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## SIGNIFICANCE AND ROLE OF DISTANCE EDUCATION

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Currently, new information technologies are widely used in the education system in Kazakhstan. The use of information technologies and new methods of education through the computer network is expanding. The most important factor in the use of new information technologies in the education system is the main driving force - the person, therefore the basic principles of education must be implemented. In this regard, necessary conditions should be created for the development of the creative potential of a person. The concept of "new communication technologies in the field of education" arises from computer technology and electronic reference systems and people's constant search for new teaching methods. The method of teaching it is changing according to the requirements of time. Nowadays, innovative teaching is widely used in didactics. Innovation is the diffusion and creation of news. The main trend of modern pedagogy was to find a didactic way and means to turn teaching into an industrial-technological process. This search led to the concept of "pedagogical technology". We know that in the 21st century, information systems are flourishing and developing in space, information resources are the main means of development of industry and environment. Smart life is entering a new phase of development, which requires a gradual transition to the creation of new smart learning technology. Transitioning to new learning technology takes a long time. Computer technology, entering the educational environment, leads to the use of tools and methods to improve the teaching process. In terms of services in the area of basic basic education, distance learning opportunities are also being supported by the government. The use of this technology is helping to quickly inform rural areas as well. One of the new methods used in the learning process is the distance learning method.

Distance learning is a form of education using informational tools and scientifically based methods. Distance learning has two components: learning management and self-directed learning.

Education of students will not increase if teachers are not prepared and organized in advance, if software is not provided. Because in order to improve the student's education and progress, we need to improve the teacher's qualification. Distance education improves the qualification of the teacher, forms independent learning of the student, changes the attitude of parents towards new technology.

Advantages of distance education in improving the qualifications of teachers:

- economic, total cost of training will decrease by 40%;
- commercial, distance learning, technology and its application, the demand for which is growing day by day;
- pedagogical, teaching is motivational, interactive, technological and individual;
- ergonomic, remote students and teachers have the ability to set a schedule of time that is convenient for them to work;
- the number of professions of teachers and listeners communicating through communicative, electronic networks is increasing.

Although information technology is well developed, it is not considered the main means of education. For this, it is necessary to make changes in the curriculum and teaching methods. The use of new technology requires a lot of preparation time for teachers. It is necessary for every teacher to search, create creative work, get acquainted with advanced practices of far and near foreign countries and apply them in everyday life.

This teaching tool is so powerful that it exchanges new types of teaching and teaching methods with other colleges. The college has the opportunity to teach the subject of telecommunications. There are not enough methodological complex, necessary programs for teachers and students, textbooks and aids in the Kazakh language. Some subject teachers have used the Internet little or not at all. Although colleges are equipped with new information technologies, there are not enough courses to improve the knowledge of teachers on this topic, that is, to prepare teachers. In addition to general education, studying the experience of advanced countries, improving one's own knowledge, innovation, best practice, learning computer communication is the professional duty and necessary duty of every subject teacher. Although all the tools are sufficient, if the education of the subject teacher is low, the students' knowledge of telecommunications will decrease, which will affect the development of the telecommunications environment in Kazakhstan in the future.

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## IMPROVING LESSONS THROUGH THE USE MODERN TECHNOLOGY "DESIGNER"

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The widespread development of information technologies and their penetration into all spheres of society is a global trend in the world development of recent decades. Currently, in connection with the development of computer technology and modern means of communication, information technology of education is increasingly being discussed. Mastering the skills of these technologies largely determines the success of the future professional training of current students.

One of the priority directions of the process of informatization of modern society is the informatization of education - the introduction of new information technologies in the education system.

Our time sets before teachers the task of improving the quality of education, a solid mastery of the basics of science, and ensuring a higher level of teaching. Universities are abandoning the traditional form of education, which does not take into account the individual abilities of each student. Updating education requires the creation of new textbooks and training programs, the development of new teaching methods.

One of the new learning tools are lesson constructors. The use of new interactive learning tools leads to a change in the content of education, learning technology and relationships between participants in the educational process. The use of the "Constructor" technique improves the teaching process, increases its efficiency and quality.

The lesson constructor is a class of information services that provides an opportunity for teachers to create their own educational content.

Lesson constructors can contain all the most important components - the ability to post informational content and tasks for verification, including tests. Most constructors do not require