

**INTRODUCING MODERN PEDAGOGICAL AND INFORMATION TECHNOLOGIES INTO THE EDUCATIONAL PROCESS IN EDUCATIONAL INSTITUTIONS**

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**Annotation:** This article describes in detail the introduction of modern pedagogical and information technologies to the educational process in educational institutions, the modernization of the educational system, the improvement of educational efficiency, and the introduction of computers into the educational system.

**Key words:** educational institutions, educational process, modern pedagogical technologies, information technologies.

**Introduction:**

The introduction of digital technologies into the educational system plays a major role in the modernization of the educational system of our country. It serves to organize modern education and increase the effectiveness of education. The creation of this modern digital education system, in turn, will help the next generation find its place in the modern digital world. Proper organization of digital education serves as a sufficient basis for the development of the digital economy. At the same time, it ensures that our country occupies an important place in the world community.

**Literature analysis and methodology:**

Today, when techniques and technologies are being rapidly updated day by day, it is becoming a natural condition for the further change of society's outlook and adaptation to the times. This apparently leads to the renewal of educational conditions. Now, as an example, we can see the introduction of distance education in higher education institutions

At the moment, special attention is being paid to the introduction of modern pedagogical and information technologies into the educational process in educational institutions. In general educational institutions, lesson plans developed on the basis of modern pedagogical technologies for each subject play a special role in improving the quality and efficiency of education. This is primarily due to the professional skills and creativity of teachers and teachers, and secondly, the use of various technical and information technologies in their work.

**Results:**

Digitization brings significant changes in the roles of teacher and student in the educational process, which requires appropriate adaptation. Transition to online education, creation of a virtual learning environment, the need to change the management of the educational organization. A project to study the social risks of the transformation of a higher education institution under the influence of digitization has been developed, which is based on a case study strategy.

The introduction of digital education creates the possibility of creating unemployment among teachers, but it can also be eliminated. For this, teachers can be

engaged by developing digital skills and organizing various open courses on the Internet. It will be possible to attract a number of students not only from our country, but also from abroad.

#### **Discussion:**

It is known that the introduction of technology into the educational process, as well as the use of information technologies, began in the 70s and 80s of the 20th century. A number of techniques were used with particular success in the training process. With their help, it was possible to convey the content of subjects to students in a visual, sound, dynamic form and to give them deeper knowledge. As a result of the continuous development of science and technology, high-tech devices with a modern look were created instead of the above technical tools. Also, the improvement of computer technologies led to the introduction of new technical tools into the educational system.

The introduction of computers into the educational system has become important for students' understanding of complex processes, phenomena, laws of the macro and micro world in the teaching of natural sciences. The use of information technologies in the teaching of natural sciences has given rise to new approaches to understanding the true essence of these sciences, the validity of the presented theoretical arguments, its features and characteristics.

#### **Conclusion:**

In conclusion, it is worth saying that today digital education occupies an incomparable place in our systems, in which not only the ability of our pupils and students to master science, but also how they learn and master science at the same time, it is possible to observe the level of interest in assignments and tasks.

As a result, students develop skills such as independent learning, adaptation to personal learning, and self-improvement. Educational processes live in a digital context, and interactive tasks in the classroom, learning in virtual laboratories make students think more. Develops professional competencies in the field of interest.

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