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IMPROVING THE USE OF DISTANCE LEARNING IN HIGHER EDUCATION

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ABSTRACT

The article is devoted to researching the problem and improving the use of distance learning in higher education. One of these challenges is the full introduction of distance learning opportunities in the educational process, the formation of its normative framework, including the development and implementation of a unified methodological approach to the full coverage of the process, its development and implementation opportunities related to.

KEYWORDS: *Distance Learning Opportunities, New Solutions in Education, Innovation In Education, ZOOM Platform, Coronavirus Pandemic.*

INTRODUCTION

The introduction of modern information and communication technologies in the educational process has led to the creation of a new form of teaching - distance learning, in addition to traditional teaching methods. In particular, the Coronavirus pandemic has changed the way education is taught around the world. Thousands of students have lost access to traditional education. At the forefront of the coronavirus pandemic, first of all, medical staff can be imagined, and in the second part, the active participation of thousands of professors and teachers of general secondary schools in the process of overcoming its consequences. The sudden move of yesterday's classroom lessons to the online platform was also a great experimental school for educators.

According to the order of the Minister of Higher and Secondary Special Education of the Republic of Uzbekistan dated March 27, 2020 No 233 "On the introduction of distance learning in higher education institutions" teaching in higher education institutions was transferred to distance learning [1].

In the context of the epidemiological situation in our country, online classes have been launched in a very short period of time in all educational institutions of the country. Initially, these changes undoubtedly caused certain inconveniences, but the changes observed due to the pandemic and new solutions in education have led to the introduction of innovations in the field of education, which are necessary for the modern era [2].

MATERIALS AND METHODS

Indeed, what is distance learning and how can it be used in a continuing education system. What shapes and models does it have? At the end of the twentieth century, humanity faced several problems, which are directly related to the significant changes in the field of information telecommunications, in particular, the rapid development of information technology. New means of information and communication began to enter various spheres of education, production and human society. The development of the global computer network of the Internet has led to the opening of new directions for the improvement of the education system around the world. First, the drastic change in the technical equipment of educational institutions, the wide access to secular information resources has led to the need to use new forms and methods of teaching [2-4].

The introduction of modern information and communication technologies in the educational process has led to the creation of a new form of teaching - distance learning, in addition to traditional teaching methods. In distance education, the student and the teacher are in constant communication with each other using spatially separated training courses, forms of control, electronic communication and other technologies of the Internet.

Distance learning based on the use of Internet technology provides access to the global information education network, performs several important new functions with the principle of integration and interaction. Distance learning provides an opportunity for all those who want to learn to continuously improve their skills. In the process of such teaching, the student learns independent teaching materials in an interactive mode, undergoes supervision, carries out control work under the direct guidance of the teacher and interacts with other "vertical learning group" students in the group.

For obvious reasons, distance learning is a convenient form of education for those who do not have the opportunity to study in full-time departments of educational institutions, for example, do not require health, intends to change their profession or are older, intend to improve their skills. Different information and communication technologies are used in distance learning, that is, each technology depends on the purpose and nature of the problem [2-5].

For example, while traditional print-based teaching aids (textbooks, manuals) are based on introducing students to new material, interactive audio and video conferencing is designed to interact over a period of time, sending and receiving e-mail directly and back. While pre-taped video lectures allow students to listen and watch lectures, facsimile communication, messages, and the rapid exchange of assignments over the network allow students to learn through feedback. Based on the above, we give a description and definitions of some of the terms that are currently being mentioned repeatedly in the educational process. Distance learning is education based on distance learning.

Distance learning is a relationship between a student and a teacher based on the purpose, content, method, organizational forms and teaching methods - Internet technology or other interactive methods and components of all learning processes at a certain distance from each other [6-8].

A distance learning system is a training system based on the conditions of distance learning. Like all education systems, the distance learning system has its own structural purpose, content, methods, tools and organizational forms. Pedagogical technologies of distance learning is a set of teaching methods and techniques that provide the educational process of distance learning based on the selected teaching concept. Case technology is such a method of organizing distance learning, which is based on the use of a set of textual, audio-visual and multimedia (case) teaching materials in distance learning. TV technology is a method of organizing distance learning, which serves to convey educational and methodological information to students through television and is based on the installation of one of the optional interactive methods of external communication.

Currently, online classes are organized through the ZOOM platform, where every professor of the university evaluates students' knowledge in a timely manner, including video lectures, the text of lectures, presentation materials on the topics, independent work, open and closed tests. An online lesson is a new style and radically different from a traditional lesson. This means that every teacher now has to partially forget the approaches in the classroom and adapt to virtual audiences because these lessons also have their own serious requirements and conditions. Through online classes, students will be able to work more independently, engage in scientific creativity, and read books. Teachers, on the other hand, participate in online videoconferences with the participation of foreign scientists and strive to work regularly to develop their professional skills.

At present, there is an objective basis for a qualitatively rapid transition to new technologies of teaching and education, as innovative processes in economic and social life require radical changes in self-education as well. No teacher-educator can be left out of this process sooner or later. In the context of modern globalization, the quality of education is expected to further increase as a result of the enrichment of online teaching methods in higher education with modern media. In this regard, the method of distance learning is of particular importance, as it has several advantages for both teachers and students. The current situation makes it necessary to develop computer programs based on the necessary teaching materials and manuals for students. After all, distance learning provides an opportunity to obtain and summarize the methodological literature of the world educational centres, modern and up-to-date information in any field.

RESULTS AND DISCUSSION

With the large-scale introduction of technology in our country, online teaching can also facilitate the solution of several socially significant issues. The need of the republic for qualified and competitive specialists will be met by creating conditions for meeting the needs of students in the field of education. It is also possible to increase the social and professional activity of students. It creates favourable conditions for students studying in part-time departments, especially for young people studying in isolation from production.

Training on the basis of this method plays an important role in the training of future professionals and serves to strengthen the active participation of working people in society and

enrich their worldview. This puts the task of implementing priority plans, such as strengthening the economic potential of the country, with the scientific achievements accumulated in higher education institutions, specialists and their participation. In this regard, it should be noted that the meetings of scientific and technical councils under the Ministry of Innovation Development are also held online these days. Online meetings not only allow you to use your time more efficiently but also optimize the meeting preparation process. Based on the general requirements for the formation and implementation of the state order for research projects in accordance with the Regulations on the state order for research, the establishment of an online system of work based on the criteria for evaluating scientific expertise on projects. encourages a more responsible approach.

CONCLUSION

Summarizing the above, it can be said that the introduction of the distance learning complex in higher education institutions will bring all-around benefits. The higher education system has all the conditions for the introduction of this complex. All higher education institutions in the country are well equipped with computers, information and communication technologies. They are all connected to the Internet. The widespread introduction of these technologies in the education system will help to solve many problems facing higher education institutions in a timely manner. Nowadays, the teaching of sciences using computers is becoming more important. The opportunities of computer technology can be effectively used in the development of students' personality-oriented development, creative abilities. Educators use the computer not only in the preparation of methodical materials for the lesson but also in the use of computer programs necessary for teaching science, as well as in the process of individual work with students.

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