



THE POSITIVE AND NEGATIVE IMPACT OF ARTIFICIAL INTELLIGENCE TECHNOLOGIES ON THE MODERN EDUCATIONAL PROCESS

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ABSTRACT

This article analyzes the role and importance of artificial intelligence (AI) technologies in the modern educational process. The use of artificial intelligence in education allows individualization of learning, improvement of educational quality, and effective organization of teachers' activities. At the same time, potential problems and risks caused by excessive use of AI technologies are discussed. The study concludes that purposeful use of artificial intelligence can increase the effectiveness of education..

Introduction

Today, the rapid development of information and communication technologies is deeply penetrating all areas of society, particularly the education system. The educational process organized on the basis of digital technologies serves to increase learning effectiveness, develop students' independent thinking, and form modern competencies. The widespread introduction of artificial intelligence technologies has brought the educational process to a new stage. Electronic assessment systems, adaptive learning platforms, and virtual teachers contribute to improving the effectiveness of education. Therefore, studying the positive and negative aspects of artificial intelligence in education is an actual scientific issue.

Main Part

1. The Concept of Artificial Intelligence and Its Importance in Education

Artificial intelligence is the ability of computer systems to perform tasks that require human intelligence such as learning, reasoning, and decision-making. In education, AI technologies help identify students' knowledge levels, monitor progress, and create individualized learning plans. Adaptive learning systems automatically adjust tasks according to students' abilities.

2. Positive Impact of Artificial Intelligence in Education

The introduction of AI technologies provides several benefits:

Personalized learning

Improved education quality

Reduced teacher workload

Development of distance education

Independent learning skills

Interactive education using AR/VR

3. Negative Aspects of Artificial Intelligence in Education

Despite advantages, there are also drawbacks:

Over-reliance on technology

Data security issues

Technological inequality

Reduced human interaction

Technical failures

4. The Role of ChatGPT in Education

ChatGPT is widely used in education. It can help explain topics, generate materials, and support independent learning. However, risks include plagiarism, reduced critical thinking, and inaccurate information. Therefore, ChatGPT should be used as a supportive educational tool.

Conclusion

Artificial intelligence technologies have become an integral part of modern education. Proper use improves education quality. However, AI cannot replace teachers. The balance between technology and human interaction is essential.

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