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IMPROVING THE USE OF EDUCATIONAL TECHNOLOGIES TO ENHANCE THE QUALITY OF EDUCATION AND EDUCATIONAL VALUE IN HIGHER EDUCATION INSTITUTIONS.

Avezimbetov Shavkat

Associate Professor, Nukus Branch of Samarkand State University of Veterinary Medicine, Animal Husbandry and Biotechnology.

Atanazarov Kural

Associate Professor, Nukus Branch of Samarkand State University of Veterinary Medicine, Animal Husbandry and Biotechnology.

E-mail: avezimbetovshovkat@gmail.com

ORCID iD: 0009-0001-2384-1692

Abstract. This article highlights the importance of applying modern technologies to improve the quality of education and develop the educational process in higher education institutions. It analyzes the effectiveness of integrating distance learning, artificial intelligence, interactive methods, and virtual laboratories into the educational process.

Keywords: educational technologies, interactive teaching, artificial intelligence, distance learning, digital education.

Introduction. Higher education institutions are one of the key factors in the development of society, and their effective functioning serves to provide future generations with quality knowledge and high moral upbringing. In today's era of globalization and digital transformation, developing the higher education system, improving the quality of education, and further enhancing educational processes remain crucial tasks.

In Uzbekistan, large-scale reforms are being carried out to improve the higher education system. In particular, based on presidential decrees and resolutions, significant initiatives are being proposed to enhance the quality of education, align it with international standards, and widely implement innovative approaches. Within the framework of the Strategy for the Development of Higher Education until 2030, measures have been outlined to widely introduce digital technologies into the educational process, improve the qualifications of professors and teachers, and strengthen the material and technical base of educational institutions.

The implementation of innovative approaches in the educational process serves not only to increase the effectiveness of teaching but also to support the personal development of students. From this perspective, improving the use of modern educational technologies, expanding their capabilities, and integrating them into the learning process are of great importance. This article analyzes the role of innovative educational technologies in higher education, their effectiveness, and their impact on the educational process.

Materials and Methods. This article examines the role of modern technologies, interactive teaching methods, and digital educational resources in improving the quality of



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education. It also analyzes existing scientific literature and practical experiences regarding the effectiveness of modern educational technologies.

Results and Discussion. The Role of Modern Technologies in Improving the Quality of Education. Modern educational technologies facilitate the learning process for students, promote individualized approaches, and enhance their critical thinking skills through the use of interactive methods. For example, distance learning platforms, electronic textbooks, and AI-based educational systems contribute to making the educational process more effective. These technologies provide students with the opportunity to access knowledge anytime and anywhere.

Interactive Teaching and Educational Significance. The use of interactive methods in the learning process increases student engagement and helps develop skills such as independent thinking, problem analysis, and teamwork. Interactive teaching methods such as problem-based learning, project-based learning, group work, seminars, debates, and practical exercises are widely used in the educational process. These approaches foster independent thinking, creativity, and leadership qualities in students.

Moreover, educational technologies play an invaluable role in fostering moral and ethical values. For instance, virtual laboratories and gamification (integrating game elements into the learning process) encourage active participation and instill a sense of responsibility among students. Additionally, digital technologies enable the presentation of interactive materials related to various cultural and spiritual heritage topics, allowing students to internalize national values.

Digital Technologies and Personal Development. Today, digital technologies not only enhance the quality of education but also positively impact the personal development of students. Through online courses, webinars, and open educational resources, students can deepen their knowledge and improve their professional skills. Furthermore, using artificial intelligence and big data, students' academic levels can be analyzed, enabling a more personalized approach to their education.

Moreover, through virtual reality (VR) and augmented reality (AR) technologies, students can experiment with complex processes in practice and gain experiences that closely resemble real-life situations. This helps enhance their ability to apply theoretical knowledge in practical contexts.

The Contribution of Uzbek Scholars. Uzbek scholars have also made significant contributions to the field of educational technologies. For instance, Sh. Yu. Mirzaev conducted research on the use of innovative pedagogical technologies in higher education. B. H. Karimov has carried out scientific studies on the effectiveness of distance education and digital learning resources, providing valuable insights into their impact on the educational process. I. N. Toshov explored the effect of interactive teaching methods on education quality, highlighting their practical significance.

Conclusion. To improve the quality and educational value of higher education institutions, the implementation of modern technologies is essential. This not only increases the effectiveness of education but also contributes to the holistic development of



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students, helping shape them into beneficial members of society in the future. Therefore, efforts to enhance the use of innovative technologies in higher education should be further strengthened.

In the future, it will be crucial to further integrate technologies into higher education institutions, develop the digital competencies of professors and teachers, and expand interactive and individualized teaching methods for students. In addition, making use of artificial intelligence and big data to organize the educational process more effectively, adapt teaching methods, and accurately assess students' academic levels is important. The development of virtual reality (VR) and augmented reality (AR) technologies will also play a key role in increasing hands-on experience in the study of complex subjects. From this perspective, studying and applying modern technologies deeply remains a vital task for the advancement of higher education.

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