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DISTANCE EDUCATION SYSTEM AND TEACHING AIDS

Abstract: This article provides an overview of the distance learning system and details the methods and benefits of distance learning.

Key words: teaching methods, online education, the quality of education, teaching aids, creative learning environment.

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Introduction

The quality of education is expected to increase as a result of the enrichment of teaching methods in higher education with modern media. In this regard, the distance learning method is especially important for teachers and students, as it has a number of advantages. Technological methods, such as the Internet and multimedia, make it necessary to develop computer programs based on the teaching materials and manuals that students need. Because distance learning in any field provides access to the methodological literature of the world's educational centers, the latest and most up-to-date information.

Distance learning is different from traditional forms of education. It allows students to teach at a time, place, and environment that suits them. Curricula are developed based on individual and group requirements, regardless of the course. During the teaching process, students can exchange

information through a centralized network of scientific information and data. The efficient use of training facilities, equipment and vehicles is expected to result in a systematic collection and presentation of data and a reduction in the cost of retraining. The most modern information, telecommunications and technologies are used in the educational process.

Distance education also creates opportunities for independent learning by saving the time and increasing the financial interest of teachers, depending on the level of opportunity. There is no doubt that the organization of the exchange of achievements in the field of education within the global education system will ensure the achievement of achievements in this area.

Distance learning poses new challenges for professional educators. This is due to the fact that they are required to supplement their teaching materials, improve their skills with a creative approach and

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innovation, and to coordinate these indicators with the achievements of world science. This method of teaching allows students to organize their work on the basis of educational requirements, to strive for more knowledge, to work independently with the computer and to use their knowledge creatively, and the acquired knowledge is published in special educational and methodological publications can be checked and supplemented with tests.

With the widespread introduction of information technology, distance learning can be introduced to address a number of social issues. The demand of the republic for qualified specialists will be met by creating conditions for meeting the needs of citizens in the field of education. It is also possible to increase the social and professional activity of citizens. It strengthens the entrepreneurial spirit of the people and enriches their worldview. This puts the task of implementing priority plans, such as strengthening the economic potential of our country, with the scientific achievements in the higher education system, specialists and their participation.

The method of distance learning serves to create a new modern integrated educational opportunities for education, crossing the borders of our republic, interacting with major educational centers in the CIS and around the world.

Distance learning was intended for geographically distant schools and academic education. However, the development of modern information and telecommunication technologies has opened the way for the long-distance implementation of the educational process. As a result, distance learning has quickly become another impetus for the use of new teaching methods in higher and secondary special education. Analysis by the International Council for Distance Learning shows that today more than 10 million students worldwide are taught in this way. New training centers are being set up in the United States to provide this type of training, and they have the advantage of training and retraining national staff in line with modern requirements.

Distance learning has the following advantages:

1. Creative learning environment. There are many ways in which a teacher can teach, and students can only read a given material. On the basis of the proposed distance learning, students themselves search for the necessary information in a computer database and ensure that their experiences communicate well with others, as well as work on their own. encourages the acquisition of limi.

2. Possibility of independent study. Distance learning includes primary, secondary, tertiary and advanced training. Inspectors with different levels of training can work on their own lesson plans and interact with students at their level.

3. Big changes in the workplace. Distance learning provides millions of people with the

opportunity to learn while working. This type of training plays an important role in training.

4. A new and effective tool for teaching and learning. Statistics show that distance learning is just as effective as distance learning. In addition, distance learning goes beyond the limits set by the university. The advantage of students studying on this basis is that they are provided with the best, quality materials and teachers. Based on the methodology of teaching and management, the teacher (educator) should be free from the conditions of teaching in the classroom.

Fundamentals of information technology in distance learning

Information technology is the process of gathering data, using data delivery, and a set of tools to obtain new information about the state of an object, process, or event. Information technology is a tool in the organization of educational products and services.

An educational product is a set of data expressed for application in the educational process.

Modern information technology is information technology that uses personal computers and telecommunications.

Informatization of society is the creation of favorable conditions for meeting the needs of citizens for information and the realization of their rights, the organization of public associations based on the use and formation of state and government, local and self-government bodies, information resources and their formation. is a scientific and technical process.

Informatization of the educational process is one of the important elements of informing the society. Informatization of education has the following advantages:

- provides access to information and knowledge about each member of the community;
- develops the intellectual and creative abilities of the individual;
- Each member of the society actively improves their skills and quickly changes the phase of activity;
- increase the effectiveness of education through distance learning.

