

# СЕКЦИЯ «ИННОВАЦИИ В ОБУЧЕНИИ ИНОСТРАННЫМ ЯЗЫКАМ СТУДЕНТОВ ТЕХНИЧЕСКОГО УНИВЕРСИТЕТА»

UDC 811.111:378.317.52

## THE USE OF MODERN TECHNOLOGIES IN EDUCATION

**Bankovskaya I. N.**, lecturer  
Belarusian National Technical University  
Minsk, Republic of Belarus

Today it is very almost impossible to imagine our life without different up-to-date gadgets and electronic devices. These technologies are used in business, medicine, science and many other areas of human activity.

Modern technologies have contributed to the development of science, greatly facilitating design and computing activities. In medicine, doctors can use computers to create virtual models of the development of various diseases. In addition, new medications are being developed based on computer-generated databases. In business technology, it has made it possible to globalize business operations. Now almost everyone can do business almost anywhere, from any room of their home [2].

And these are just some examples of how modern technologies have dramatically changed people's lives in certain areas. However, in order for a person to become a highly qualified specialist in their chosen field, they need to go through several stages of training: school, university, and various advanced training courses...And the question asked is: how do modern technologies affect the educational process?

Currently, according to statistics, the following educational software tools are most often used in practice in many educational institutions in Belarus [1].

1. Multimedia whiteboards, projectors, televisions, computers, and other items of equipment that provide the ability to manage all resources from the teacher's usual workplace: from viewing individual images or presentations to calling educational software products and Internet resources. With modern technologies in hand, the teacher can manage both educational process as a whole and individual information resources.

2. An electronic textbook is a learning system that is based on didactic and methodological materials about the subject. The electronic textbook is suitable for both self-study of the subject and as a basis for

the presentation of the lecture subject. The electronic textbook contains all the topics that are provided in the curriculum. There is also a block where the student can check and consolidate their knowledge.

3. The Internet is a worldwide system for accessing any file. Thanks to the use of the Internet, the student can find all the necessary information for the question that interests him. The advantages of the Internet is the ability to find out any information, regardless of where you are.

4. Distance education – the teacher's work with students at a distance that displays all the components of the educational process. Distance education allows students to get all the necessary knowledge remotely from the main place of study. This is very convenient, since there are a certain number of people who can't attend educational institutions for health reasons. And in the distance learning system, they can get their education without leaving home.

Thus, we can make the following conclusions:

1) the educational process with the participation of a teacher becomes the most effective with the using of modern technologies. At the same time, by minimizing flaws and using improved technology models, the quality of education will significantly improve: the teaching process is activated students' interest in the discipline being studied is increased, the efficiency of the educational process is stimulated, and the desired depth of the material perception is achieved;

2) taking into consideration the fact that there are currently rapid changes in modern technologies in the educational system, this will inevitably lead to the fact that the current expensive technologies / technologies that are at the development stage will become an integral addition, an element of a multi-faceted educational environment, the main indicator of the effectiveness will be that students will better absorb and practice all the necessary knowledge and skills.

### **References**

1. Pros and cons of classroom learning technology [Electronic resource]. – Mode of access: <https://tophat.com/blog/6-pros-cons-technology-classroom/>. – Date of access: 01.04.2020.

2. Top 6 educational technology trends [Electronic resource]. – Mode of access: <https://google.com/amp/s/educational-technology-trends>. – Date of access: 29.03.2020.