

## **TENDENCIES OF DEVELOPMENT OF DISTANCE EDUCATION IN GLOBAL TRANSFORMATION**

**Kharatova Shakhlo Khakimovna**

Senior teacher

Tashkent State Transport University

### **ABSTRACT**

*The article discusses the changes taking place in the education system in the context of global transformation. A new form of education system that has fallen under the main influence of the pandemic - the philosophical content of distance education - has been observed. The author puts forward a number of suggestions for improving distance learning.*

**Keywords:** *transformation, global, pandemic, distance education, higher education, internet*

### **АННОТАЦИЯ**

*В статье рассматриваются изменения, происходящие в системе образования в условиях глобальной трансформации. Наблюдается новая форма системы образования, попавшая под основное влияние пандемии - философское содержание дистанционного образования. Автор выдвигает ряд предложений по совершенствованию дистанционного обучения.*

**Ключевые слова:** *трансформация, глобальный, пандемия, дистанционное образование, высшее образование, интернет.*

### **INTRODUCTION**

Global transformation is a change in the way of life in the context of a pandemic in human life, based on the rules of quarantine. Human mobility is being limited both globally and locally. Until now, the right to move from place to place, which is the fundamental basis of human rights, has naturally been restricted. The movement of people around the world for tourism, education and health purposes would lead to global integration in both the economic, social and cultural spheres. Therefore, in the pre-pandemic period, education in higher education institutions located in neighboring or far abroad countries became commonplace and was an important resource for the development of human capital in Uzbekistan.

### **METHODOLOGY**

The pandemic, which began in March 2020, has posed complex challenges to the global education system. Such advantages of large universities, which have a

highly developed infrastructure and a unique university environment, are no longer important. Because it had become clear that education on a world scale would continue in a distance form.

Distance learning (electronic) online education is a type of education based on the teacher teaching physically apart from students. In this case, informational information technologies are used to establish teacher-student, student-student relations. Even before the pandemic on the Dunè scale, distance education had become an integral part of higher education. For example, 1.5 million students study online at Indira Gandhi National Open University in India, and 500,000 students study online at Central Radio and Television University in China.<sup>1</sup>

The first higher education institution in the form of distance education in the higher education system was the British Open University in 1969.

Distance education is a very comprehensive concept from a philosophical point of view and encompasses a number of processes in itself. For example, a person who reads ancient manuscripts and later literature of a scientific or artistic nature after the invention of book printing has formed a certain knowledge. Learning from a work without being physically close to the author can logically constitute distance learning. Second, the concept of spiritual master in the peoples of the East was also used by individuals who were educated on the basis of the works of non-communicative thinkers and who formed their own worldview. Let us also take the tradition of mutual correspondence, which was a tradition in the Middle Ages. It is known that Alisher Navoi's letter to Zahiriddin Muhammad Babur was received with great excitement by the tsar, and later the author of the letter was remembered as "Alisherbek was a man without a minister."

At the same time, based on the object of research and the existing social conditions and procedures, it is expedient to set certain limits in the socio-philosophical study of distance education and to reflect on them.

Higher education has the following basic condition of distance education. First, distance learning in the higher education system is education only

is carried out through the institution. It differs from independent education in that it is based on content developed by professors on the basis of a well-formed curriculum. Simply put, it is a distance organized by a professor

teaching and student distance learning ultimately constitute distance learning.

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<sup>1</sup> <http://colstonuniversity.co.uk/d-education-> Distance learning education. Мурожаат этилган сана: 06.08.2021 й.

Second, distance education in higher education will focus on teaching a particular set of disciplines. Today, there are tens of thousands of online platforms on the Internet that produce content on a variety of topics based on the interests of the audience. Motivational courses and lectures have become a tradition in Uzbekistan during the pandemic, and hundreds of motivators are preparing their speeches on various social issues. Video lectures, sometimes scientific, sometimes religious, and often mixed, cannot claim a form of distance learning. Because they do not teach a particular science or a set of sciences.

