

## Informatization and Technology of Education System - A Social Need

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### ABSTRACT

*The high pace of development of science and technology, along with the theoretical (ideological) and practical enrichment of the process of material production, provides a new content of social relations. The field of technology, which is a product of social necessity, and its improvement, has made it possible to produce high quality products in a short period of time, with little physical effort. At the same time, the flow of information is rapidly entering the social life of the Republic and covering a wide range. One of the most pressing issues facing the education system is the rapid receipt, analysis, processing, theoretical generalization, summarization and delivery of information to the child. The application of pedagogical technology in the educational process will help to positively address the above-mentioned problem.*

**KEY WORDS:** *Education system, social need, science and technology, technologicalization, educational technology, content of social relations.*

The twentieth century has gone down in the history of human society as a period of revolutions in science and technology. The high pace of development of science and technology, along with the theoretical (ideological) and practical enrichment of the process of material production, provides a new content of social relations. The emergences of the service sector and a new way of life have paved the way for the growth of people's material and spiritual needs. The renewal and growth of social needs, in turn, requires the implementation of activities that ensure their short-term and high-quality satisfaction.

Using information technology in education has made it possible for students to keep on learning, irrespective of where they are. Teachers and professors can send assignments to students and they can complete and submit them even without physically stepping into the classrooms and so learning never has to stop. Undoubtedly, computer and information technology great impact in our education system. Various technologies have been used to improve the teaching and learning process. Information technology makes our education system interested and effective. Students can learn better without getting bored and frustrated. This paper presents the current scenario of information technology based education system.

The field of technology, which is a product of social necessity, and its improvement, has made it possible to produce high quality products in a short period of time, with little physical effort. In the field of material production, processing of raw materials (agriculture, industry, transport, consumer services, etc.) there is a tradition of a technological approach to the organization of the production process. The technological approach serves to shed light on the general description of the production process. A process that involves the period from the selection of raw materials for the production of a particular product (initial stage) to the delivery of the product to the consumer (final stage) is

recognized as a technological process. The technological approach to the production process is an effective factor in achieving goals such as the organization of reforms in certain areas, ensuring their success, enriching the achievements.

The introduction of modern, advanced, high technologies in the field of material production is based on a number of conditions, in particular, reliance on the latest achievements of science and technology, large financial resources and the availability of highly qualified professionals.

It is also understood that the development of advanced technologies in the field of material production means the continuous improvement of their professional skills, and that social, economic and cultural life develops on the basis of interdependence, interdependence and integrity. While the ideas and views that play a leading role in the social life of a society have an impact on economic production and development, in turn, economic growth leads to an improvement in the cultural lifestyle of the population.

In the lower stages of human civilization, the activities aimed at educating the individual are organized on the basis of simple, very simple requirements, but today there are very strict and complex requirements for the organization of the educational process. . In particular, the social need to train a qualified specialist who is able to fully understand the nature of the production process, able to work with complex equipment, and can positively solve problems even in emergencies, requires the organization of the educational process on the basis of a technological approach. is doing. Therefore, the range of tasks of pedagogy, which is developing in close connection with social development, is expanding.

At the same time, the flow of information is rapidly entering the social life of the Republic and covering a wide range. One of the most pressing issues facing the education system is the rapid receipt, analysis, processing, theoretical generalization, summarization and delivery of information to the child. The application of pedagogical technology in the educational process will help to positively address the above-mentioned problem.

The idea of technologicalization of the education system dates back to the beginning of the last century, when the social movement to reform the education system in Western Europe and the United States, to increase the effectiveness of education, to create certain conditions for socialization of the individual was revealed. The idea was based on the introduction of the concept of "pedagogical technique" ("educational technique") in the educational process in the 1930s. In the special literature created during this period, the concept of "pedagogical (educational technique)" was interpreted as "a set of methods and tools that help to organize lessons accurately and effectively" and the teaching and learning process. The introduction of laboratory equipment, their efficient and effective use, the explanation of the content of the material with the help of visual aids are considered to be the leading factors that help to increase the effectiveness of education.

In the 50s of the twentieth century, the use of technical means in education was recognized as a determining factor in the direction of "educational technology", further improvement, expansion of their information capacity, quality organization of information transmission services, individualization of education. The object of research in this area, the capabilities of technical means as a starting point, the process of their improvement, as well as a special emphasis on the study of organizational aspects of "technologicalization" of the educational process.

In the early 1960s, the organization of the educational process based on the programming of education began to be seen as a factor in revealing the essence of the concept of "technology". Program education is the process of imparting specific knowledge to children in a coherent, holistic way, rather than as a separate part. The proposal to organize the educational process in accordance with an integrated, acceptable program was first implemented in the United States, promoted by the

Joint Committee on Software Education and Training Machines. Curriculum education includes learning objectives, appropriate criteria for their modification and evaluation, and a clear description of the learning environment. This corresponds to the concept of a complete reorganization of the complex of changes.

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