

DEVELOPMENT OF THE EDUCATIONAL PROCESS BASED ON INNOVATIVE APPROACHES

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Abstract

In the process of developing innovative pedagogical technologies and their introduction into the educational process, as well as the rapid exchange and improvement of information technologies, each teacher must develop their professional training, pedagogical skills. This article presents some of the problems and their solutions in the use of modern pedagogical technology.

Keywords: teaching, pedagogical technologies, interactive methods, teacher and student personality, innovative activity, pedagogical technique, pedagogical process, creative activity, innovative teaching staff.

Introduction

Currently, the reform and improvement of the system of continuous education of the country, following the path of independent development, raising it to a new qualitative level, introducing advanced pedagogical and information technologies into it and increasing the effectiveness of education has risen to the level of state policy. In the process of developing innovative pedagogical technologies and their introduction into the educational process, as well as the rapid exchange and improvement of information technologies, each teacher-teacher must develop his professional training, pedagogical skills. As you know, when activating development and carrying out one's own influence on the processes taking place in life, it is important to educate young people, who are an important subject of the socio-political, economic, cultural and spiritual renewal of society, a harmoniously developed personality. Continuing education is a deep, comprehensively grounded learning, a perfect combination of various forms, styles, means, methods and areas of training. The relationship of the quality of lifelong education between the various components ensures the rational application of certain styles and methods to the learning process. The general pedagogical and didactic need in all stages of education is to improve the effectiveness of independent work of students on the basis of program knowledge, ideas and skills, increase interest in scientific thinking, academic discipline, deepen professional

knowledge, increase their educational and cognitive activity in the course of theoretical and practical classes [1, p. 27].

The student's activity in the learning process has become one of the basic principles of didactics and remains so [2, p. 97]. The world pedagogical experience shows that modern pedagogical technologies are endless in the opportunity to interest students in sciences, to increase their activity in independent work. Today's task of education is to teach students to work independently in a constantly changing information and educational environment, to rationally use information flows. For this, it is necessary to create for them the opportunity and conditions for continuous independent work. The main goal and driving force of the reforms carried out in the field of education on the way of building a democratic, legal and civil society of the Republic of Uzbekistan is to educate a comprehensively developed harmoniously developed person. An important condition for the development of our country is the achievement of the functioning of an improved personnel training system based on the development of a modern economy, science, culture, technology and technology. The structure and content of the lifelong education system in the republic provide for radical reforms, relying on modern scientific achievements and social experience. For this, first of all, it is necessary to provide the educational process in institutions of all forms of the education system with a new, scientific, methodological and modern methodology. One of the pressing problems facing the modern education system is the effective use of the achievements of science, technology and advanced technologies in accordance with the goals, objectives, content, methodological requirements of teaching the younger generation. The educational institution creates conditions for the learning of a growing person in the learning process. Focus on the formation and development of activity, educational needs and abilities of students in the learning process is responsible for the teacher's activities.

To improve the effectiveness of education, to ensure that a person is in the educational center and receives independent knowledge of young people, teachers who are well-prepared for educational institutions are needed who, in addition to a solid mastery of knowledge in their field, know pedagogical technologies and interactive methods, can use them in the organization training and educational activities. For this, it is necessary to constantly improve the qualifications of teachers of all disciplines in pedagogical and information technologies, interactive methods, as well as apply the knowledge gained in classrooms. It is still known that traditional education teaches students only to master ready-made knowledge. It is clear that this method does not give students a great opportunity to develop their skills of independent thinking, work, creative search, initiative. As a result of the development of science, technology and innovative technologies in the educational process, interest and attention to increasing the effectiveness of education using interactive methods (innovative pedagogical and information technologies) is increasing every day. Problematic educational technology is a technology aimed at teaching educational material

