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DISADVANTAGES AND ADVANTAGES OF DISTANCE LEARNING

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Annotation. The article discusses the nuances of distance learning at the university, highlights the advantages and disadvantages of using distance technologies, and provides examples of programs and applications.

Keywords: distance learning, distance technologies, advantages of distance learning, disadvantages of distance learning.

Introduction. Over the past year, the issue of introducing distance learning technologies in the learning process has become increasingly relevant. There are many interpretations of the concept of "Distance learning". For example, E. S. Polat, Head of the ISMO RAO Distance Learning Laboratory, says that distance learning is "an organized learning process that involves: active exchange of information between students and teachers", and in the opinion of Tikhonova A. N. distance learning is purposeful training is usually carried out at a distance from the teacher's location.

According to the Ministry of Education and Science, about 80% of Russian universities have switched completely to the remote format of working with students, and from universities subordinate to the Ministry-all 100% (according to the Briefing of the Minister of Science and Higher Education Valery Falkov of 25.03.2020). [1].

Distance learning has a number of advantages:

- accessibility and convenience of using the distance learning system: the ability to receive information at any time of the day, at a comfortable pace, from anywhere in the world.
- efficiency and speed of receiving information: quick access to literature and educational materials that students can find on their own, or with the help of a teacher via telecommunications (email, social networks).
- cost-effective: distance learning is cheaper than full-time and part-time education.
- remote learning allows you to learn while working, without interrupting, and immediately use the acquired knowledge in practice/at work.
- remote technologies are suitable for organizing an individual approach; However, distance learning also has a number of serious drawbacks:
- narrowing of the potential audience, not everyone who wants to study has the opportunity to join the learning process (computer, Internet access).
- insufficient computer training and / or lack of practical knowledge of many potential participants in the process.
- insufficient discussion space and personal interaction
- strong motivation of the trainee is necessary.

According to a 2019 HSE study, university teachers with an academic degree themselves have a low (3.2 points out of 5) assessment of their level of proficiency in remote technologies, and every 4th of them has never used remote video communication services to participate in webinars and video conferences or conduct similar events over the past 3 years. events [2].

There are several approaches to the concept of distance education. The first one, which is quite common today, includes the transmission of information by teachers, and the personal

productive activity of students is in the background. The second approach focuses on the integration of student and teacher work, which ensures higher productivity of the educational process. The process of distance learning can occur synchronously, for example, when using video communication, and asynchronously-via email.

The Department of Physical Culture of Bashkir State Medical University in the period of distance learning, together with the BSMU Media Center, prepared video lessons on conducting physical training sessions, physical education centers https://vk.com/video-176637157_456239305, https://vk.com/video-176637157_456239312 , https://vk.com/video-176637157_456239316, https://vk.com/video-176637157_456239319. Students can independently study video lessons, guidelines for each section according to the work program for the discipline "Physical Culture and Sport". Currently, there are many telecommunication services and platforms that can be used for distance learning. In particular, email, electronic journals, Usenet conferences, skype, teams, zoom, and others. Also, various messengers and social networks are successfully used for faster and more targeted communication between teachers, teachers and students. social networks (Vk, WhatsApp). Due to the latest developments, among all the many platforms for distance learning, the most effective is the service zoom [4].

Advantages Zoom are:

CIt is worth noting that working on the ZOOM platform is convenient and understandable. Using additional options makes learning interesting and productive. Having such features as enabling video content or, for example, disabling comments on the screen. Thus, you can easily manage the educational process, students repeat a set of exercises at home. To check those present at the session, the chat helps us, i.e. you can see who is registered. In a word, there are different features of the platform so that training is lively, useful and high-quality. We conducted a sociological survey, asking students of different courses and teachers about the effectiveness of distance learning. The study data are presented in (Table 1).

Table 1.

