

**THE ROLE OF INFORMATION TECHNOLOGY IN EDUCATION IN THE
DEVELOPMENT OF STUDENTS' INDEPENDENT LEARNING SKILLS**

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ANNOTATION

The article emphasizes the importance of the use of information technology in education, the need for students to use information technology. Emphasis was placed on the fact that the quality of education is also based on information technology.

Keys words: *emphasizes, importance, information, world, article*

As we live in the information society, we are witnessing the transition from the industrial to the information stage of development. Indeed, it is characterized by the fact that information is produced, processed, and fully utilized in all areas of human life. That is why information is becoming a strategic resource of society, it is becoming a product. By the end of the twentieth century, data collected by all mankind and emerging was taking the form of computer technology. Information systems are emerging around the world.

The level of computer literacy of modern professionals is very high

must be an IT professional in his or her field should be able to use.

First of all, we need to understand that electronic and distance technologies are options for education using information and communication technologies.

So what is e-learning?

E-Learning - Previously, the term "e-learning" was understood as computer-based learning, but with the development of information technology, this concept has expanded. Today, e-learning covers many educational technologies, which can be divided into two types, synchronous and asynchronous.

Synchronous e-learning is distance learning, but it is real-time learning. It is similar to regular full-time training, except that the participants are far apart. Webinars, which are becoming more and more popular, are the brightest form of this form of education. Special software is used to organize the lectures.

Asynchronous e-learning is when a student receives all the necessary information from online sources or electronic media (CDs, DVDs or flash cards) and independently organizes the pace and schedule of learning. The asynchronous e-learning system includes all types of CD courses and e-learning courses, ostreams and vaskrinkasts. Today, e-learning has become an integral part of the educational process in most universities, which has also played a role in the organization of professional development courses, some corporations have divisions. , their task is to organize e-courses for employees.

Distance Learning Technologies - Distance learning is a broader concept than E-Learning, which is an intensive counseling synthesis of interactive independent learning and support. Thus, e-learning is part of distance learning. Distance learning provides students with basic learning material and interactive interaction between student and teacher during the learning process. The manuals can be delivered without a computer or the Internet.

Advantages of distance learning

There are many benefits to using distance learning.

Opportunity to study from home - People living in remote villages do not always have the opportunity to go to the big cities and go to university. Distance learning technologies allow them to study without leaving their hometown.

Combining study and work - Students have the opportunity to study without leaving work, which is especially useful for advanced training or second higher education.

Acquisition of quality technologies and curriculum - the student can be taught with the help of quality teaching materials, communicate with the teacher and create their own individual curriculum.

Impartiality of assessment - distance learning technologies involve continuous monitoring of the quality of knowledge, evaluation of results, objective automated assessment that is free of human factors, loss of material interest in the field.

An individual approach to learning - a combination of changing schedules, work and study, as well as adapting the material to the speed of individual learning, makes distance learning more accessible to all.

In conclusion, different techniques for working with each type of information (collection, storage, etc.) information devices with characteristics will be required. There is a great deal of computerization in education today emphasis is placed on lessons from modern teaching technologies in the process use big positive results will give.

That's why it's great for creating e-learning resources from all disciplines

attention is paid. The first reason is that e-learning resources are information

complete with modern multimedia and animation tools illuminated. This is one of the most important features of e-learning resources then. Second, to control the acquired knowledge in an interactive way available. Third, the e-learning resources created

if we use it on another computer, then the multimedia capabilities are compromised can be observed. Therefore, e-learning resources are different on a disk that can be installed on a computer, and on other computers are also available.

The educational process is based on didactic principles, is based on the unity of the educational material. Creating e-learning resources is time consuming and time consuming is an ongoing process. E-learning resources are good for the learning process each of which is now yielding and in need of subject, the creation of such tools for the course is a requirement of the period. Creating and using e-learning resources in computer science students' skills and abilities through the use of the educational process especially since the issue of shaping has not yet been sufficiently studied for secondary schools. In this sense, e-learning resources is emerging as a new tool for teaching.

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