

**WAYS TO USE ADVANCED INNOVATIVE PEDAGOGICAL TECHNOLOGIES IN
DEVELOPING AN INCLUSIVE EDUCATION SYSTEM**

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Abstract. The article is devoted to the use of advanced pedagogical technologies in the inclusive education system. The widespread use of advanced pedagogical technologies in the distance learning process in an inclusive education system can serve incomparably not only to shape the minds of students intellectually, but also to make them highly capable, creative, and inquisitive, as well as to help the young generation achieve the lofty goals they have set for themselves in the formation of well-rounded individuals.

Keywords: inclusive education, advanced pedagogical technologies, distance learning, learner development, creative thinking, intellectual growth, innovative teaching methods, student engagement, digital pedagogy, holistic education

Today, the use of computer technologies, the Internet, and information resources in the inclusive education system creates broad opportunities for teaching all subjects. Knowledge helps students to understand the world more deeply. When theoretical knowledge and practice are combined, students develop skills and talents. In order for a student's knowledge to be strengthened, he must correctly understand the phenomena and laws of life. For this, interaction between the teacher and the student (interactive - mutually active communication) is important. When necessary, it is useful to use distance learning and, accordingly, prepare appropriate materials for this education. Distance learning is receiving educational information at a distance from the educational center, which means receiving education at a distance using the most modern information technologies. It goes without saying that good results can be achieved in this process only if the student has a high intellectual potential. It is necessary for students who sincerely want to acquire the necessary knowledge, skills and qualifications in computer technology, but do not have the opportunity to achieve this openly. In this case, it is explained that educational methods can be used to help such students. In the process of teaching and distance learning using new non-traditional methods, students receive continuous education, in which they: think freely and independently, behave freely in society, actively participate in it, expand their knowledge, develop a culture of speech and communication, and express their thoughts freely and meaningfully. The effectiveness of distance learning is expressed in the following methods as an example:

Demonstration method. In this case, a demonstration presentation program using Microsoft PowerPoint, electronic textbooks programmed in HTML, and the distance learning process can be used. In this case, knowledge and skills easily turn into skills. In it, the student sees, hears and can record the necessary information. As a result of the joint activity of these

three senses, namely vision, hearing and musculoskeletal sensations, the effectiveness of the lesson increases.

Project method. This method implements a complex method of education that involves the analysis and assessment of knowledge, skills and qualifications. In this method, students are more involved in planning, organizing, checking the problem being studied and evaluating the results of the work performed using distance learning.

Research method. In this case, the researcher conducts research using electronic textbooks, electronic educational literature, and the Internet. At the same time, it is a research method that is manifested in the fact that students solve problems, independently perform them, write them down, analyze the goals and results of the work performed, and use the Internet to solve certain research works, namely diploma, course projects, and graduation qualification works, if necessary, in their free time.

Discussion, debate method. The study group is divided into two teams, and a conference, debate, discussion on a topic is held in the form of a mutual exchange of ideas through a remote telebridge.

Individual (one-on-one practical) method. Students focus their individual knowledge gained in their activities on solving practical tasks. In this case, they apply the theoretical knowledge they have gained in practice and control their own knowledge (individually) using the MOODLE program in the distance learning system.

Conference (conference), press conference method. In this case, students remotely communicate with intellectuals of the country where they want to conduct their scientific and practical work, express their opinions, and at the end of the lecture, the results of this research are analyzed among all scientists connected via the global network.

Test method. In this case, a set of questions is distributed to students within the network (globally, locally), and the answer to it is received immediately. After all, it is very convenient to take a test in the distance education system MOODLE program, which allows you to test the knowledge, skills of students and obtain other necessary information.

The method of passing in the lecturer system. This is very useful in distance education, and if it is used in the system of advanced training and retraining, then education will be effective in all respects, if these factors are used in the formation of modern mature personnel in the training of young specialists. As a result, students who could not come to educational institutions for advanced training and retraining for certain reasons will also have many positive opportunities. As a result of the use of the above-mentioned new pedagogical technologies in the inclusive education system, distance education, created on the basis of computer technologies, is a convenient method and tool that complements the main educational activity as an additional educational system.

Currently, there is a software system that provides the opportunity to use all types of modern computer technologies in the process of inclusive education, which, along with classroom education, is also distance learning, and its practical application based on advanced pedagogical technologies is a reliable guarantee of successful education for young people.

In the current process of scientific and technical development and market economy, the volume of information in social life is increasing at every moment, and in the process of

inclusive education, the acceptance and application of information in accordance with the specialty requires responsibility and ingenuity from the professor-teacher. Taking this into account, in order to improve this educational process and increase its quality, it is advisable to widely use the Internet for distance education. Now, information technologies that involve the use of computer communication technologies are increasingly entering the educational process, and in accordance with the requirements of the times, all educational institutions in our country are using new computer communication technologies. When it comes to a specific subject, the curriculum in accordance with the state educational standards of the inclusive education system, and programs that represent the content of the subject, as well as electronic resources created on the basis of computer software aimed at increasing the efficiency of the teaching process: multimedia, teaching aids, personal computers and other technical devices, make it possible to achieve high efficiency in distance education and achieve the intended goal. In this regard, good results are currently being achieved in learning a foreign language through distance education.

Scientific research conducted by scientists over many years shows that using distance education in inclusive education, advanced pedagogical technologies used in the teaching process can be carried out in four stages:

I - stage. It is based on the use of textbooks and study guides, lecture materials based on science programs, which involves professors and teachers delivering lectures on high-quality scientific, theoretical and methodological bases on the curriculum. In this case, students, in turn, have the opportunity to study theoretical issues in depth using electronic textbooks and study guides via the Internet, independently and with the help of teachers.

Stage II. Students practically consolidate the knowledge gained in the first stage by solving examples, creating programs and finding independent answers to various questions, discussing them, and using a remote computer network.

Stage III. They get acquainted with the technology of distance learning, information media and computers, their support, and the technology of using computer peripherals. This stage increases the effectiveness of education.

Stage IV. Theoretical knowledge obtained using distance learning, the formation of practical skills and qualifications, laboratory exercises, abstracts, term papers and diploma theses are completed, at this stage the effectiveness of distance learning becomes apparent.

Thus, currently, distance learning is being used in various educational areas of the continuous education system, in our rapidly developing society, where the flow of information is constantly updated, the use of advanced pedagogical technologies in the distance education system leads to the broad development of education in any educational institution, as well as all sectors of society. Therefore, it is a requirement of the times that professors and teachers who teach students always keep abreast of the latest news in accordance with the requirements of their profession and communicate these news to learners remotely and interact with them. It should be noted that this type of education is important for its advantages and ways of providing the opportunity to engage in a convenient place and time, without separating it from production, professional training and obtaining additional knowledge. In the distance education inclusive education system, as a result of the use of advanced pedagogical technologies in teaching using information and communication technologies, professors and teachers provide education to students, creating a solid foundation for their formation as independent-thinking, knowledgeable, intelligent, and well-rounded individuals with a creative approach to life.

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