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**ARTIFICIAL INTELLIGENCE DUET WITH A CHATTGPT OR TEACHER IN THE LESSON**

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**Abstract**

This article analyzes the pedagogical effectiveness of using artificial intelligence technologies, especially the ChatGPT platform, in the modern educational process and the role of artificial intelligence in cooperation with the teacher. The author considers artificial intelligence as a tool for increasing students' motivation for learning, strengthening an individual approach, and expanding the methodological capabilities of the teacher. At the same time, he emphasizes that the human factor remains the decisive role in education.

**Keywords:** ChatGPT, artificial intelligence, teacher, educational technologies, digital pedagogy, lesson process.

**Introduction**

21st century education is unimaginable without digital technologies. In recent years, the development of artificial intelligence (AI) technologies has given impetus to the transition of the educational process to a new level. Among them, language models such as ChatGPT in particular are becoming an important tool for providing students with quick answers, finding appropriate solutions to their questions, and developing creative thinking.

Some believe that models like ChatGPT can replace the teacher. But this is a wrong approach. Artificial intelligence cannot fully replicate human experience, emotional approach, and pedagogical sensitivity. On the contrary, it is a teacher's assistant, a source of instant information, and a technological tool that increases student interest.

Lessons with ChatGPT: the possibilities are as follows:

1. Personalized learning. By creating individual tasks based on the needs of each student and providing customized answers to questions, the learning process becomes more interactive and flexible.
2. Language learning and written literacy. ChatGPT can be an effective tool for developing students' essays, translations, and text-based skills.
3. Stimulating creativity. Students actively participate in creative tasks such as story writing, role-playing, and problem solving with the help of ChatGPT.
4. As an auxiliary tool. Teachers can use ChatGPT capabilities when creating lesson plans, creating tests, and developing assessment criteria.

The following approaches are important when integrating ChatGPT technology into the lesson:

- Teacher management: ChatGPT remains only a tool, the teacher determines how and where to use it.
- Teaching critical thinking: Students are taught to evaluate, check, and critically analyze ChatGPT answers.
- Ethics and information culture: Plagiarism, misinformation, and information culture play an important role when using artificial intelligence.

Artificial intelligence (AI) technologies are also increasingly penetrating the field of education. Especially for students, this type of digital tools is opening the door to new opportunities. Artificial

intelligence not only facilitates the learning process, but also serves to effectively organize processes such as knowledge acquisition, independent work, and creative thinking.

Today, tools such as ChatGPT, Grammarly, QuillBot, and Notion AI are used as important assistants in the modern student's learning process. For example, ChatGPT is a virtual assistant based on artificial intelligence that can provide understandable, logical, and analytical answers to the user's questions on various topics. Students widely use it to prepare for classes, compose texts, and explain complex concepts.

Grammarly is a tool designed to work on texts written in English, identifying grammatical, spelling, and stylistic errors and providing recommendations for their correction. Thanks to these features, it greatly helps in the preparation of high-quality and error-free written works such as essays, abstracts, and essays.

Another effective tool is QuillBot, which allows you to rephrase existing texts without plagiarism, select synonyms, and improve sentences. These functions are especially useful in scientific or creative writing. Notion AI is also a multifunctional digital assistant that facilitates tasks such as planning, taking notes, creating schedules, storing and managing notes. This tool is a useful platform for both students and teachers to save time and organize their work.

These tools serve as an important support in making the learning process of modern students effective, interactive and flexible.

In the educational process, artificial intelligence technologies are also considered as effective auxiliary tools for teachers. Below are the main advantages of AI technologies and ways to increase the effectiveness of education through them:

Adaptive educational systems provide an individual approach to students based on their level of knowledge, interests, and learning speed using artificial intelligence. These systems identify the strengths and weaknesses of each student and offer them customized tasks and exercises. Thus, the student has the opportunity to master complex topics in more depth, while also developing their strengths.

Virtual assistants and chatbots based on artificial intelligence allow students to get quick answers to their questions even outside of class. These tools help students work independently, guide them in completing homework assignments, and provide necessary recommendations for scientific research. This reduces the teacher's workload and ensures that the educational process continues uninterrupted. Artificial intelligence technologies are becoming an integral part of the education system today. It creates convenient opportunities not only for students - in acquiring knowledge and developing a creative approach, but also for teachers - in increasing efficiency and saving time. In the future, with the further improvement of artificial intelligence technologies, the educational process will undoubtedly become more interactive, flexible and personalized.

Automated assessment systems based on artificial intelligence allow teachers to quickly and objectively evaluate written work, tests and other assignments. These systems save the teacher's time, reduce the influence of the human factor and provide fair results. Such systems are especially convenient in mass classes, distance learning and large-scale tests.

Teachers are also able to plan their lessons more clearly, systematically, and effectively through AI technologies. Artificial intelligence optimizes lesson content by automatically analyzing students' knowledge levels, identifying their strengths and weaknesses, and suggesting learning paths based on

an individual approach. This allows students to take full advantage of modern technological opportunities.

AI-based learning platforms, such as adaptive learning systems, allow students to learn learning materials interactively. This allows each student to learn at their own pace, correct their mistakes in real time, and monitor their personal development.

In addition, the use of gamification (game-based learning) methods is important to further engage students in the learning process. Game elements - for example, scoring points, moving from level to level, virtual rewards - increase student motivation and make the lesson interesting and motivating. This approach ensures active participation of students, encouraging them to have a conscious and positive attitude towards learning.

In order to use SI technologies in education to the maximum extent possible, it is important for teachers themselves to have modern technological knowledge. Therefore, it is necessary to regularly train them in the use of artificial intelligence technologies, organize advanced training courses, and develop practical skills. Only when a teacher has thoroughly mastered modern tools can he organize the educational process based on innovative approaches and effectively teach students how to use technologies.

That is, with the help of Artificial Intelligence, students can conduct the learning process in a way that suits them. In this case, educational materials are adapted depending on their level of mastery, interests, and difficulties. For example, through artificial intelligence systems, students' activities are constantly monitored, which makes it possible to analyze the stages of development of each student and form individual educational programs accordingly. This makes the educational process more person-oriented, effective, and comprehensive.

In addition, SI technologies play an important role in making the learning process interactive and engaging. For example, programs and applications based on artificial intelligence arouse interest in students, activate their participation and encourage deeper assimilation of knowledge. At the same time, these technologies simplify the work of teachers and allow them to effectively manage the learning process using modern tools.

Teachers organize education based on the individual capabilities and needs of students through SI tools. This leads to high results not only in individual but also in group work. The advantages of artificial intelligence tools are especially evident in monitoring, assessing and motivating students in large classes or in distance learning.

In general, the introduction of artificial intelligence technologies into education is causing fundamental changes in the field. These technologies not only improve the learning experience of students, but also serve to increase the quality and efficiency of the entire education system. Thus, AI tools occupy an important place in modern education as an integral part of innovative approaches.<sup>1</sup>

In conclusion, Artificial Intelligence is not a substitute for the teacher, but a technological partner that takes him to new pedagogical heights. When the teacher and ChatGPT work in a duet, the lessons become more meaningful, effective and interesting for the student. The main thing is that the teacher remains in the lead role in this duet - with his heart, experience and dedication.

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<sup>1</sup> Qodirova, M. (2022). "O'qituvchi kasbida sun'iy intellektdan foydalanish". Zamonaviy Ta'lim Texnologiyalari.

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