

THE ROLE OF MOBILE APPLICATIONS AND ARTIFICIAL INTELLIGENCE IN INNOVATING ENGLISH LANGUAGE EDUCATION

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Annotation. This article explores the role of mobile applications and artificial intelligence technologies in English language learning. It reviews modern digital approaches in education, especially the capabilities of tools like ChatGPT, Duolingo, Elsa Speak, and others. The author discusses how mobile technologies contribute to an interactive and flexible learning environment and enhance learners' ability to study independently. The article concludes with practical recommendations for integrating such innovations into the education system.

Keywords: mobile technologies, artificial intelligence, English language, educational innovations, digital tools, learning process, independent study

Annotatsiya. Ushbu maqolada ingliz tilini o'rganishda mobil ilovalar va sun'iy intellekt texnologiyalarining o'rni tahlil qilinadi. Ta'lim sohasidagi raqamli yondashuvlar, ayniqsa, ChatGPT, Duolingo, Elsa Speak, va boshqa ilg'or dasturlarning imkoniyatlari ko'rib chiqilgan. Muallif mobil texnologiyalar yordamida ta'limning interaktiv va moslashuvchan bo'lishi, shuningdek, o'quvchilarning mustaqil o'rganish qobiliyatini oshirishi haqida fikr yuritadi. Maqola ta'lim tizimida yangi innovatsiyalarni joriy etish bo'yicha tavsiyalar bilan yakunlanadi.

Kalit so'zlar: mobil texnologiyalar, sun'iy intellekt, ingliz tili, ta'lim innovatsiyalari, raqamli vositalar, o'quv jarayoni, mustaqil o'rganish.

Introduction. Recent research highlights the significant impact of artificial intelligence (AI) technologies on language education. Tools such as chatbots, mobile applications, and conversational AI models like ChatGPT are increasingly being integrated into learning environments to support language development. These innovations offer new opportunities to improve learners' communicative competence, surpassing traditional teaching methods. This paper examines how AI and mobile applications contribute to enhancing key language skills, focusing on their unique benefits and practical applications in English language education. (Suvankulova, 2024)

In modern educational processes, technology plays an increasingly significant role. Especially in learning English, tools based on mobile applications and artificial intelligence open new opportunities for learners. This article analyzes the impact of technological approaches on learning effectiveness. (Godwin-Jones, R. 2018).

Artificial Intelligence (AI), once relegated to the realms of education, has stepped out of the pages and into our classrooms, offering a potent promise of enhancing the educational experience. Its integration into the field of education is marked by innovations that are both exciting and far-reaching, with AI's capabilities extending to various facets of the learning process. (Omar Ali Al-Smadi et al., 2004)

Methodology. The study is based on a qualitative approach involving analysis of academic articles, digital tools, and practical experiences. In addition, a small survey was conducted to understand students' use of technological resources in learning English.

Results. The analysis revealed that students who consistently use mobile applications such as Duolingo and Elsa Speak show significant improvements in pronunciation, memory retention, and interactive learning. Additionally, AI-based tools like ChatGPT assist efficiently with grammar, vocabulary, and writing tasks. (Kukulska-Hulme, A. 2021).

It is impossible to overstate how important artificial intelligence is in helping students practice having spontaneous conversations since it allows them to participate in conversations that are designed to resemble actual situations in which language is used. (Suvankulova, 2024)

Discussion

- The advantages of learning through mobile technology include:
- Personalized learning approaches
- Gamified elements that engage learners
- Access to education anytime and anywhere

However, some drawbacks exist, such as overreliance on technology, lack of supervision, and issues with information credibility.

Conclusion. Mobile applications and AI tools are becoming strong alternatives to traditional methods in English language education. Integrating these tools into classroom activities can increase students' motivation and performance. Therefore, developing methodological guidelines for the effective use of these resources is highly recommended.

The dynamic nature of AI development may result in changes that could impact the long-term sustainability and effectiveness of AI-driven language education. (Omar Ali Al-Smadi et al., 2004). As we look ahead, educators, policymakers, and AI developers need to collaborate in harnessing the benefits of AI in language education while addressing its challenges. The future of language education is undoubtedly shaped by AI, and it is a future that celebrates individuality, inclusivity, and lifelong learning. Further Research and collaboration in this field will be instrumental in realizing this vision.

References

1. Godwin-Jones, R. (2018). Using mobile technology to develop language skills and cultural understanding. *Language Learning & Technology*, 22(3), 2–11.
2. Chou, C. M. (2020). Chatbots and language learning. *Educational Technology Research*, 48(2), 50–61.
3. Kukulska-Hulme, A. (2021). Mobile-assisted language learning: A selected review of recent trends. *ReCALL Journal*, 33(1), 12–27.
4. Al-Smadi, O. A., Ab Rashid, R., Saad, H., Zrekat, Y. H., Kamal, S. S. L. A., & Uktamovich, G. I. (2024). Artificial intelligence for English language learning and teaching: Advancing sustainable development goals. *Journal of Language Teaching and Research*, 15(6), 1835-1844.
5. Suvankulova, A. (2024). HOW AI AND MOBILE APPS CAN ENHANCE STUDENTS' COMMUNICATIVE COMPETENCIES. *Science and innovation*, 3(B10), 106-116.