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**Annotation:** *this article highlights the topic of using pedagogical technologies, using high-tech technologies, and at the same time increasing students' desire for science.*

**Key words:** *develop methodological foundations; create educational programs; shortcomings of this process; educational content.*

Taking into account the rapid development of society's life, the expansion of development needs and opportunities, the acceleration of the flow of various information, modern PT science requires the creation of a mechanism for using new forms, tools and methods of pedagogical prediction. Research aimed at determining the place and level of education in various types of educational institutions today requires wide use of the possibilities of pedagogical prediction. Only then, the results of the educational process can serve the development of science, production, culture, economy and all spheres of social life. Only the theories created based on pedagogical forecasting can be the basis for pre-planning the content, form and means of the continuous education process, its stages and components, the degree of impact of educational results on the life of society. Therefore, it is only then possible to reconstruct the educational process on new principles and a new ideological basis, to implement reforms in the field of education.

Also, it is necessary to develop methodological foundations, specific mechanisms, methods and tools for diagnosing the educational process in PT and implementing the created theories, educational-methodical complexes into practice based on experience and testing. The diagnostic mechanism of the educational process is used to determine the achievements and shortcomings of this process, the quality indicators of the educational result, the pedagogical theories applied to the educational process, the degree to which modern technologies can develop the educational practice or hinder the progress of education. should be directed. Pedagogical experiment-testing is of particular importance in determining the level of effectiveness of the research results. It is necessary to create educational programs, textbooks and lesson plans, methodical manuals, didactic developments in connection with the nature of the pilot test and present them to the pilot test process. If the curriculum is being tested, it is necessary to achieve the observed educational process, that is, the provision of textbooks or lesson plans, technical tools, visual aids, educational guides. In this case, the main focus is not

on which method or PT the teacher used, but on determining the effectiveness of the educational materials provided within the curriculum. For example, the theories involved in the experiment-testing process and the results obtained from the experimental classes are required to be processed statistically. It is required to involve influential scientific-pedagogical teams and leading experts in the process of experimental testing and their results. The examination of the process and results of large-scale experimental tests should be carried out based on the requirements of the regulations approved in advance by the scientific and pedagogical teams.

Pedagogical prediction has its own role in the development of our society today

It appears as an important branch of pedagogy with clearly defined goals and tasks, object and subject, logical foundations of researched problems, development laws, and its own basic methodology. Pedagogical forecasting as a priority field of science is aimed at increasing the quality of personnel training on the basis of arming the continuous education system that serves the development of the state and society with educational models and technologies created on the basis of new pedagogical theories.

Pedagogical prediction selects educational technologies taking into account the age characteristics and development dynamics of the student's personality. It offers ways, forms and means of providing students with different levels of concepts and embodied knowledge within the framework of selected educational technologies. When theoretically basing a certain PT, the pedagogical forecast should provide for the organization of an educational process aimed at ensuring the lively activity of the student and the teacher, developing his ability to think freely and creatively.

Any PT applied to the educational process, regardless of whether its components are transmitted through the educational content, the curriculum or textbook, or the activity of the teacher, stimulates the free and creative activity of the student in a lively way. it is required to achieve the service of development. In this, PT, first of all, ensures that each student can freely communicate and exchange ideas with other students, lesson materials and the teacher (pedagogue). ZPT should appear as a form of pedagogical practice that introduces a set of laws, natural and social phenomena, personal culture and ethics, and the foundations of a certain science to a pupil or student.

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