

USE OF ARTIFICIAL INTELLIGENCE (AI) AND CHATGPT TOOLS IN FOREIGN LANGUAGE TEACHING

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Annotation. This thesis studies the impact of artificial intelligence technologies, in particular the ChatGPT tool, on the process of foreign language teaching. This study analyzes the advantages, limitations and pedagogical possibilities of AI-based language teaching platforms.

Keywords: artificial intelligence, ChatGPT, foreign language teaching, language education, digital education, linguistic competence.

ИСПОЛЬЗОВАНИЕ ИСКУССТВЕННОГО ИНТЕЛЛЕКТА (ИИ) И ИНСТРУМЕНТОВ CHATGPT В ПРЕПОДАВАНИИ ИНОСТРАННЫХ ЯЗЫКОВ

Аннотация. В данной работе исследуется влияние технологий искусственного интеллекта, в частности инструмента ChatGPT, на процесс преподавания иностранных языков. В исследовании анализируются преимущества, ограничения и педагогические возможности языковых платформ на основе ИИ.

Ключевые слова: искусственный интеллект, ChatGPT, преподавание иностранных языков, языковое образование, цифровое образование, языковая компетенция.

SUN'YI INTELLEKT (AI) VA CHATGPT VOSITALARIDAN CHET TILINI O'QITISHDA FOYDALANISH

Annotatsiya. Mazkur tezis sun'iy intellekt texnologiyalari, xususan ChatGPT vositasining chet tilini o'qitish jarayoniga ta'sirini o'rganadi. Ushbu tadqiqotda AI asosidagi tilni o'qitish platformalarining afzalliklari, cheklovlari va pedagogik imkoniyatlari tahlil qilinadi.

Kalit so'zlar: sun'iy intellekt, ChatGPT, chet tilini o'qitish, til ta'limi, raqamli ta'lim, lingvistik kompetensiya.

Introduction

The rapid development of digital technologies in the 21st century is leading to fundamental changes in the field of education, including foreign language teaching. Artificial intelligence-based tools — in particular, ChatGPT developed by Open AI — are now providing an opportunity to take language teaching methodology to a new level [1]. The need to create an interactive, personalized, and always-available learning environment for students is becoming increasingly urgent. The purpose of this study is to consider the possibilities of using ChatGPT and other AI tools in English language teaching, evaluate their effectiveness, and analyze them from a pedagogical point of view.

Artificial intelligence and language teaching - theoretical foundations: The application of artificial intelligence to language teaching is widely studied within the framework of a new scientific field - Computer-Assisted Language Learning (CALL). Researchers have analyzed the potential of integrating AI tools with the four basic language skills of listening, speaking, reading,

and writing [2]. Large Language Models (LLMs) such as ChatGPT are based on natural language processing (NLP) technology and are able to build meaningful dialogues with the user.

Unlike Chomsky's Universal Grammar theory, the Communicative Language Teaching (CLT) approach emphasizes real-life communication situations. AI tools provide a unique opportunity to support this approach, as they allow the learner to have conversations in English at any time, on any topic [3].

ChatGPT's applications in foreign language teaching: ChatGPT can be effectively used in foreign language teaching in the following areas:

1. Developing written speech: Students write an essay, letter or text, and ChatGPT corrects grammatical errors and provides recommendations for improvement. This provides faster and more continuous feedback than traditional teacher checking.

2. Practicing oral communication skills: Users can have English conversations with ChatGPT, strengthening their vocabulary and overcoming their fear of speaking. Studies show that communicating with AI increases the student's communicative confidence [4].

3. Learning vocabulary and grammar: ChatGPT explains words in context, provides synonyms and examples. It has the ability to teach grammar rules interactively, which is more effective compared to traditional textbooks.

4. Pronunciation improvement: Modern AI systems, including voice-based versions of ChatGPT, also include pronunciation assessment and correction functions.

Advantages and limitations: The use of AI tools in foreign language teaching has a number of important advantages. First, personalized learning: ChatGPT can adapt to the level and needs of each student. Second, constant availability: unlike a teacher, AI works 24/7. Third, an environment where there is no fear of making mistakes: students are less shy when communicating with AI, which increases their engagement.

However, AI tools also have limitations. These include the artificiality of communication, difficulties in the formation of intercultural competence, and the risk of the student becoming overly dependent on AI. In addition, ChatGPT can sometimes provide factually incorrect information, which makes teacher supervision necessary [5].

In conclusion, tools such as Artificial Intelligence and ChatGPT are creating a revolutionary change in the methodology of teaching a foreign language. Although these technologies cannot completely replace traditional teaching methods, they have great potential as effective additional educational tools. Integrating English language teaching at the Uzbek State University of World Languages with modern AI tools can significantly increase students' linguistic competence. In the future, researchers are recommended to pay attention to the issues of studying the long-term effectiveness of AI tools, adapting them to the local context, and training pedagogical personnel.

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