ATIFICIAL INTELLIGENCE IN ENGLISH LANGUAGE EDUCATION: A TOOL FOR MOTIVATING MODERN LEARNERS

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Abstract. *The introduction of artificial intelligence (AI) technologies in the development of the modern education system is one of the most pressing issues. Worldwide, digital transformation processes are showing profound changes in all fields, particularly in education. The advantage of artificial intelligence is that it plays an important role in automating the assessment of the learning process, organizing education tailored to students' needs, and facilitating teachers' activities. The Republic of Uzbekistan is also consistently implementing work in the direction of widely introducing modern digital technologies in education and effectively using artificial intelligence within the framework of the "Digital Uzbekistan – 2030" strategy. The essence of the article is to analyze the theoretical foundations of introducing artificial intelligence technologies in the education system, international experience, and the opportunities and challenges in the context of Uzbekistan.*

Keywords: *artificial intelligence, artificial intelligence in education, chat bot in teaching English, modern technologies, automatic assessment of written work, checking written assignments, teaching English, scientific and practical research.*

Аннотация. *В развитии современной системы образования внедрение технологий искусственного интеллекта (ИИ) является одной из наиболее актуальных задач. Во всем мире процессы цифровой трансформации демонстрируют глубокие изменения во всех сферах, в частности в области образования. Преимущество искусственного интеллекта заключается в том, что он играет важную роль в автоматизации оценки учебного процесса, организации обучения с учетом потребностей учащихся и облегчении деятельности педагогов. Республика Узбекистан также в рамках стратегии «Цифровой Узбекистан – 2030» последовательно осуществляет работу по широкому внедрению современных цифровых технологий в образование, включая эффективное использование искусственного интеллекта. Суть статьи заключается в том, что она состоит в анализе теоретических основ внедрения технологий искусственного интеллекта в систему образования, международного опыта, а также возможностей и проблем в условиях Узбекистана.*

Ключевые слова: *искусственный интеллект, искусственный интеллект в образовании, чат-бот в обучении английскому языку, современные технологии, автоматическая оценка письменных работ, проверка письменных работ, обучение английскому языку, научно-практическое исследование.*

Annotatsiya. *Zamonaviy ta'lim tizimining rivojlanishida sun'iy intellekt (AI) texnologiyalarining joriy etilishi eng dolzarb masalalardan biridir. Jahon miqyosida raqamli transformatsiya jarayonlari barcha sohalarda, xususan, ta'lim sohasida ham chuqur o'zgarishlarni ko'rsatmoqda. Sun'iy intellektning yutuqli tomoni shundaki, u o'quv jarayonini baholashni*

avtomatlashtirish, o‘quvchilarning ehtiyojlariga mos ta’limni tashkil etish va o‘qituvchilar faoliyatini yengillashtirishda muhim o‘rin tutadi. O‘zbekiston Respublikasi ham “Raqamli O‘zbekiston – 2030” strategiyasi doirasida ta’limda zamonaviy raqamli texnologiyalarni keng joriy etish, shu jumladan sun’iy intellektdan samarali foydalanish yo‘nalishida izchil ishlarni amalga oshirmoqda. Maqolaning mohiyati shundaki, ta’lim tizimida sun’iy intellekt texnologiyalarini joriy etishning nazariy asoslarini, xalqaro tajribani va O‘zbekiston sharoitidagi imkoniyat hamda muammolarni tahlil qilishdan iborat.

Kalit so‘zlar: *sun’iy intellekt, ta’limda sun’iy intellekt, ingliz tilini o‘qitishda chat bot, zamonaviy texnologiyalar, yozma ishni avtomatik baholash, yozma ishlarni tekshirish, ingliz tilini o‘rgatish, ilmiy-amaliy tadqiqot.*

Artificial intelligence (AI) is the ability of computer systems to perform functions characteristic of human thinking, such as learning, analyzing, and making decisions. In education, AI allows for the automation of the teaching process, the assessment of students' knowledge levels, and the formation of personalized learning pathways. Using artificial intelligence in teaching technologies enables the creation of adaptive learning systems. For example, the level of mastery of each student is analyzed, and assignments suitable for them are suggested. This process is based on the principles of learning analytics and adaptive learning. Artificial intelligence monitors the learning process, analyzes the student's knowledge level, interests, and mistakes. Based on this, the system forms an individual – that is, customized (adaptive) – learning pathway for each student. Such systems are called adaptive learning systems**[1]**.

Automating teacher activities with artificial intelligence AI systems ease the daily tasks of teachers. For example, processes such as creating tests, grading, and analyzing students' activities are carried out automatically. As a result, the teacher focuses more on pedagogical and creative activities. Artificial intelligence technologies play an important role in modern education systems in facilitating teachers' daily activities, increasing the efficiency of the learning process, and automating management. AI-based systems help teachers perform administrative, organizational, and repetitive tasks, allowing them to focus primarily on pedagogical, analytical, and creative activities. In particular, test assignments, mid-term and final assessment processes are being automated with the help of artificial intelligence tools. This process allows for the creation of individual tasks tailored to the content of the curriculum, the student's level of knowledge, and the speed of learning. As a result, the assessment process is less influenced by human factors, and the level of objectivity increases.

AI systems analyze students' activities in real time, identifying their participation in class, the speed of completing assignments, and errors. Based on these analysis

results, the teacher can monitor the individual development dynamics of students and adjust the teaching methodology. Additionally, analytical modules created with the help of AI systems provide the teacher with detailed statistical information about students' overall results, as well as their strengths and weaknesses. This, in turn, increases the quality of education, enables the application of a personalized teaching model, and expands the possibility of making pedagogical decisions based on scientific grounds. The introduction of artificial intelligence systems in education supports the teacher's activity as a digital assistant without replacing them. As a result, the teacher pays more attention to strategic, creative, and educational tasks, which significantly improves the quality and effectiveness of the teaching process. AI-based assessment, monitoring, and analysis continuously analyze students' knowledge and track their development dynamics. This not only speeds up the assessment process but also ensures objectivity**[2]**.

AI-based chatbots are a promising achievement that can increase work speed and the efficiency of daily tasks. One of the important advantages of applying machine intelligence in training is the ability to automatically evaluate written work, including essays. The prospects for widely introducing AI technologies in our country's education system are high. In the future, it will be appropriate to create AI-based textbooks, implement automatic evaluation systems, and form individual development maps for students. This, in turn, will serve to improve the quality of education in the country and strengthen international competitiveness.

In conclusion, the introduction of artificial intelligence technologies into the education system is becoming an integral part of the modern pedagogical process. Overall, artificial intelligence can be a useful assistant tool for checking written work, provided that commands are properly set, used correctly, and there is knowledge of technical programs. The GPT chat is considered a helpful assistant in the context of correcting grammatical, punctuation, and stylistic errors. This is especially useful for inexperienced teachers or in situations where a teacher doubts the correct expression of a phrase or expression. It not only helps to effectively organize the educational process, but also serves to improve the quality of education, reduce teachers' workload, and develop students' personal abilities**[3]**. By broadly introducing AI technologies in Uzbekistan's education system, it is also possible to form an innovative approach and create an educational environment that meets international standards.

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