

**THE ROLE OF MODERN PEDAGOGICAL TECHNOLOGIES IN THE
DEVELOPMENT OF PEDAGOGICAL SCIENCE***Haydarova Mehrangez Mamarasulovna**Place of work: Samarkand Campus of the University of Economics and Pedagogy English*

Annotatsiya: zamonaviy ta'lim tizimida, axborot-kommunikatsiya texnologiyalarining jadal rivojlanishi, o'qitish va o'rganish jarayonlarini tubdan o'zgartirmoqda. Ushbu texnologiyalar o'quvchilarning motivatsiyasini oshirish, ta'lim sifatini yaxshilash va individual yondashuvni amalga oshirishda muhim ahamiyatga ega. Natijada, zamonaviy pedagogik texnologiyalar ta'lim jarayonida innovatsion yondashuvlarni qo'llash imkonini berib, o'qituvchilar va o'quvchilar o'rtasidagi hamkorlikni kuchaytiradi.

Kalit so'zlar: interaktiv ta'lim, zamonaviy pedagogik texnologiyalar, multimedia resurslar, o'yin texnologiyalar, innovatsion yondashuvlar, o'qitish metodlari, individual yondashuv.

Аннотация: в современной системе образования стремительное развитие информационно-коммуникационных технологий кардинально меняет процессы преподавания и обучения. Эти технологии важны для повышения мотивации студентов, улучшения качества образования и реализации индивидуального подхода. В результате современные педагогические технологии позволяют использовать инновационные подходы в образовательном процессе и укреплять сотрудничество педагогов и учащихся.

Ключевые слова: интерактивное образование, современные педагогические технологии, мультимедийные ресурсы, игровые технологии, инновационные подходы, методы обучения, индивидуальный подход.

Abstract: in the modern education system, the rapid development of information and communication technologies is fundamentally changing the teaching and learning processes. These technologies are of great importance in increasing student motivation, improving the quality of education, and implementing an individual approach. As a result, modern pedagogical technologies allow for the use of innovative approaches in the educational process, strengthening cooperation between teachers and students.

Key words: interactive education, modern pedagogical technologies, multimedia resources, game technologies, innovative approaches, teaching methods, individual approach.

The section "System and types of continuing education" of the National Program for Personnel Training of the Republic of Uzbekistan mentions "accelerating the training of students using new pedagogical and information technologies; individualizing teaching and independent learning, and developing and mastering technologies and means of the distance education system" among the measures necessary to organize and develop two-level higher education. In recent years, well-known pedagogical scientists and teachers of our Republic have been conducting fruitful research on the introduction of pedagogical technologies into the

educational process. The concept of pedagogical technology is also reflected in scientific articles, periodicals, topics and reports at conferences. In particular, scientists of our republic R.Kh. Jorayev, A.P. Parpiev, N.Kh. Saydahmedov, U.N. Nishonaliev, L. Farberman, L.V. Golish, U.Kh. Tolipov, as well as Russian pedagogical scientists V.P. Bezpalko, M.V. Klarin, V.M. Monakhov, P.I. Pidkasisty, as well as Kazakh scientists M.J. Aristanov, J.S. Khaidarov and others have tried to reveal the essence and significance of the concept of "pedagogical technology" in their scientific research. Currently, in pedagogical literature, reports on educational problems, and official documents, such expressions as "new pedagogical technology", "advanced pedagogical technology", "modern pedagogical technology", "teaching technology", "educational technology" are widely used. However, these concepts have not yet been standardized and are not explained in encyclopedias. A single definition of the meaning of these expressions has not been developed, and therefore there are many different definitions of them. The advantages of lessons organized on the basis of interactive pedagogical technologies are that such a system of lessons serves as a basis for a subject that sharpens thinking, forms boundless love for the Motherland, loyalty, civic morality and democratic culture. In teaching subjects, methods such as "Working with groups", "Discussion", "Problem learning", "Brainstorming", as well as working with tables, writing independent work, essays, increase student activity. Such lessons conducted on the basis of these methods, along with saving time, deliver new knowledge to the student, and at the same time, make the child think, encourage deep observation, attract all attention, and in problematic situations and disputes, he will have the opportunity to beautifully get out of the situation with the right conclusions, and connect and generalize the knowledge gained with other topics.

Pedagogical technology - studies the problems of using modern pedagogical technologies in the process of education and upbringing, increasing the effectiveness of the educational and upbringing process based on a technological approach. If we turn to the lexical meaning of the word technology, this word is derived from the Greek and means "technos" - skill, art, "logos" - teaching, science. It follows that the word technology, combined with other terms, performs the tasks of developing this area, improving its skills. In general, technology is an objective process that has prepared the stage of educational evolution to solve qualitatively new problems. New technologies have opened up great educational opportunities. The qualitative changes taking place show that the processes of "teaching" in the usual explanation have begun to go beyond the professional capabilities of teachers. The new technical, information, printing, audio, and exhibition tools that have emerged have introduced many innovations into the educational process with their own unique methodologies and become an integral part of it. The process of teaching in innovative methods, that is, the organization of modern pedagogical technologies from the primary education period, gives high results in the education system. This means that primary education is the foundation of general secondary education. Building this foundation in a solid way will also create convenience in the transition of educational processes in future periods. It goes without saying that pedagogical technologies established from primary education serve as the first stage in the formation of subsequent periods of education. Modern pedagogical technologies are important in improving the quality of education. They allow teachers to teach students with an individual approach. For example, through electronic textbooks and online resources, students can learn at their own pace and in accordance with their interests. Modern pedagogical technologies help diversify teaching methods. Interactive teaching methods increase students' motivation and develop their ability to



think independently. The use of gaming technologies makes the teaching process more interesting and effective. The introduction of modern pedagogical technologies requires professional development of teachers. Teachers must master new technologies and know how to use them in the educational process. This serves to improve the overall quality of the education system. Modern pedagogical technologies strengthen cooperation between teachers and students. Students have the opportunity to freely express their thoughts, exchange experiences with each other, and solve problems together. Modern pedagogical technologies play an important role in the development of pedagogical science. They help make the educational process more effective, interactive and interesting. They strengthen cooperation between teachers and students, improve the quality of education and stimulate the professional development of educators. Therefore, the introduction and development of modern pedagogical technologies is crucial for the future of the education system.

References:

1. Ptiyukov V.Yu., —Osnov pedagogicheskoy tekhnologii, M., 1999.
2. Kadirova, M. (2020). The content of work on the formation of the behavior of minors. Archive Nauchnyx Publication JSPI.
3. Majidov, J., & Majidova, G. (2020). THE ROLE OF THE FAMILY ENVIRONMENT IN PERSONAL SOCIAL DEVELOPMENT. Archive Nauchnyx Publication JSPI. 10. Majidov, J. (2020). PSYCHOLOGICAL CRITERIA OF THE LEADER PERSONALITY. Archive Nauchnyx Publication JSPI.
4. Majidov, J. (2020). Sotsialnyi intellekt kak sovokupnost kobnostey, obeschivayuschikh adaptatsiyu lichnosti v shchestve. Archive Nauchnyx Publication JSPI.