Third, diplomas that have legally passed the attestation and accreditation process, have met the requirements of a particular regulator, and are recognized at the national level. This is a problem on a global scale, leading to the problem of national recognition of diplomas from tens of thousands of distance universities. For example, a student who chooses an online university for Internet marketing may face the problem of recognition of his diploma in Uzbekistan. To solve this problem, it is necessary to introduce the practice of recognition of distance universities and their directions by the national regulator - the Inspectorate for Quality of Education at the request of national students.

Fourth, distance learning must rely on a specific platform that works on the Internet. The learning platform is the most important element of distance learning, which serves to ensure communication between the faculty and the student.

Fifth, distance education should create the same conditions for the faculty and student community as in traditional education. Universities are not only a place of knowledge, but also the most important social facilities where social initiatives and human capital need to be developed. Distance education should not lose these aspects of universities and further develop it using modern communication technologies. The role of university communities in major social networks is invaluable.

## **DISCUSSION AND RESULTS**

The distance learning models in the higher education system today can be qualified as follows.

Traditional universities. These universities were usually taught on the basis of a fully traditional education model. Only in pandemic conditions did he change learning to a form of distance learning for a short period of time. For these universities, the image formed over many years and its main attribute - academic buildings, laboratories, libraries and campuses - are important. For this reason, traditional universities are in favor of a return to the usual order of faster study.

Digital two open universities. These universities have been offering distance education since the last century and the main priority is the online model. In the context of the pandemic, the demand for digital universities has risen sharply and they have proven to be a vital necessity.

Now an important task for universities of both models is to solve the problem of organizing education in areas where online education is not possible. We will dwell on this issue below.

At present, the following methods of applying technologies in distance learning have been formed.

Chat classes. At the same time, the communication between the professor and the student is based on foreign technologies in social networks. In the early days of the pandemic in 2020, most teachers and students preferred to communicate in telegram chats, despite the fact that the moodle platform was in operation at the time of distance learning in the higher education system. Because this technology was distinguished by its simplicity and convenience, as well as its independence from the speed of the Internet. However, foreign technologies have the problem of finding and processing the necessary files.

Web technologies. Based on this method, information about the training sessions is placed in the web-domain of the educational institution, and the student can download the required content from there. The advantage of this technology is that the student can always find the information they need. The disadvantage is the inability to communicate online with the professor. This can lead to misinterpretation of concepts within the desired topic by the student.

Teleconferencing sessions. In the context of the pandemic, China's Zoom platform has become the most convenient and affordable communication tool that provides direct communication in business, management and education. Video communication and chat, the ability to send files, and many other attributes have proven the convenience of this software tool. However, this software has shortcomings in terms of privacy and a number of other issues.

The challenge facing the higher education system today is to develop a user-friendly platform using all of the above technologies. Because. Only the national platform can take into account the speed of the Internet and the capabilities of users in Uzbekistan. Because starting distance education and entering its virtual world also requires a lot of knowledge, skills and experience.

According to the Russian philosopher A.A. Malyshko, distance education embodied an important paradox, which confirmed the necessity of its existence

without a specific scientific basis. These views of the scientist are controversial, and in the middle of the last century, the teachings of the great American scientists John B. Watson, B. F. Skinner, and J. Piaget on behaviorism and constructivism emphasized that students grow mentally, physically, and emotionally when they perform tasks rather than memorize facts. The benefits of using educational media are also substantiated in the works of scholars. This shows that before the introduction of distance education into practice, its main elements were scientifically substantiated, and the emergence of the Internet and global changes have increased its social significance.

Distance education is not a form of compulsory education in a pandemic setting. Perhaps it is becoming a convenient and inexpensive form of education that has its own historical and scientific basis.

The organization of distance learning has the following advantages.

Distance learning reduces tuition costs several times over. It is known that the cost of education is divided into two. Expenses incurred by the university for the organization of study and expenses other than the amount paid by the student to the university during the study process (travel, accommodation, teaching aids, etc.). In the context of distance learning, the costs for both parties are reduced several times. This creates opportunities for higher education for the general population, including the poor.

