

## WAYS TO IMPROVE THE METHODOLOGY OF USING DISTANCE EDUCATION TECHNOLOGIES IN HIGHER EDUCATION INSTITUTIONS

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### Аннотация

Не будет ошибкой сказать, что образовательный процесс остается сложным для человечества, страдающего от различных инфекционных вирусов, землетрясений и стихийных бедствий. Вопрос о продолжении процесса онлайн был принят многими. Перебои в надлежащих средствах связи по разным причинам усложняют этот процесс. Но быстрое совершенствование дистанционного образования является основой для дальнейшей интерпретации и применения этого процесса.

**Ключевые слова:** дистанционное образование, процесс, обучение, обучающийся, глобализация, Интернет, программа.

### Abstract:

It is not wrong to say that the educational process remains complicated for humanity, which is suffering from various infectious viruses, earthquakes, and natural disasters. The issue of continuing the process online was accepted by many. Interruptions in proper means of communication for various reasons complicate this process. But the rapid improvement of distance education is the basis for further interpretation and application of this process.

**Keywords:** distance education, process, education, learner, globalization, Internet, program.

### Annotation

Ne budet oshibkoy skazat, chto obrazovatelny process ostaetsya slojnym dlya chelovechestva, stradayushchego ot razlichnykh infektsionnykh virusesov, zemletryasenyi i xihinykh bedstvi. Vopros o prodolzhenii protsessa online byl prinyat many. Pereboi v nadlejashchikh sredstvax svyazi po raznym prichinam uslojnyayut etot process. No bystroe sovershenstvovanie distantsionnogo obrazovaniya yavlyaetsya osnovoy dlya dalneyshey interpretatsii i primeneniya etogo protsesa.

**Keywords:** distance education, process, education, education, globalization, Internet, program.

Distance education (DL) - providing students with the main part of the studied material, interactive interaction of students and teachers during the educational process, independent work for students to master the studied material a set of enabling technologies. It is also an educational process in which communication is provided in various ways, such as the exchange of printed materials by mail and fax, audio conference, computer conference, video conference.

Distance education is a promising way to educate rural students with special needs or individuals who cannot otherwise reach their goals. Chat classes are educational sessions conducted using chat technologies. These lessons are conducted synchronously, which means that all participants have access to the chat at the same time. Many distance education institutions have a chat school, in which the activities of remote teachers and students are organized with the help of chat rooms. Web-classes are remote classes, conferences, seminars, business games, laboratory work, seminars and other forms of educational activities conducted using telecommunications and other possibilities of the Internet. These methods are used in special educational web forums for higher education, - the user's work on a certain topic or problem, data exchange with the help of notes left on one of the sites where the relevant program is installed, the methodology of using these technologies helps in improvement. Among these methods, Web forums are distinguished by the possibility of working longer than the first form of classes (multiple days) and the synchronous nature of interaction between students and teachers. Also, teleconferencing is conducted on the basis of mailing lists, as a rule, using e-mail. Educational teleconferencing is characterized by the achievement of educational objectives. There are also forms of distance education, in which study materials are sent to the regions by mail.

A method of teaching through the interaction of the student, consulted or practiced with educational resources, with minimal participation of teachers, tutors, consultants, scientific and technical leaders (self-teaching). To implement this method, teachers and educators create and select various educational resources: printed, audio and video materials, as well as delivered through telecommunication networks (interactive databases, electronic publications and computer training systems). study guides.

A method of individual teaching and learning characterized by a single teacher, instructor, consultant, or scientific-technical relationship of one student, student or consultee, client in need of academic and technical services, degree candidate. supervisor (one-on-one training). This method can be implemented in distance education mainly through technologies such as telephone, voice mail, fax, e-mail, Skype system.

The method is based on the presentation of educational material by the teacher, in which students do not play an active role in communication ("one-to-many" learning). This method is used by a teacher, a tutor, a consultant, when the whole group is trained and consulted, they are prepared approximately equally, and the final result is the same for everyone. For example, this happens when a tutor prepares schoolchildren for the Unified State Exam or advises students on various subjects. This method, typical of the traditional education system, is being developed on the basis of modern information technologies. Thus, lectures recorded on audio or video cassettes delivered on radio or television are supplemented in modern distance education by electronic lectures distributed over computer networks using bulletin board systems. E-lectures prepared and selected by teachers, tutors, consultants can be a collection of articles or excerpts from them, as well as educational materials that prepare students for future discussions. This system is based on a learning method called natural learning method. Distance education is a democratic, simple and free education system. It was invented in Great Britain and is now actively used by the population of Europe for further education. The student acquires stable automatic skills by constantly performing practical tasks. Theoretical

knowledge is absorbed without additional efforts, it is organically woven into training exercises. The formation of theoretical and practical skills is achieved in the process of systematic study of materials after the speaker and listening and repetition exercises in audio and video media (if available).

The use of remote methods can be provided in the following ways:

- exchange of lecture, practical, educational, periodical and other materials by e-mail or directly on the electronic resource of the educational institution;
- video conference;
- conducting audio conferences;
- exchange of information by organizing forums and chats;
- checking knowledge in the form of tests, various tasks (control, laboratory, etc.), webinars, etc.

Remote technologies provide two ways of receiving information:

Systems are online in real time, otherwise synchronous systems that are always ready. They imply the simultaneous participation of students and teaching staff in the educational process. Online systems, otherwise asynchronous systems. They do not require simultaneous interaction, the student chooses the time, place and sequence of learning at will.

A combined method that uses elements of an online system and an offline system.

Distance education has a number of advantages and disadvantages.

Advantages of distance learning include:

- independently choose the time, place and sequence of training;
- open access to educational materials from anywhere in the country;
- flexible study conditions;
- performing educational tasks at any time that does not coincide with working hours.
- reduce tuition costs, while travel costs are not required;

Disadvantages of distance education include:

the availability of high-speed Internet is often a challenge for the remote settlements of our country.

impossibility of identifying the person performing the educational tasks. Although many universities are implementing safeguards to detect the completion of assignments by third parties:

- applying self-discipline and self-control exercises;
- the presence of errors in the development of courses and their high labor intensity.

In conclusion, distance learning is important for students with disabilities who have limited mobility or are unable to attend public classes due to illness. Also, distance learning is of great value to working adults who are unable to attend educational institutions on a regular schedule.

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