FEATURES OF DISTANCE EDUCATION IN THE LEARNING PROCESS

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Abstract: *In this article, the author considers the issues of effective use of information and communication technologies in education. Describes the effective possibilities of using distance learning in education. She notes that they mainly study remotely to obtain new knowledge or improve their qualifications, which attracts users. The author also considers both advantages and disadvantages, however, and talks more about the merits. Digital technologies make it possible to conduct a comfortable learning process, and each problem can be approached and solved.*

Keywords: *process, competence, active, multimedia, remote method, technologies, modern technologies.*

1. Introduction

Technological progress does not stand still, which leads to the active development of remote activities. In a remote way, today humanity is engaged in communication, shopping and even getting an education. The modern principles of education formulated by UNESCO declare – "Education for all" and "Education throughout life". Distance education has become a solution to the actual problems of learning, has built its own traditions and models, which are widely implemented at all stages of obtaining knowledge (from school and higher, to the corporate level). The widespread development of information and communication technologies has given this form of "new horizons", made it possible to bring to life previously inaccessible opportunities.

Today, information technologies are rapidly developing in Uzbekistan, which is reflected in e-education. In particular, I would like to note some results in the development of distance learning systems, electronic libraries, scientific and educational networks in the development of electronic educational materials. There is also an interest in this from the private sector.

On June 15, 2022, the President of Uzbekistan Shavkat Mirziyoyev signed a resolution on the organization of admission to study in distance learning at state universities.

So, from the 2022-2023 academic year, the universities of Uzbekistan, possibly have introduced distance learning at the undergraduate level.

Currently, this system is actively used for interactive training of students of TUIT and its branches in the areas of computer engineering and software engineering with the Uzbek and Russian languages.

II. Experimental methods

The distance learning system is developed on the open source MOODLE platform. Distance educational system consists of 493 sections. Each section, along with educational and regulatory documentation on the subject, contains lecture texts, guidelines for conducting practical classes, a glossary, a list of references, test tasks, handouts, assessment criteria, requirements for organizing and managing the educational process, and other materials. At the moment, sections have been created on 6 subjects for the first year taught at the university. The virtual educational system is actively used in the educational process of the university.

Virtual distance learning system

This system is designed for distance learning of students. Because of it, students have the opportunity at any time convenient for them and in a convenient place to use electronic resources, undergo training, and fulfill the tasks of teachers. The teacher regularly updates resources and monitors student attendance and assignments. Assignments can be in the form of tests or laboratory work. The system is user-friendly and meets international standards.

Distance education system E-study.

The E-study distance education system is designed for distance learning of students of academic lyceums and professional colleges, university students in offline mode. Currently, this system is actively used for interactive teaching of TUIT students and students of academic lyceums at TUIT in mathematics and physics.

III. Development of oral speech skills

The results of the assessment will be useful for the concept of the development of distance education in Uzbekistan.

Thus, the advantages of e-education contribute to their development, the number of its users increases. It should be noted that they mostly study remotely to gain new knowledge or improve their skills, which attracts users. Therefore, the development of distance education will undoubtedly affect the

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capabilities of educational institutions, increase opportunities for various categories of students, in particular employees of both public and private organizations.

Distance education has a number of features:

• Use of the Internet and digital technologies.

• Necessity of perception of electronic information.

• Ability to independently control the educational process.

• Mobility and high performance.

• Save time, the ability to learn and give lessons from anywhere in the world.

There are pros and cons of distance education.

IV. Activity monitoring

Advantages of distance learning

Distance learning has a number of advantages:

• Learning materials become available. There are many online libraries that allow readers to use textbooks and manuals for free. E-books and magazines for studying at school or at the university can be easily and freely found on the Internet. Thus, students do not spend a lot of time looking for the right material, parents do not buy expensive additional materials, and the teacher remains calm that each student has everything they need.

• Obtaining up-to-date information. The use of printed textbooks is gradually becoming a thing of the past, as time flies quickly, and teaching materials must be up-to-date. A lot of already irrelevant geographical maps, mathematical problems, illustrations remained in another world. Distance education provides an opportunity to learn from materials that will be of interest to the child of our time.

• Comfortable study environment. Students are free to move, can attend lessons from anywhere. There is no need to get up early, rush to the office of a school or university on the other side of the city. The calmness of remote work helps the students to focus on the desire to gain knowledge.

• Measured learning rates. Communication with students is carried out through instant messengers, so everyone has time to think before answering a question. The teacher can now not risk making a mistake, because he has time to look at the reference literature and give a detailed answer. This is how professional, but at the same time relaxed relationships are preserved.

• Application of game tasks. Digital technologies involve online games, quizzes, interactive puzzles that develop the level of ingenuity. The educational process becomes attractive and progressive.

• Mastering new technologies. Each teacher and student who studies remotely will have to familiarize themselves with new learning formats, including: interactive learning platforms, Google Docs, electronic workbooks, conference services. Due to this, the skill of properly organizing time and effectively distributing forces is developed.

• Ability to automate routine processes. Technology does the boring part of teaching (checking homework, building various statistics).   It is time saving.

• Work with students on an individual basis. Students feel free to ask a question in a chat rather than timidly reaching out in class. You can find an approach to each of them, issue additional tasks that correspond to skills and maintain interest in education.

Disadvantages of distance learning

There may be obvious disadvantages, of which we can distinguish:

• Everyone will have to acquire computer skills. Transitioning to a new way of working can be difficult and boring. The lack of a single instruction complicates the process, but if you make an effort, you can figure it out.

• Lack of personal communication. The teacher is used to looking at the students, so it can be difficult in the first lessons, because there is no opportunity to exercise control over everyone. Active communication with children on video conferences helps to get rid of this problem.

• Students lose motivation and become lazy. The teacher must inspire the students and constantly fuel the interest in learning.

• Erasing the boundaries between time at work and leisure. There is no clear definition of when the end of the working day, which leads to overwork. Students go out less and move less, which is unhealthy. The problem is solved if you balance work and rest, as well as engage in physical activity.

V. Conclusion and Recommendation

Distance education has both advantages and disadvantages, but there are more advantages. Digital technologies make it possible to conduct a comfortable learning process, and each problem can be approached and solved.

On distance learning, you will have to fight laziness, learn self-discipline and self-control. Distance

education provides an opportunity to improve professionally and personally, so you need to be confident and firm in your intention to acquire knowledge and skills remotely.

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