

THE ROLE OF ELECTRONIC EDUCATION IN THE EDUCATION SYSTEM

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Abstract : The word e-learning is used synonymously with virtual knowledge, online education, computer-based training, web-based knowledge, and networked education. Whatever may be the explanation of e-learning, it is revamping the style traditional academia teaches and the learners grasp. E-Learning has made education easy for everyone including office-goers, housewives etc without compromising much. E-Learning is effective and powerful. It makes information easy to grasp and absorb. It imparts enhanced ability to learn and implement among the learners. This article is about the changes that are entering the education system today through information technology. In addition, the pros and cons of distance learning, which is widely used today, are extensively analyzed in this article.

Keywords: e - learning, synchronous e - learning, asynchronous e - learning, internet provider, traditional learning, information technology.

INTRODUCTION

The role of innovative technologies in education and the organization of educational processes is growing rapidly. The use of distance technology further expands the possibilities of modern education. Nowadays, it is possible to get education from anywhere in the world, using the opportunities of information technology. Although traditional education has retained its status, the distance learning method is now also evolving day by day.

Today, our country is building an education system aimed at integrating into the new global information and educational environment. This is accompanied by significant changes in the organization of the educational process in line with

modern technical capabilities. The introduction of modern information technologies in the field of education allows to qualitatively facilitate and change the methods of teaching and the organization of the teaching process through a new approach. Information and communication technologies are the most important part of the process of modernization of the education system.

The current period shows the need for new requirements for the educational stage. The application and management of distance learning technologies in the educational process also play an important role.

MATERIALS AND METHODS

The creation of e-learning aids in academic disciplines further enhances the use of modern information and communication technologies in the study of these disciplines. This is the students and increases students' interest in the subject, serves as a basis for faster mastering of subjects and increase the quality and effectiveness of education.

Electronic and distance technologies are options for education using information and communication technologies.

E-Learning¹ [E - Teaching] - Today, e-learning covers many learning technologies, which can be divided into two types: synchronous and asynchronous.

Synchronous e-learning² - It is similar to the usual full-time training, but the difference is that the participants are at a distance from each other. Webinars, which are spreading day by day, can be a bright proof of this form of education. Special software is used to organize lectures.

Asynchronous e-learning is when a student or learner receives all the necessary information from online sources or electronic media [CDs or flash cards) and independently organizes the image and schedule of learning the material. The asynchronous e-learning system includes all types of CD courses and e-learning courses, podcasts and screencasts. Today, e-learning has become an integral part of the educational process in most universities, and it has also played a role in the

organization of professional development courses. The task is to organize e-courses for employees.

Distance learning technology - distance learning is a broader concept than E-teaching, it is an intensive counseling synthesis of interactive independent learning and support. Thus, e-learning is part of distance learning. Distance learning ensures the delivery of basic learning materials to students and interactive work between students and teachers in the learning process. In this case, the delivery of manuals can be done without a computer and the Internet.

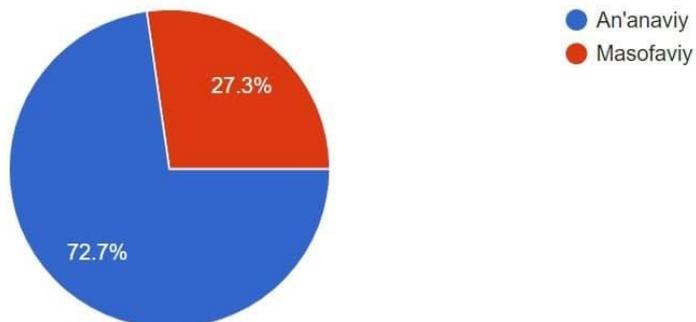
RESULTS AND DISCUSSIONS

The pandemic did not go unnoticed in our student lives either. During this period, we studied online (distance) classes, unlike regular traditional classes, and saw the pros and cons of both types of education. As a student of Jizzakh State Pedagogical Institute, I can say that distance education is just an unnecessary message in our information technology life. Distance learning is a form of education, but it is also a form of learning that takes place at the same time. we learned that in addition to a variety of games and unnecessary apps, it gives us more convenience than we thought. An example of this is that we can find the information we need quickly and ¹easily, and we can also have additional information. We can also save time through distance learning, which means that we spend 6 or 8 hours on the institute and 2-3 hours on the tasks of the institute, which is an average of 10 or 11 hours. In online learning, we have the opportunity to understand the topic and assign a task at the same time, which requires an average of 4 or 5 hours. Proof of this can be seen in a [survey conducted](#) among students of the Jizzakh State Pedagogical Institute:

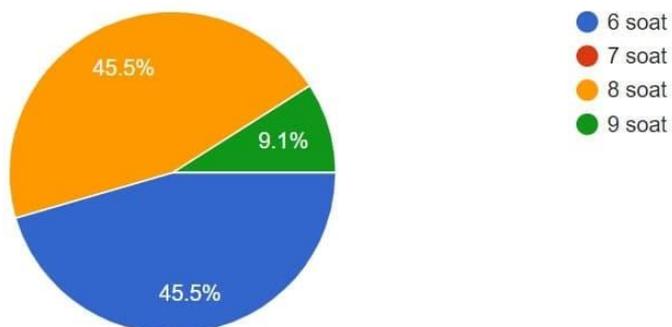
¹ Previously, the term “e-learning” was understood as computer-assisted learning, but this concept is now being expanded with the development of information technology.

