

The Importance of the Distance Education System in Modern Pedagogy

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Annotation: In this article, the importance of distance learning technology, the approach of education and the student, and methods of determining mastery. From this the current state and problems of distance learning, conceptual bases of definition of distance courses are connected.

Keywords: distance learning, modern technologies, multimedia tools, information and communication technologies, educational process.

In the early 1990s, the popularity of the Internet, especially the introduction of the World Wide Web (WWW), led to the development of a new concept of distance learning in the education system.

It is no secret that since independence, the education system, like all other sectors, has undergone significant reforms and the quality of education has begun to improve. Ministry of Higher and Secondary Special Education of the Republic of Uzbekistan dated December 30, 2016 "On the organization of the introduction of educational and methodological complexes in the system of electronic education in higher education institutions" Pursuant to paragraph 4 of Order No. 526, it was decided to place teaching aids in the Moodle e-learning system and use them in the education system (process). In the organization of quality education for students, the creation of electronic textbooks and manuals with the use of modern information technology and its material basis, as well as the use of software for distance learning from Internet resources, which is the product of scientific and technological progress, is a requirement of the times. remains. In the current era of technical and technological development, it is desirable to make the educational process more interesting and meaningful for students, using not only methodological manuals, but also scientific and technical innovations, the Internet and modern technologies.

The system of distance education is based on the principle of humanity. That is, no one should be deprived of the right to education due to poverty, geographical problems, social protection and other reasons.

Students use textbooks, e-libraries, e-textbooks, and video conferencing.

Distance learning is a method of distance learning based on information and communication technologies, e-mail, Internet, video conferencing, audio-video information and multimedia textbooks. For example, information on a new topic or subject can be remotely transferred to voluntary educational institutions in other regions. If there is a shortage of specialists in the field, distance learning is one of the most convenient methods.

The distance education system is about radically changing the way students learn using new methods and improving the reliability, security and productivity of multimedia technologies. The introduction of new methods and techniques of education, the implementation of new reforms in the education system is one of the most pressing issues today.

In distance education, the student and the teacher are in constant communication with each other through spatially separated learning courses, forms of control, electronic communication and other technologies of the Internet. Another important aspect of distance education is that it does not depend on place or time, and the number of students is not limited.

Along with various forms of education, the distance education system is also developing.

Importance of distance education system:

- It is not necessary to gather a certain part of the population who wants to study in the area where the institution is located.
- Costs incurred by the trainee or student are lower than those of other forms of education. For those who are looking for an economically viable option, distance learning is the best option.
- It is possible to exclude age restrictions for those involved in this form of education.
- Opportunity to read without leaving production.
- Opportunity to study at your convenience.

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Disadvantages:

- High probability of distraction. There are no teachers for face-to-face communication and classmates who are constantly reminded of upcoming assignments. If a student wants to successfully complete a distance learning course, he or she must constantly work on himself or herself;
- Disconnection from the network. The biggest enemy of online learning is the slow performance or disconnection of these internet providers. In this case, the student's desire to learn may fade or become nervous. According to Francis Tai Nohing, a professor of artificial intelligence at Inha University in Tashkent, the speed of the Internet in Uzbekistan is one of the factors hindering students' full education due to its incomplete coverage across regions.

The system of distance education can be divided into the following social groups:

- For students of secondary specialization, advanced training and retraining courses.
- For heads of regional governments and administrations.
- Due to limited opportunities in the traditional education system (for example, as in the pandemic).

Why a distance education system?

- Availability of new educational opportunities.
- Cheap education.
- Not dependent on time and place.
- Limited number of students admitted to the educational institution.

Another advantage of the transition to distance education is the size of the country and the possibility of introducing e-learning in remote areas.

In distance education, students learn independently. Distance learning develops a person's ability to think independently, assess the situation, draw conclusions and make predictions.

This form of education, as mentioned above, is suitable for part-time, special part-time, advanced training students, married, older and full-time students.

Distance education is 8-10 times cheaper than traditional education. In the United Kingdom, for example, universities with a traditional form of education have a contract price of £ 3,000, while distance education costs £ 300.

Due to the widespread use of distance learning as an important part of the open education system in the world, 6.6 million students were admitted to distance learning worldwide in 2017, while the number of pandemics exceeded 400 million.

Revenue growth analysis from the worldwide distance learning system:

2003: \$ 9 billion

2005: \$ 33.6 billion

2010: \$ 52.6 billion

2020: \$ 215 billion

By 2025, it is expected to reach \$ 2.3 trillion.

Today, distance learning is developing as a common and convenient form of education in many developed countries of the world. For example: Oulu University of Finland, London Metropolitan University of Great Britain, Fontis University of the Netherlands, as well as in South Korea, the technology of distance learning has been widely adopted, which is effectively used in the professional development not only of students, but also of representatives of other fields.

Distance education is based on the use of traditional, new pedagogical and information technologies. In this case, the technical means are used for independent study of educational material, the relationship between teacher and student. The distance learning system is a complex set of structured, programmatic and methodical tools, it takes audio and video techniques from server and workstations, personal computers, communication tools, local and centralized knowledge and information bank management systems, instructional programs, and instrumental tools to create those programs.

Knowledge of teaching methods is one of the important conditions for improving education. The method of Education determines the ways in which different teaching subjects perform the teaching. The method of teaching is a didactic category that provides a theoretical understanding of the activities of teachers and students. Distance learning is carried out through a variety of teaching methods and uses a number of methods. Each method consists of specific actions and is aimed at achieving a specific goal using different didactic tools of teaching. The following methods can be used when using distance learning methods: demonstration, illustration, explanation, storytelling, conversation, practice, problem solving, memorization, written work, and repetition.

In conclusion, we can say that - distance learning is not only necessary for educational institutions today, but also for large enterprises, institutions in the process of globalization today, it plays an important role in the training of specialists for themselves, in their retraining, in maintaining their knowledge levels and skills at a high level.

References:

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