

## The Effectiveness Of Distance Learning In The Education System In Uzbekistan

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**Abstract:** In today's world of information technology, distance learning is becoming increasingly important. Because this type of education differs from the existing types of education in some of its positive aspects, the difference between distance learning and full-time and other types of education is that this type of education is very popular with the general population. In this article, there is elucidated the effectiveness of distance learning in the education system of Uzbekistan.

**Keywords.** distance learning (DL), remote education, automated control system (ACS), computational techniques (CT), expansion, transformation, network technologies, technique.

### Introduction.

It is becoming increasingly clear that significant changes are taking place in the education system of our country. It is gratifying that a variety of forms of education are being used, especially distance learning (DL).

It is well known that this method has many advantages. All higher education institutions are working on the implementation of distance learning techniques and technologies. The development of information technology requires a

new approach to the organization of distance learning. Modern models of distance learning are based on communication and network technologies. While these technologies provide users with a wide range of information, they also pose a challenge to their protection.

The lack of direct communication between the teacher and the listener in distance learning also causes some problems. For example, there are some difficulties in organizing a problem-based learning process. Problem-based learning can be achieved through teleconferencing. However, this does not completely solve the problem. Additional training materials will need to be developed to address this issue. These include problem-solving tasks at different levels, problem-solving instructions, and so on.

It is a requirement of the time to train a specialist who fully meets modern requirements. At present, a lot of positive work is being done in our country to educate, train the younger generation, to approach modern information technologies and to teach them to work with new techniques and technologies. The most important of these is Distance Learning Techniques and Technology. Distance learning combines the positive features of full-time and part-time

education. In this regard, distance learning is one of the most promising forms of education today.

### **Analysis**

It is not necessary to gather a certain part of the population who wants to study at the location of the educational institution in order to provide education on the basis of DL. Second, there is no need for the listener or student to overspend. Third, there is no age limit for those enrolled in this type of education. The contingent involved in distance learning can consist of the following social groups:

- those who want to get a second higher or additional education, training and retraining;
- heads of regional authorities and administrations;
- Young people who are unable to get an education due to the limited opportunities of the traditional education system;
- Employees of companies and enterprises who want to raise the status of their education to modern standards;
- listeners who want a second parallel information;
- people from remote, underdeveloped areas;
- people with limited mobility;
- people with disabilities;
- military personnel, etc.

The organization of distance learning in Uzbekistan is very effective. This type of education should be widely used today. It is natural that there are some problems with the

introduction of this type of education. But they can be resolved at the level of opportunity. For example, using television in the beginning can be very effective. Nowadays, some subjects are taught on television. But the show has seemed a bit unfocused in recent episodes. First of all, these shows are mostly during the day. Second, its methodology needs to be further improved. If distance learning is to be organized on the basis of these trainings, then it is necessary to reconsider the organizational and methodological aspects of this type of education.

As mentioned above, distance learning combines the characteristics of full-time and part-time education. Therefore, some elements of distance learning can be used in its organization. In the 80's of the last century, part-time training courses were organized to prepare applicants for entrance exams. Course staff mailed to the applicant options for tasks and assignments developed by specialists in relevant disciplines. The assignments and assignments that the entrant sent to the course address for review within a certain period of time were to be reviewed by the instructor and briefed to the applicant.

### **Discussion**

One of the most important issues in the organization of distance learning is the selection of professors and teachers. In order to implement this type of education, teachers must be selected from the most experienced and organized professors. Because distance learning is different from other forms of education, its effectiveness depends in many ways on the knowledge, organization and management of the teacher. Because a teacher involved in distance learning must be a good teacher, a wise counselor and an experienced manager at the same time. At the

initial stage of the organization of distance learning, based on the demographic characteristics of the population of the republic, it is of overriding importance to create distance learning points in the relevant regional centers. This structure should be responsible for the organization of distance learning in the field. In the next stages, distance learning centers can be established in several higher education institutions specializing in one or more different areas.

