknesses.

Challenges and Limitations

Although AI is very helpful, it also has some limitations. One problem is that AI does not fully understand emotions or context. Sometimes it cannot recognize humor, sarcasm, or cultural meanings. Another issue is that students may depend too much on technology and communicate less with real people. However, real communication is essential for developing true speaking skills. There are also technical challenges, such as the need for internet access and devices.

Discussion

AI should not replace teachers. Instead, it should be used as a supportive tool. Teachers play an important role in guiding students, explaining complex ideas, and creating real communication situations. The best results come from combining traditional teaching methods with modern technology. AI can provide practice, while teachers provide understanding and motivation.

Conclusion

Artificial intelligence is changing the way speaking skills are taught. It offers new opportunities for practice, feedback, and independent learning. While it has some limitations, its advantages make it a valuable tool in language education. In the future, AI technologies will become even more advanced and more useful for language learners. However, the role of the teacher will always remain important.

References

1. Brown, H. D. (2007). *Teaching by Principles: An Interactive Approach to Language Pedagogy* (3rd ed.). Pearson Education.
2. Harmer, J. (2007). *How to Teach English*. Longman.

3. Richards, J. C. (2008). *Teaching Listening and Speaking: From Theory to Practice*. Cambridge University Press.
4. Chapelle, C. A. (2001). *Computer Applications in Second Language Acquisition*. Cambridge University Press.
5. Jurafsky, D., & Martin, J. H. (2021). *Speech and Language Processing (3rd ed.)*. Pearson.
6. Godwin-Jones, R. (2018). Using mobile technology to develop speaking skills. *Language Learning & Technology*, 22(3), 1–17.