

ADVANTAGES OF USING INFORMATION TECHNOLOGIES IN THE EDUCATIONAL PROCESS

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One of the most important strategic directions of the modernization of the education system is the introduction of information and communication technologies into the educational process, which provide conditions for the formation of a new type of education that meets the needs of the development and self-development of the individual in the new socio-cultural situation [1, 2].

Information and communication technologies have an active influence on the learning process, as they change the scheme of knowledge transfer and learning methods. At the same time, the introduction of ICT in the education system not only affects educational technologies, but also introduces new ones. They are also related to the creation of new means of learning and preserving knowledge, which include electronic textbooks and multimedia; electronic libraries and archives, global and local educational networks; information-search and information-reference systems, etc [2,4].

Modern software used to achieve these goals has the following functionality: separation of the user and administrative part of the software complex; the possibility of choosing a language for training; mode of testing and evaluation of students; the system checks the correctness of the data entered by the student and, upon completion of the work, sends the results to the teacher and announces the grade to the student; ensure the development or addition (replenishment) of new courses and tests by the teacher; simplicity and ease of navigation, that is, an intuitive interface for both students and teachers[1, 2, 3].

The quality of training with the help of a web-based platform is affected not only by the choice of the platform, but also by the use of all its functionalities in the

educational process. Thorough knowledge and use by the teacher of the tools of the platform presented in the work is the key to successful learning. This makes it possible to make the educational process more interesting and effective, using various services of these programs. Therefore, the active implementation of modern information technologies makes it possible to study at a convenient time, without breaking away from the main activity using an individual approach.

Today, distance education is one of the most convenient forms of education for both the teacher and the student. Distance education demonstrates its advantages over other forms of education due to its significantly higher informativeness, accessibility and economic efficiency. It also requires less time and energy to acquire knowledge, is much more mobile and comfortable than other forms of education. It is these and other reasons that lead to the expansion of distance learning throughout the world, and group learning in classrooms and reading rooms is gradually losing its position.

REFERENCES

1. A. Agarwal, S. Sharma, V. Kumar and M. Kaur, "Effect of E-learning on public health and environment during COVID-19 lockdown," *Big Data Mining and Analytics*, vol. 4, no. 2, 2021, pp. 104-115.
2. O.T.-S. Au, K. Li, and T.M. Wong. "Student persistence in open and distance learning: success factors and challenges", *Asian Association of Open Universities Journal*, Vol. 13, No. 2, 2018, pp. 191-202.
3. D. Górska. "E-learning in Higher Education. The Person and the Challenges", *The Journal of Theology, Education, Canon Law and Social Studies Inspired by Pope John Paul II*, no 6 (2), 2016, pp. 35-43.
4. N. Erolova, "Elearning: trends and stepping stones", *Istoricheskiye i sotsial'no-obrazovatelnye mysli* = *Historical and Social Educational Ideas*, vol. 8, no. 5, part. 2, 2016, pp. 186-189.