

Distance Learning System in Educational System Instead, and Significance

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Abstract: The article is devoted to the urgent problem of modern education - distance education as a new form of education. The main purpose of the article is to justify and discuss distance education as a new form of education. This article defines the main trends in the development of distance education, shows the differences between distance and traditional education. Analyzes a number of problems faced by teachers and students in distance education.

Key words: education, distance education, traditional education.

Distance education is a method of remote education and training based on information and communication technologies - e-mail, Internet, video conference, audio, video data and multimedia training manuals. For example, information on a new topic or subject can be transferred remotely to voluntary educational institutions in the regions. Distance learning is the only method if there is no specialist in the field

Distance education is the interaction of teachers and students with each other at a distance, which includes all the components inherent in the educational process (goal, content, methods, organizational forms, training manuals) and is carried out in specific means of Internet technologies or in other means that provide interactivity[1].

Unlike other forms of education, distance education based on computer telecommunications allows:

- fast remote transmission of any information ;
- to save this information in memory for the necessary time, edit, etc;
- interactivity and quick feedback with the teacher and other participants of the training course with the help of multimedia information specially created for these purposes;
- access to various information sources, including remote and distributed databases, many conferences around the world through the Internet system;
- organization of joint projects in the field of telecommunications , as well as international electronic conferences, computer audio and video conferences [2].

It is important to understand that the main feature of distance education is the student's independent work, his individual position and the ability to quickly find, filter, sort information of a special nature.

Taking into account the desire of society to move forward and taking into account that the analysis of the evolutionary forms of education has already been carefully carried out, it can be said that distance education will probably be one of the most priority methods in ten years [3].

Distance education is based on open education, that is, freedom of study place, form and time is provided; trained computer programs, on the basis of modern information technologies, provides personnel training in accordance with the demand of the labor market, which implies the rational use of world resources in the training of specialists in various specialties and industries [4]. In distance education, special attention is paid to feedback, i.e. knowledge control. Knowledge control is a necessary element of the distance learning process of students, and it is of particular importance from the point of view of managing their cognitive activity. In other words, control is an important source of information, feedback, in which the level of knowledge acquisition by students can be implemented in different ways.

Current experience shows that distance learning students become more independent, active and responsible. Without these qualities, he cannot learn. If these characteristics are not present at first, but the motivation for training is great, they will develop and after graduation, specialists who are really in demand on the labor market will appear.

The introduction of distance learning, in our opinion, reduces the nervousness of students when taking a test or exam. It's no secret that anxiety and fear of students do not allow some students to fully demonstrate their knowledge. With distance learning, there is no subjective evaluation factor, the psychological influence caused by the influence of the group or the performance of the student in other subjects is removed.

"What does distance education give to the teacher?" answering the question, it can be said with confidence that with distance education, the role of the teacher changes and his opportunities expand. This form of education allows the teacher not to waste time on the regularity of the educational process. At the same time, the student has enough time to check knowledge and work on himself. Distance learning systems allow you to automate almost everything except the personality of the student. As a result, the teacher's working time can finally be devoted to pedagogical creativity. Distance learning teachers do not have to leave home to attend classes or to prepare teaching materials, and this allows teaching to anyone who can and wants to do so, regardless of whether they are busy at home (e.g. women raising young children) and health conditions (eg experienced older teachers). In addition, the free schedule opens up ample opportunities for all distance education teachers to work part-time, as mandatory attendance hours can be reduced to a minimum. However, distance education requires additional effort and skills from the teacher based on its technologies. Teaching based on the presentation of educational material to students by the teacher does not play an active role in the communication characteristic of the traditional education system, but is being developed on the basis of innovative technologies .

So, we can say that distance education is a new stage of education , which includes the use of the latest information technologies using personal computers, video and audio equipment.

In addition, there are a number of features that must be characteristic of distance education in order to be considered effective:

- careful and detailed planning and organization of student activities; a clear statement of tasks and learning objectives; delivery of necessary educational materials;
- interactivity as the main concept of distance learning educational programs. Distance education courses should provide maximum interactivity between the student and the teacher, feedback between the student and the learning material, as well as group learning;
- highly effective two-way communication so that listeners can be sure of the correctness of their actions.
- motivation ; for this you need to use different tools and methods;
- the modular structure of the distance education course, in which the student is aware of the process of transition from module to module, can choose any module according to his own desire or the head teacher's desire, depending on the level of preparation. At the same time, it should be noted that large modules significantly reduce the motivation to learn;

It is possible to store, process and deliver information of any size and content at any distance .

Today, an ordinary student can learn printed educational literature (textbooks, manuals) independently, because he got acquainted with the methodology of working with these educational tools at school.

In distance education, compared to classroom training, the biggest challenge of practical activities is the use of new means of computer communication.

Thus, distance education can be a good alternative to traditional education as a new form of education.

Distance education is fully or partially implemented on the basis of modern information technologies and is carried out using computer equipment, telecommunication tools and technologies. Basically, this type of education is a distance process of transferring and receiving knowledge through modern interactive technologies, including the Internet. Among the educational technologies that best meet the requirements and characteristics of distance education are video lectures, video conferences, multimedia lectures and practical training. Widely used electronic multimedia textbooks, teaching computer systems, computer simulators, as well as consultations and tests using telecommunications . When choosing in favor of certain technologies of distance education , it is necessary to take into account the specificity of certain educational areas, the superiority of certain types of tasks and training exercises

In other words, distance education opens up unprecedented opportunities for the modern generation, which makes it possible to make significant progress in the field of education and increase the intellectual level of the student.

Summary. In conclusion, it can be said that distance learning is necessary not only for educational institutions, but also for large-scale enterprises and institutions in the process of globalization, in training and retraining their specialists, improving their knowledge and skills at a high level . holds an important place. It is possible to increase the general level of knowledge of the population and the quality of this knowledge using distance education . In the distance education method, even if the student and the teacher are separated by a distance, constant communication is maintained. It was concluded that distance education can be considered as full-fledged education.

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