The professor-teacher and the student can organize the educational process at a convenient time. At a time when the paradigms of education in the world are changing, neither the best student nor the most passionate knowledgeable professor can guarantee that a graduate will be employed in the field in which he or she is studying. As a result of the sharp changes in market conditions and the growing number of highly educated professionals, the employment of graduates is becoming a difficult task. Therefore, the student must acquire an additional profession or engage in labor activity during the study process. At the same time, it is expedient to make effective use of the opportunities of distance learning.

Providing students with housing is an important aspect of public policy today. In a tragedy in Tashkent on February 27, 2021, five students living in rented accommodation died prematurely from industrial gas poisoning. The incident sparked widespread discussion among the public. Even the Minister of Higher and Secondary Special Education of the Republic of Uzbekistan A.Tashkulov was summoned to a plenary session of the Legislative Chamber of the Oliy Majlis of the Republic of Uzbekistan, and his report was heard during the government hour. It was noted that

despite the fact that the coverage of higher education has expanded from 8% to 25% in recent years, the construction of student housing has not been in line with the above figures.<sup>2</sup>

Student housing is also one of the facilities that has a certain impact on the social security system. Ensuring harmony in places with young people with different worldviews and no specific life experience would present certain difficulties.

Another advantage of distance education is that it does not limit the number of students. Usually, the most difficult problem in public higher education institutions is the employment of classrooms. Most regional universities study in two shifts, which poses a number of challenges for students studying in two shifts. Especially in the fall-winter season, there were serious problems in getting students home after school, and this also had a negative impact on attendance. In distance education, students will be able to study in a place that is convenient for them.

Opportunity to have higher education in several areas. Although our national legislation does not contain detailed regulations on the possibility of obtaining higher education in several areas, in the future in Uzbekistan it will be possible to study at the same time for several higher education. Because distance learning models allow for a rational distribution of time from all tabs.

Convenience in providing educational literature. It is well known that globalization and rapid economic development are widening the gap between education and production. Nowadays, the opportunities for universities to teach students the latest trends in the economy as a subject are becoming increasingly limited. Because it is observed that most innovations occur directly in the production process. Therefore, the issue of preparation and publication of textbooks, ensuring their accessibility to students is becoming increasingly important. In distance education, almost no money is spent on the distribution of educational materials, which can create additional conveniences for students.

Creation of favorable working conditions for professors and teachers. Modern universities consist of many buildings far from each other. For this reason, there were a number of difficulties for professors and teachers to reach them and conduct training sessions. Distance education solves these problems and creates a favorable environment for teachers.

A comfortable learning environment for people with disabilities. It is known that it is necessary to create a number of conditions for the education of students with

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<sup>2</sup> <https://parliament.gov.uz/uz/events/other/33835/>

disabilities. In distance education, it is possible to organize quality education for students with disabilities using modern information technology.

In general, there are a number of positive aspects of distance education, which serve to improve the quality of education.

At the heart of any form of education is an increase in the level of knowledge of the individual. What are the socio-philosophical and cognitive-psychological aspects of distance education? How is learning and performance discipline ensured in distance learning? It is natural for many to wonder whether traditional methods of determining the quality of education can be applied to distance learning.

The disadvantages of distance education and the need for improvement are as follows.

Distance education is directly based on the student's will, deep interest in their specialty, and strong motivation. During the years of independence, as a result of the slow development of the higher education system, the coverage of higher education was only 8%. In practice, personnel consumers applied to the Ministry of Economy for vacancies, and quotas were subsequently set by government decree. This had an impact on the level of knowledge of the graduates and led to a loss of motivation.

In the current context, it is difficult to give a completely positive answer to the question of how much students are eager to learn in the process of distance learning. Therefore, it is necessary to develop mechanisms that affect the independent learning of students in this form of education, ensuring that exams are taken as soon as possible.

One of the important issues is to ensure the socialization of the individual. In fact, education is also a great institution for socialization. In distance education, it is complicated by the presence of important issues such as etiquette and aesthetics and the public interest, with a focus on knowledge. In the educational process, we observe a dramatic change not only in the level of knowledge of a graduate with a freshman, but also in his dress, behavior, and attitude toward being. At the heart of this can be seen not only the knowledge imparted by university teachers, but also the mutual education and upbringing of students. Hence, the primary problem of distance education is the problem of being left out in the context of socialization.