² distance learning is a form of education, but it is also a form of education that takes place at the same time.

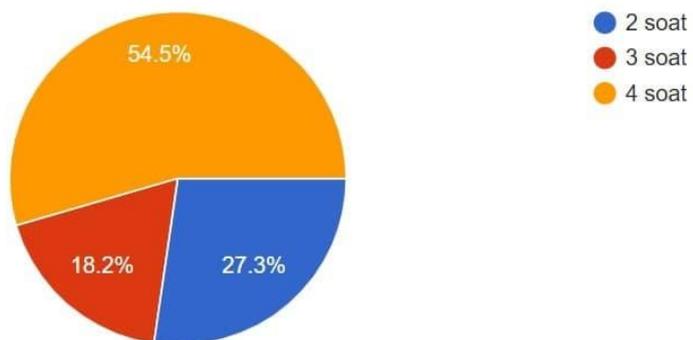
Siz uchun qaysi ta'lim turi ma'qul?



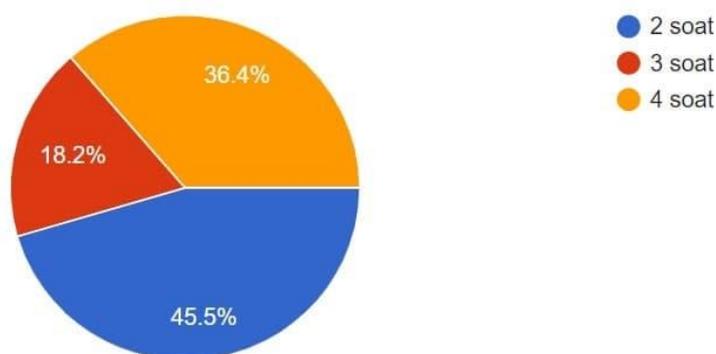
Nechi soat vaqtingizni institutda sarflaysiz?



Online darslarga qancha vaqt sarflaysiz?



Offline institut darslariga qancha vaqt ajratasiz?



In addition, we can say that in distance learning we can save not only time but also money, that is, we do not spend money on additional costs. Instead, you will have the opportunity to make money. Plus, you'll be getting rid of clutter you don't need.

The most important disadvantage of distance education is the loss of this network. The slow performance of Internet providers or disconnection is the main enemy of distance learning. In this situation, the applicant's desire to learn leads to exhaustion or nervousness. In addition, teacher-assisted learning is more qualitative for students than distance learning. That's why we students have chosen traditional education and are now learning in a traditional way.

The implementation of such measures as consideration of two aspects of the education system will further accelerate the widespread use of modern pedagogical and information technologies in the educational process, the development of advanced pedagogical professors. equipping them with knowledge and technology, improving their skills, in-depth study of the experience of foreign higher education institutions and the introduction of effective methods and tools in our national education system.

In today's age of computer networks, the nature of the creation and distribution of new technologies is changing, and this is happening in the following areas: First, skills are more important than ever in today's highly competitive

global market. The transmission and distribution of technology is a very complex process. Second, the development of new global norms that reflect the recognition of the value of technology is also becoming increasingly important. The new rules, approved by almost all countries, are strengthening intellectual property protection regimes everywhere. Third, the private sector plays a leading role in the research and development-design sector around the world. This sector has accumulated a large part of the financial resources, knowledge and personnel needed to develop new technologies. Fourth, a global labor market will be formed, employing the most highly qualified technical specialists. Fifth, new companies, research laboratories and financiers, as well as corporations, are merging into global centers for the production of new technologies. As a result, a new dynamic environment is emerging that provides the necessary interaction between scientists, financiers and entrepreneurs.

Such centers employ the best scientists and entrepreneurs from different countries, which creates great opportunities for attracting investors.

CONCLUSION

Research suggests that interactive teaching combines the advantages of traditional teacher-led teaching and individualized computer-assisted learning. The computer becomes an active assistant to the teacher. In return for the use of computer slides, interactive lessons are distinguished by their informative content as well as their effectiveness. In explaining the topic of the lesson, the teacher provides the information on the slides where it is needed to get the students' attention. Pictures, graphs, tables, diagrams, formulas are accompanied by sound, animation elements are provided together with the teacher's comments.

Interactive lessons based on multimedia technology help children of different levels of preparation to master the material and develop a desire to expand their knowledge. In addition, the learner will have the opportunity to learn at a time convenient to him. In such classes, the student's motivation to learn increases.

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