



Ways of Preparing Teachers for Professional Activity Based on Innovative Educational Technologies

M. Isabayeva¹, A. Ne'matov²

¹ Ph.D, an associate professor of Biology department

² a teacher of Biology department, Kokand State Pedagogical Institute named after Mukimi

Annotation: In the article, innovative technologies, professional activities that allow improving the content, methods, tools and forms of preparing future biology teachers for professional-pedagogical activities, using the unique features of the integration of pedagogical knowledge in the preparation of future biology teachers for professional-pedagogical activities The content of the types is explained.

Key words and phrases: didactic foundations of teaching biological subjects, teaching forms, methods, tools, professional pedagogical activity, self-development of teachers as individuals.

To provide our republic with stable and competitive personnel, to improve the process and methods of evaluating the quality of education, to introduce into practice the mechanisms that allow to determine the achieved results, to organize an effective educational process in the fields of biology in order to improve the methodological training of future biology teachers. The problem requires urgent attention in improving professional training. In particular, the availability of methodological support for the use of innovative and information technologies in the process of preparing future biology teachers for professional and pedagogical activities and their effective use is the basis for the formation of innovative activity of the pedagogue.

Pedagogical activity is one of the most complex areas of human labor. As a person in the most active position in our society, a teacher should acquire modern knowledge, be constantly searching and selfless. Because it is a process that cannot be delayed - it saves a person from intellectual and spiritual poverty. . In order to implement the standards of the present time, the teacher requires not only high qualifications and continuous professional development, but also a creative approach to his work. While organizing a lesson based on innovative technologies, the teacher can use various technical tools, including computers, projectors, and electronic boards. The more there are innovations in the activity of the teacher, the more the content will increase. It should also be recognized that ideas about innovative technologies and interactive methods in education do not have a stable and perfect form. Every teacher can bring individual innovation to education. The main goal of innovative technologies is to achieve commonality between teacher and student, to make students interested in science, to change the attitude towards education, to apply the learned knowledge in social conditions. It is possible to mention the acquisition of learning skills, the integration of ICT and didactic materials with the subject.

Innovation in English means innovation and technology is derived from the Greek words techno-art, skill and "logos", and innovative technology means a new approach to forms, methods and methods of education means Innovative technologies are innovations and changes in the pedagogical process and the activities of teachers and students. When using innovative technologies, a teacher must have the following knowledge: ICT knowledge, skills and qualifications; to be aware of foreign experiences on new pedagogical technology; the skill of using didactic games and interactive

methods in organizing the educational process; acquiring knowledge on advanced pedagogical technology; it is necessary to have the technology of turning knowledge into skills and competence; to be ready for innovative processes such as the ability to effectively use mobile games in the course of the lesson.

In the opinion of teachers, researchers, and practitioners studying the issues and problems of pedagogical technologies, pedagogical technology is only related to information technology, and it is necessary to use TSO, computer, distance learning in the teaching process or defined as the use of different techniques. In our opinion, the main basis of pedagogical technology depends on the technologies selected for the cooperation of the teacher and the Student-Student to achieve a guaranteed result from the specified goal, that is, it is used in the process of teaching to achieve a guaranteed result according to the goal each educational technology can organize cooperative activities between the teacher and the student, both can achieve a positive result, if the students can think independently, work positively, search, analyze in the learning process if they can, if they can make their own conclusions, if they can give them, the group, and the group, and the teacher can create opportunities and conditions for such activities, in our opinion, this is the basis of the teaching process. Each lesson, topic, educational subject has its own technology, that is pedagogical technology in the educational process is an individual process, which is directed to a goal based on the needs of the student is a pedagogical process aimed at providing a pre-planned and guaranteed result. Effectiveness of education increases through interactive methods, mutual cooperation between teacher and student; students developed and formed free creative thinking skills. In this innovative approach, the student becomes a central figure in education.

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