The third problem is the obligation of the student to learn independently in the process of distance learning, which serves as a psychological barrier.<sup>3</sup> The current

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<sup>3</sup> Фадаев Е.В. Организационные и психологические проблемы дистанционного обучения // Мир науки, культуры, образования. – 2017. -№3 (64). –С.308-310.

form of education has been formed over thousands of years, in which not only the educator but also the mutual learning of the students is an important aspect. Now the student is left alone in the face of subjects and subjects that were hitherto unknown to him. Video tutorials that help them to master them are also universal and cannot take into account the individual characteristics of each student. In doing so, the student has to interpret the given material independently, which can lead to a variety of interpretations in the future.

The problem of identity is an important issue in distance education. It is impossible to determine who mastered the given tasks and who solved the tests in the exams. This may lead to the training of personnel who do not qualify for their diplomas in the future.

However, in the form of distance learning, the following problems need to be addressed.

First, the personal responsibility of the faculty and student in the new learning environment. It is well known that distance learning is a convenient and easy type of activity for both parties. At the same time, it is necessary to analyze the results of the educational process and develop methods for objective assessment of the activities of the parties. Otherwise, the traditions of higher education formed over thousands of years will remain in the shadow of computer technology, and the discrediting of science, university status and diplomas in society will occur. Unless a new methodology for monitoring and evaluation is developed in the short term, the challenges facing the higher education system will continue to grow.

Second, distance learning is based entirely on information and communication technology and has its own technical and software requirements. This requires additional retraining from education subjects. For this reason, one of the most important tasks in higher education today is to organize retraining in distance learning. It should include information and communication technologies and psychological training modules. In order for the university to be in a single virtual environment with students, it is necessary to organize the psychological training of professors and teachers.

Third, it is necessary to develop a short-term methodology for assessing faculty and students, based on the specifics of teaching and learning in distance learning. It is known that in the context of traditional education, the activities of professors and teachers of the department are supervised by the head of the department and employees of other administrative bodies. Including. Arrival and departure, attendance and other issues. The activities of the student are coordinated by the dean's



office, and the regulations on higher education provide for the warning and warning of the student at certain hours, and, if necessary, expulsion from the student body. In distance education, a new method of monitoring is needed, and it should organize short-term monitoring of one credit in the credit-module system. That is, both the teacher's performance and the student's mastery and evaluation of a credit result serve to increase the quality of education. That is, in distance learning, it is necessary to organize regular monitoring to maintain the student's desire to learn.

### **CONCLUSION**

It has been mentioned above that the cost of distance learning in higher education has been reduced several times. Therefore, this optimization process should be reflected in the cost of educational services, ie the cost of the contract. Unfortunately, today the prices are close to each other, both in the full-time form of education and in the part-time form based on distance learning. This trend in public higher education institutions is continued by non-state universities. The main reason for this is the lack of competition between higher education institutions and the fact that the regulator does not work properly.

One of the important issues in the organization of distance learning is the organization of live communication with students. While virtual communication allows learning with all its features, it cannot motivate the student and provide a full spiritual connection with the university. For this reason, it is necessary to organize distance learning students to visit the university at least two or three times a year, depending on the current situation. At the same time, it is advisable to introduce them to the museum of the history of the university, libraries and laboratories, as well as to organize a live dialogue with the management on the basis of a special program to increase their interest in learning.

The identification of areas that cannot be covered by distance education and the organization of traditional education in them are important tasks in a pandemic. In contrast to the socio-humanitarian, specific and natural areas, there is a complexity in the organization of distance learning in higher education institutions in the field of medicine. Therefore, it is necessary to form a list of bachelor's and master's specialties in which distance learning is not possible by the Inspectorate for Quality Control in Education. Otherwise, in the short term, the competence of graduates in the field of medicine will not meet the requirements.

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