It is well known that the role of modern information technologies and systems is crucial in the gradual implementation of the goals and objectives of the Law of the Republic of Uzbekistan "Ta'lim to'g'risidagi" (On education) and the "Kadrlar tayyorlash milliy dasturi" (National Training Program). Modern information technologies: multimedia, translation from one language to another, conversion from one alphabet to another, computer test control, scanning technology, internet, email, Web technology, electronic virtual library, distance learning, presentation Given the noble nature of the goals set for the full implementation of the "National Training Program", the need for the use of advanced technologies in the field of education today is unique. It is not difficult to feel that it is gaining relevance. We have all witnessed that the involvement of modern information technologies in the education system, which is an important need for the development of our daily lives and prospects, is becoming increasingly important. This can be seen in the example of many special education institutions, academic lyceums, professional colleges and leading universities and academies, which today spend a lot of time to change the educational process, for example, the effectiveness of education. It is unimaginable

without multimedia tools that show a sharp contraction and a sharp increase in the retention of knowledge in memory.

Preschools will need to teach the younger generation interesting programs such as games, cartoons, calculators, arithmetic, children's encyclopedias that teach a variety of programs, and children's music for recreation.

Currently, the majority of higher education institutions in the country are training specialists in such specialties as computer science (CT), automated control system (ACS), teacher-engineer, information and communication technologies.

Distance learning is also part-time, with only teacher-student communication using computers, telecommunications devices, and the Internet. During the training, the student receives training materials and assignments on his computer, sends the completed tests and tests to the teacher via the Internet or e-mail. In addition, the listener can ask questions to their teacher and methodologist and get timely answers.

It is gratifying that in our country, intellectuals, including educators, all those who care about the upbringing of the new generation, especially young listeners, have a great interest and aspiration to interactive education through modern computer and telecommunications technologies, especially online education, the Internet. As our country Uzbekistan builds a strong state with a strong economy and a promising rule of law, raising the information literacy and legal culture of our people is a requirement of life and time. In order to achieve this goal, interactive education, the foundations of which are already being formed, must be put into

service. Distance learning explains two main approaches to teaching - the expansion and transformation models.

The multidisciplinary nature of distance learning is reflected in the principles of curriculum planning and course development. Distance education is aimed at meeting the needs of the audience, prioritizing the diversity of technologies.

Distance education is now well established in the United States, dating back to the late 1970s. Initially, distance learning institutions operated on a one-to-one basis. With the development of satellite television in the 1980s, several educational institutions have collaborated on these courses. The rapid development of global computer networks has had a profound effect on all areas of human activity, including education. As a result, today's distance learning is based on the extensive use of modern information and communication technologies, including the Internet. In the history of U.S. education, there have been national distance learning universities, new majors, and academic degrees. Examples include a master's degree in administration from Colorado State University, a master's degree in computer science from Chicago State University, a master's degree in education management from George Washington University, a master's degree in acoustics from Pennsylvania State University, and a bachelor's degree in nuclear physics from Maryland University.

Distance education is a new approach to the education system in our country, and now this process is receiving serious attention and its foundations are being laid. All universities have computer classes, most of which are connected to the global Internet.

### **Conclusion**

In short, the introduction of distance learning in higher education in the country, the study of the experience of foreign countries and the creation of multimedia - electronic textbooks, electronic libraries, audio and video textbooks are important for its better implementation.

The effective use of new information technologies plays an important role in the ongoing reforms in the education system of our country.

Development is evolving and changing rapidly. Information technology is one of the most important ways to use society's information resources wisely, and it has gone through several stages. The exchange of these stages is determined by the development of scientific and technological progress, the emergence of new technical means of data processing. A person's level of knowledge is also determined by the amount of information that a person learns over a period of time. That is why the effective use of new information technologies is becoming a requirement of today. In particular, there are significant changes in the education system, that is, the distance learning method is used in the education system today. Distance learning is a new form of distance learning. Distance learning is an independent activity. Independent work develops each person's ability to think independently, assess the situation, draw conclusions and make predictions. Today, distance learning is needed to raise the legal awareness of mankind, to increase the rule of law, to apply the law in practice, to make every citizen aware of his rights, to explain the law, that is, laws, decisions and decrees to our people, ordinary citizens. creating favorable conditions for the use of new technologies.

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