Data from a survey of students and teachers on the effectiveness of distance learning

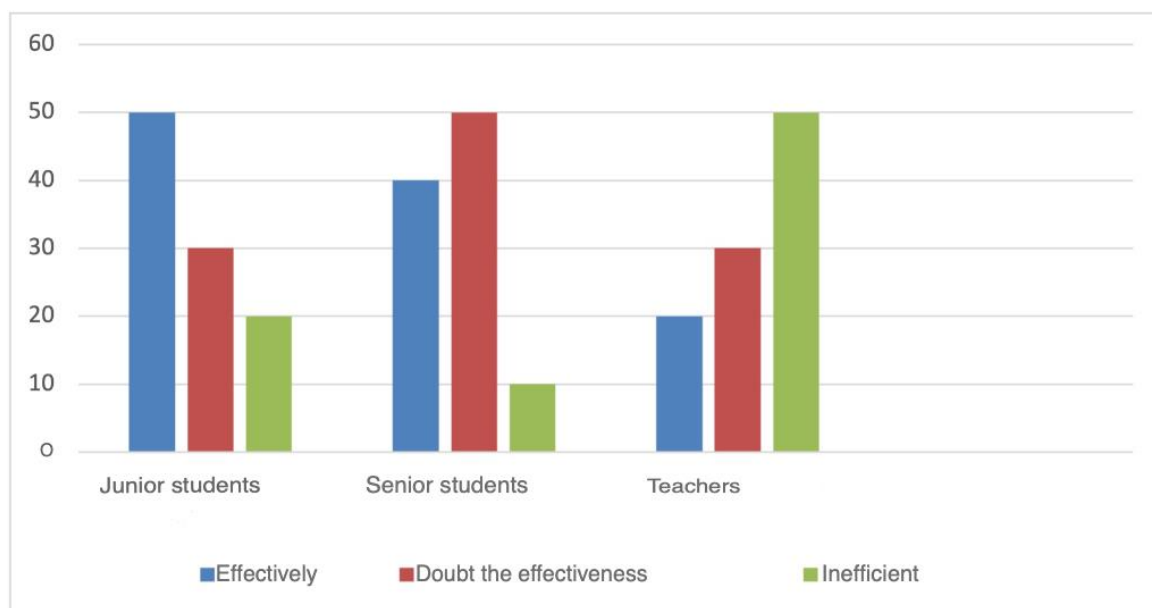|	Junior students	Senior students	Teachers
Effectively	50%	40%	20%
They have doubts about the effectiveness	30%	50%	30%
Inefficient	20%	10%	50%

Fig. 1. Data from a survey of students and teachers on the effectiveness of distance learning

Thus, we can conclude based on the data of a sociological study that not everyone is satisfied with the effectiveness of distance learning (Figure 1). Conclusions and future prospects. Based on the above, we can conclude that distance learning is a complex, multi – factorial process that requires attention to a variety of factors (different ability of teachers and students to access the Internet, difficulties in accessing equipment – PCs, mobile phones of sufficient capacity, etc.). This approach to learning has its pros and cons. But, nevertheless, remote training is the only way to continue the learning process safely and in a timely manner in the face of a pandemic.

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APPLICATION OF DIGITAL TECHNOLOGIES WHEN TEACHING CHEMISTRY TO FOREIGN STUDENTS

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The relevance of the chosen topic is due to the need to introduce modern digital technologies into the educational process in connection with the changing requirements of the modern labor market.

Key words: digital technologies, knowledge control, online learning.

The formation of the digital economy and digital society are the global trends of the modern world, which are becoming part of the global ecosystem [1].

The labor market is undergoing great changes due to the transition to a digital economy. IT technologies are used in all spheres of life, so the competent impression and application of digital skills is becoming more valuable for employers every day.

Today, due to the changing requirements of the modern labor market for future young professionals, higher education is faced with the task of teaching students the effective use of both cross-cutting digital technologies and industrial ones. It seems possible to accomplish this task with the development of material infrastructure, the use of various digital programs in teaching, as well as the formation of digital literacy of teachers and students.

Every year the number of automated operations in the field of professional activity of a doctor is increasing, so future young specialists need to freely navigate in the digital space.

The study of the discipline "Chemistry" according to the curriculum of the specialty 31.05.01 General medicine is carried out in the first semester of the first year. In particular, when studying the discipline by foreign students studying using the intermediary language - English, the Department of General Chemistry of the Bashkir State Medical University creates learning conditions taking into account the latest achievements in the digital economy. Modern technical means are being actively introduced into the educational process, which makes it possible to individualize the development of disciplines and contributes to the development of a creative approach both on the part of teachers and students.