

THE ROLE OF ARTIFICIAL INTELLIGENCE IN MODERN ENGLISH LANGUAGE TEACHING

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ABSTRACT

This thesis examines the role of artificial intelligence (AI) in modern English language teaching from pedagogical, linguistic, and technological perspectives. The study analyzes the integration of AI-powered tools such as ChatGPT, virtual learning platforms, automated assessment systems, and adaptive learning technologies into English language education [1, p.23]. Furthermore, the research explores the impact of AI on communicative competence, learner autonomy, classroom interaction, and academic motivation. Comparative analysis demonstrates the differences between traditional language teaching methods and AI-supported educational approaches. The study also highlights practical recommendations for teachers and students in implementing AI technologies effectively in English language classrooms.

Keywords

artificial intelligence, English language teaching, digital education, communicative competence, adaptive learning, pedagogy.

ANNOTATSIYA

Mazkur tezisdagi sun'iy intellektning zamonaviy ingliz tilini o'qitishdagi o'rni pedagogik va lingvistik jihatdan tahlil qilinadi. Tadqiqot davomida ChatGPT, virtual platformalar, avtomatlashtirilgan baholash tizimlari va adaptiv ta'lim texnologiyalarining ingliz tili ta'limidagi ahamiyati yoritiladi [2, p.41].

Kalit so'zlar

sun'iy intellekt, ingliz tili ta'limi, raqamli pedagogika, kommunikativ kompetensiya, adaptiv ta'lim.

АННОТАЦИЯ

В данной статье анализируется роль искусственного интеллекта в современном преподавании английского языка. Исследование рассматривает использование технологий искусственного интеллекта, цифровых платформ и автоматизированных образовательных систем в процессе обучения [3, p.18].

Ключевые слова

искусственный интеллект, английский язык, цифровое образование, педагогика, коммуникация.

Introduction

In the twenty-first century, rapid technological development has significantly transformed educational systems worldwide. Artificial intelligence (AI) has become one of the most influential innovations affecting language education and digital learning environments [1]. AI technologies

provide new opportunities for personalized instruction, automated assessment, and interactive learning experiences.

English language teaching has particularly benefited from the integration of AI-powered applications, including intelligent tutoring systems, speech recognition tools, and virtual communication platforms. Researchers argue that AI technologies improve student engagement, language acquisition, and communicative competence by creating adaptive and learner-centered educational environments [4, p.57]. Consequently, studying the role of artificial intelligence in English language teaching has become highly relevant in modern pedagogical research.

Analysis / Discussion

One of the most important advantages of artificial intelligence in language education is personalized learning. Traditional classrooms often follow a uniform teaching model that cannot fully address the individual needs of learners. AI-powered educational systems analyze students' performance, learning speed, and weaknesses to provide customized learning materials and feedback [2, p.64].

Applications such as ChatGPT, Duolingo, Grammarly, and AI-based virtual tutors support vocabulary acquisition, grammar correction, pronunciation practice, and writing development. These technologies allow students to practice English independently outside the classroom environment. Research observations indicate that students using AI-supported learning platforms improve communicative performance approximately 35–40% faster compared to learners exposed only to traditional teaching methods [5].

Comparative analysis demonstrates significant differences between traditional and AI-assisted teaching methodologies. Traditional approaches generally emphasize teacher-centered instruction and memorization of grammatical structures, whereas AI-supported methodologies encourage active participation, creativity, and independent learning [6, p.73]. Modern AI technologies also facilitate immediate feedback, which is considered one of the key factors in effective language acquisition.

From a pedagogical perspective, artificial intelligence contributes to communicative language teaching by creating interactive learning environments. AI chatbots and virtual assistants enable students to engage in realistic conversations and improve speaking fluency without psychological barriers. In many cases, learners feel more confident communicating with AI systems before participating in real-life discussions [3, p.29].

Another significant aspect of AI integration is automated assessment and academic analytics. AI systems can evaluate grammar accuracy, vocabulary usage, pronunciation, and writing organization within seconds. Such technologies reduce teachers' workload and allow educators to focus more on creative and communicative classroom activities [7].

However, despite numerous advantages, AI technologies also present certain challenges. Excessive dependence on automated systems may reduce students' critical thinking and independent analytical skills. Furthermore, AI-generated content sometimes lacks emotional intelligence, cultural sensitivity, and contextual understanding [8]. Therefore, teachers should use AI as a supportive educational tool rather than a complete replacement for human interaction.

From a linguistic perspective, AI contributes significantly to intercultural communication and global language learning. Students can access authentic English-language materials, communicate with international communities, and participate in online academic collaboration through AI-powered platforms [4]. These opportunities enhance communicative competence and intercultural awareness.

Practical implementation strategies include integrating AI-assisted writing tasks, pronunciation applications, digital storytelling projects, and interactive classroom discussions into English lessons. Teachers should also provide guidance on ethical AI usage, academic honesty, and responsible digital communication.

Modern educational research confirms that institutions implementing AI-supported pedagogical approaches demonstrate higher student motivation, stronger classroom participation, and improved academic outcomes [9]. Consequently, artificial intelligence is becoming an essential component of modern English language education.

Conclusion

In conclusion, artificial intelligence plays a transformative role in modern English language teaching by improving personalization, communicative competence, learner autonomy, and digital interaction. AI-powered educational technologies create innovative and student-centered learning environments that support effective language acquisition [1, p.102].

The study demonstrates that artificial intelligence significantly enhances the quality of English language education when integrated responsibly and pedagogically. Nevertheless, teachers should maintain a balanced approach that combines technological innovation with human interaction and critical thinking development.

The relevance of this topic continues to increase due to globalization and digital transformation in education. Therefore, AI integration in English language teaching possesses strong theoretical and practical significance for teachers, students, researchers, and curriculum developers.

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