The following information technologies are used to develop educational products and services:

- information technology for grouping, sorting, calculation, data aggregation;
- management information technology to meet the information needs of distance learning participants;
- Information technology of expert systems, which allows users to receive the products of experts in the field of distance learning.

The issues raised by the President of the Republic for the globalization of world economic systems, the introduction of the collective stage of informatization of several advanced countries and the country's participation in the World Economic Council, as well as the introduction of conditional "competition" in all sectors, especially the inclusion

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of the state in the higher education network means that the problem of competition in the higher education system of our state will be active in the world market. One of the main solutions to this problem is the introduction of new educational technologies, as well as the need for distance learning in the higher education system of the country. There is a lot of experience in the use of distance learning in the world. In particular, the quality of teaching and productivity of students and teachers will increase due to the fact that experienced teachers and professionals will help the person individually, monitor the learning of students in different ways, and assess their level of knowledge.

The following guidelines for quality application of distance learning methods include:

Centralize the subject being taught. The application of knowledge and experience of domestic and foreign scientists and specialists, the use of modern teaching aids will be taken into account. The use of various educational resources, the provision of information to students, and this information, in turn, the use of information from experts around the world, e-libraries, creates great opportunities for students and teachers.

Increased demand for teachers. The standardization of the educational process, in a clear way, imposes the obligation on teachers to improve their knowledge. These techniques will help them improve their performance and knowledge.

Ensuring a clear educational process, the possibility of continuous monitoring, proper control and management of the educational process, the knowledge of teachers and students by the Ministry of Higher and Secondary Special Education and educational institutions level control (control over the actions of students and teachers in the educational process, including student activity and the effectiveness of the teacher's work, the attestation of

students). Improving the efficiency of teacher retraining and retraining systems.

Flexibility of teaching type. Ability to practice at a convenient time, in a convenient place and at a convenient speed, to use various forms of student learning, their use of modeling and visual aids on the spot, demonstration, imagination and includes the use of game forms of teaching.

The role of the teacher and the development of various opportunities. Use different forms of the teacher's personal approach to the student. An individual approach can be used to suit each student's level of knowledge and preparation, as well as his or her abilities.

Develop students' knowledge and research motivations and incentives. Overcoming the psychological barriers in the student's sense of insecurity in the teacher and interaction, develops the intellectual and scientific potential of the student, self-organization.

Coordinating student activities and learning. Savings ensure continuity in the learning process. Use of classrooms, travel expenses, and remuneration of qualified teachers. They can transfer their knowledge in the form of distance learning. Regardless of health, social or material well-being, there is a wide range of educational opportunities and social equality.

Creating a competitive environment in the field of education. Distance learning technology is integrated with the general flow and ways of informing the public, modernizing the technical means of distance learning, information systems and automation of the learning process in higher education. provides collaboration based on information technology.

The disadvantage of using distance learning is the limited direct communication and psychological unity between teacher and student.

References:

1. Azizkhoyayeva, N.N. (2003). *Pedagogical technology and pedagogical skills*. Tashkent: TDPU.
2. Ishmuhamedov, R.J. (2004). *Ways to increase the effectiveness of education through innovative technologies*. Tashkent: TDPU.
3. Rozikov, O., Ogaev, S., Mahmudov, M., & Adizov, B. (1999). *Educational technology*. Tashkent: Teacher.
4. Kim, J., & Gil, Y. (2001). *Knowledge Analysis on Process Models*. Proceedings of IJCAI-2001.
5. Shaw, E. (2005). *Assessing and Scaffolding Collaborative Learning in Online Discussions*. Proceedings of AIED-2005.
6. Azizhojaeva, N.N. (2003). *Pedagogical technology and pedagogical skills*. (p.174). Tashkent.
7. (2000). *The dream of a harmoniously developed generation*. (p.245). Tashkent: Uzbekistan.
8. (1968). Beruniy. *Relics of ancient peoples Selected works*, Volume 1, Tashkent, pp. 106-107.

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9. Kizlik, B. (n.d.). *Lesson Planning, Lesson Plan Formats and Lesson Plan Ideas*. Retrieved from www ADPRIMA. com.
10. Bugatov, V.M. (2003). *Pedagogicheskie tainstva didakticheskix igr*. Ucheb.-metodicheskoe posobie. 2-e izd.. (p.152). Moscow: Flinta.
11. Gromkova, M.T (1995). *Pedagogika obrazovaniya vzroslyx (uchebnoe posobie)*. (p.96). Moscow: TOO. Intl.Tex.