based on scientific research in the mind of the student, which creates tasks and problems. In the learning process, problematic situations arise in the student's mental activity, which encourage him to objectively seek and make logically correct scientific conclusions [3, p. 273]. To solve the problems facing the education system in the innovative processes taking place at the present time, independent and free-thinking people are needed who are able to independently assess the acquired and acquired knowledge about new information, and make the necessary decisions. Therefore, the role and importance of modern teaching methods, that is, interactive methods, innovative technologies, is invaluable in the educational process of educational institutions. Knowledge, experience regarding educational technologies and their application in education provide students with knowledge and mature skills. "Innovation is an innovation, renewal, change of something. Innovative pedagogical technologies understand the educational system, the pedagogical process, as well as innovations and changes in the activities of the teacher and student, in the implementation of which mainly interactive methods are used. Interactive means interaction (or communication, communication with someone). The essence of interactive education is that it is education aimed at teaching students to each other"[4, p. fourteen]. Interactive Learning, Interactive Styles is a style system based on regular communication, and a learning and style system in which learners participate in a collaborative and active manner. In other words, interactive teaching methods are a special form of organizing cognitive and communicative activities in which students are involved in the cognitive process, are able to understand and think what they know and think. The role of the teacher in interactive lessons leads in part to the fact that the activities of students are aimed at achieving the goals of the lesson. The peculiarity of these methods is that they are performed only through the joint activities of teachers and students.

The process of such pedagogical cooperation has its own characteristics and gives them the opportunity: - forcing the student to indifference, independent thinking, creativity and search during the lesson; - ensuring the continuity of students' interest in science in the learning process; - strengthening students' interest in science independently, creatively approaching each issue; - constant organization of joint activities of teachers and students. Essentially, innovation is a dynamic system for attracting innovation to relationships or processes. The innovation itself as a system is the logic of a relationship or process, firstly, internal logic and, secondly, the progressive development of the innovation introduced over time and its interaction with the environment.

The essence of the innovation process is reflected in the content of the interaction between teachers and students, which helps teachers overcome the problems they face. The essence of pedagogical assistance is characterized by the description of the innovative method, its purposefulness, as well as the tasks that need to be solved in the formation and education of the

personality. The study of innovative processes, their functions, development laws, mechanisms and technologies for their implementation, management principles will allow organizing the educational process in higher educational institutions, professional colleges, academic lyceums and schools based on modern pedagogical technologies and achievements of psychology [5, p. 62]. The huge transformations taking place in our country have an impact on all areas, as well as on the process of higher education. The disruption of the old forms of social relations and the emergence of a new democratic system of life require the creative activity of the individual. For the education and upbringing of a creative, active, independent thinking personality, significant changes and restructuring in higher education are necessary. Therefore, the task of a number of disciplines is a radical change in higher education, the creation of a scientific basis for the training of active, creative, intellectual specialists. The solution of such a complex problem as determining the conditions for the upbringing of a personality in the learning process is related to the subject and content of the study of psychological science.

The tasks of educational technologies are to teach professors - teachers to understand the essence of modern pedagogical technologies and organize them in non-traditional forms, the educational process aimed at teaching the basics of special disciplines, to achieve the design of the educational process based on an ideal module, to master the skills and abilities of the project use of educational technologies , to be the guarantor of a thorough, deep mastery of the theoretical knowledge of students, the formation of practical skills in them. In conclusion, it should be noted that when introducing innovative pedagogical technologies in the educational process and their application, one should pay attention to the following: - pedagogical teachers who want to work on the basis of educational technologies must have scenarios developed on the basis of interactive methods on the topics of the lesson, in which they must the terms for the formation of knowledge, the motivational part for awakening motivation in students, the use of methods when breaking the projected text into fragments or design, as well as clarity; - verification of the project developed by the teaching staff working on the basis of pedagogical technologies in the learning process , analysis of the degree of effectiveness of the goals and the advantages of working on pedagogical technologies, providing support by the council of innovative teachers at the meetings of the department, scientific and methodological wild seminars, scientific councils of higher education; - innovative (pedagogical technologies) centers operating on modern pedagogical technologies, created at higher education institutions, must be provided with the necessary didactic and methodological materials, technical means; - it is necessary to develop the technological competence of advanced professors and teachers who have theoretical and practical knowledge in the field of pedagogical technologies and their use in the educational process. A positive solution to these problems allows not only to achieve a certain efficiency in the

educational process, but also to prepare competent individuals and competitive qualified specialists.

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