

MODERN TECHNOLOGIES USED IN THE EDUCATIONAL PROCESS AND THEIR IMPORTANCE FOR LEARNERS

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Abstract: *This article talks about the role of modern information technologies in the pedagogy and educational process and the opportunities created by their use. Through several examples, the author describes the changes that are taking place due to technology and the opportunities that have arisen for students.*

Keywords: *educational process, students, information technology, electronic board, educational literature.*

INTRODUCTION

It is known that the 21st century is considered the century of technological development, which is reflected in all aspects of life. As long as humanity lives, modern technologies will be updated in sync with it. They are able to perform tasks that require a lot of strength and energy in a short period of time and with high results. Technologies cover all spheres of life and directly participate in educational processes.

METHODS

According to information, the use of modern technologies in pedagogy leads to an improvement in educational efficiency and an increase in students' interest in the lesson process. For this reason, pedagogues use new technologies efficiently in order to achieve the desired quality of education.

RESULTS AND DISCUSSIONS

As mentioned, the role of modern technologies in the educational process, as in all fields, is incomparable, and they provide an opportunity to use interactive methods of teaching. Nowadays electronic equipment widely used in educational institutions: whiteboards, projectors and computers are examples of the most popular types of these modern technologies. These technologies make the educational process more effective and increase the interest of students in the learning process.

It is no secret that the role of gadgets such as smartphones and laptops in the lives of students and their participation in daily tasks is significant, without them it is difficult to achieve certain results. But excessive use of these technologies has the potential to lead to addiction. For this reason, the integration of technologies into the educational process is considered one of the best alternatives.[1]

As a result of the introduction of modern information technologies into education, new teaching methods have been created. One of the positive aspects of the integration of

modern technologies in the educational process is the use of electronic tutorials in the course of the lesson, explaining the topics to the students using the Power Point, and forming the skills of how to effectively use technologies in the students. In addition, online classes and assessment systems, which are becoming popular all over the world, are also a reflection of technology in education.[2] Because of these opportunities, students will have the opportunity to learn independently and constantly monitor their scores.

The use of modern technologies in teaching create the opportunity for expanding students' imagination and knowledge of the subject. As an example, we can take the possibilities of 3D technologies. Students may not be able to see all materials, including various equipment in mechanics and organs in the human body in medicine. But with the help of 3D technologies, students will be able to see with their own eyes the original state of the named objects.[3]

The use of information technologies in the educational process allows to expand the weight of widely used literature in education. It is known that it is not always possible to use new editions of some educational literature. Taking into account this situation, the use and popularization of their electronic options will lead to good results. Moreover, it makes it possible to use them not only for one or two, but even more audiences and students. [4. P 364]

Scientists around the world are conducting various experiments dedicated to the integration of technologies in the educational process. For example, at the New Mexico State University College of Engineering, an experiment was conducted on the use of modern technologies in the educational process, which was carried out as follows. Professors and teachers used a mini electronic board in order to develop the students' activity in the classroom, as well as their ability to work as a team. Through this experience, students gained skills such as receiving and submitting assignments online, working in a group, and communicating effectively with each other. This experiment is a practice that was able to explain the importance of information technology in education with the help of a simple blackboard. [5]

CONCLUSION

As time progresses, information technologies are used in all aspects of life. The fields of education and pedagogy, without exception, are massively supporting new technologies. This paves the way for making the learning process interesting, focusing students' attention on lessons, and achieving high results. Therefore, the use of technologies in these areas is increasing year by year. The life experience mentioned in the article is a clear proof of the above ideas.

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