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## THE ROLE OF INNOVATIVE TECHNOLOGIES IN IMPROVING PEDAGOGICAL SKILLS IN HIGHER EDUCATION

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### Abstract

This research article explores the importance of innovative educational technologies in developing professional teaching skills in higher education institutions. The study focuses on the impact of digital learning environments, interactive teaching methods, and distance and blended learning models on the effectiveness of instructional practice. The findings demonstrate that the implementation of innovative approaches enhances teachers' professional competencies, improves the quality of higher education, and supports the development of students' independent and creative thinking abilities.

**Keywords:** Pedagogical expertise, innovative approach, higher education system, digital learning environments, interactive teaching, professional competence.

### Introduction

In the current conditions of globalization and digitalization, the socio-economic development of society, the rapid development of science and technology pose new strategic challenges to the education system. In particular, it is of great importance to train specialists in higher education institutions who are competitive, independent and critical thinkers, and ready for innovative activities, in line with the requirements of the modern labor market. In this process, the quality of education directly depends on the professional skills, methodological training and ability of teachers to implement innovative technologies in practice.

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The development of the higher education system in the Republic of Uzbekistan is one of the priority areas of state policy. In particular, the Law of the Republic of Uzbekistan “On Education” emphasizes the need to introduce modern pedagogical and information and communication technologies into the educational process, and to constantly develop the professional competence of teaching staff. This law legally strengthens the fact that the development of pedagogical skills is an important factor in improving the quality of education in higher educational institutions.


Also, the \**“Concept for the Development of the Higher Education System of the Republic of Uzbekistan until 2030”\**, approved by the Decree of the President of the Republic of Uzbekistan No. PF-5847 dated October 8, 2019, sets the digitalization of the educational process, the introduction of innovative educational technologies, and the improvement of the professional potential of teachers as priority tasks. The concept notes the need to increase the efficiency of education through the widespread use of modern teaching methods, distance and blended learning forms in higher educational institutions.

### **Main Part**

In addition, the President's Address to the Oliy Majlis of January 24, 2020 also paid special attention to the issues of fundamental reform of the higher education system, the development of pedagogical skills and innovative activities of professors and teachers. It emphasizes that the professional development of teaching staff is a key factor in the quality of education and the training of competitive personnel.

Practice shows that traditional teaching methods are mainly focused on the transfer of knowledge and do not adequately develop students' skills in independent learning, problem analysis, and creative thinking. Therefore, the introduction of innovative technologies into the pedagogical process, including the use of digital learning platforms, interactive methods, and distance and blended learning models, is becoming an integral part of modern education.

In this regard, the scientific study of the role and importance of innovative technologies in improving pedagogical skills in higher education on the basis of

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regulatory legal acts and educational strategies is an urgent scientific and practical problem. The study of this issue serves to develop the professional competence of teachers, improve the quality of education, and train competitive specialists in line with the goals of state educational policy.

Pedagogical skills represent the ability of a teacher to organize and effectively implement professional activities at a high level. It is manifested in the integral unity of the teacher's theoretical knowledge, practical skills, methodological preparation and personal and professional qualities. Pedagogical skills are not limited to having in-depth scientific knowledge, but also include planning the educational process on a scientific basis, clearly defining didactic goals, taking into account the individual and psychological characteristics of students, and the effective use of modern teaching methods.

According to the results of modern pedagogical research, pedagogical skills are one of the main factors that directly affect the quality of education. In particular, international studies (OECD and UNESCO data) have shown that in educational institutions with high methodological and innovative training of teachers, the level of students' knowledge acquisition and independent learning skills are significantly higher. This indicates that pedagogical skills are not only individual, but also systemic in importance.

In the context of modern higher education, pedagogical skills are manifested through the following main components:

- a high level of professional and methodological training, that is, the ability to teach the content of the subject based on a competency-based approach;
- the ability to implement innovative and interactive technologies into practice, including the project method, problem-based learning, case studies and the use of digital platforms;
- the effective use of information and communication technologies, the use of electronic learning resources, distance learning systems and digital monitoring tools;
- the use of an approach aimed at developing the student's personality in the educational process, that is, the formation of individual educational trajectories and stimulating the student's creative activity.

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These structural aspects require the teacher to constantly develop professionally, work on himself, master pedagogical innovations, and take a critical and creative approach to the educational process. Therefore, pedagogical skills are dynamic in nature and are improved in the process of continuous professional education and innovative activity of the teacher.

Innovative technologies represent updated methods of organizing the educational process in terms of content and form and are an important component of the modern education system. They serve to strengthen effective cooperation between the teacher and the student in the educational process, ensure subject-oriented educational activities, enrich the content of education and increase its effectiveness. Scientific research shows that in the process of teaching organized on the basis of innovative technologies, the level of students' learning motivation and knowledge acquisition is higher than in traditional methods.

### Results and Discussions

The innovative technologies widely used in higher education practice include digital learning platforms (LMS systems), electronic learning resources, interactive teaching methods, as well as distance and blended learning forms. In particular, the possibilities of managing, assessing and monitoring the learning process through digital platforms increase the effectiveness of pedagogical activities. According to the results of research conducted in the world educational experience, in higher education institutions where digital educational technologies are used, students' independent learning skills and self-control abilities are significantly developed.

The use of innovative technologies is an important methodological tool in the development of pedagogical skills. Digital technologies improve the teacher's culture of working with information, develop skills in planning the educational process, analyzing learning outcomes and implementing pedagogical monitoring. At the same time, interactive methods enhance the communicative, organizational and creative abilities of the teacher, allowing for effective communication with students in the educational process. For example, problem-

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based learning, case study and project methods require a high level of methodological preparation and a creative approach from the teacher.



Also, distance and blended learning forms allow for a more flexible organization of pedagogical activity. These forms of education expand the independent professional activity of the teacher, encouraging him to constantly master new knowledge and technologies. As a result, pedagogical activity becomes innovative, and the quality and efficiency of the educational process increases. This has a direct positive impact on the process of training modern, competitive and qualified specialists in higher educational institutions.

### **Conclusion**

In conclusion, innovative technologies play an important strategic role in improving pedagogical skills in the higher education system. They serve to systematically develop the professional competence of teachers, organize the educational process based on modern scientific and pedagogical requirements, and form students' creative, critical, and independent thinking skills. An educational environment organized on the basis of innovative technologies enhances cooperation between teachers and students, increasing the effectiveness of the educational process.

The conducted scientific analysis shows that the effective use of digital educational platforms, interactive methods, distance and blended learning forms leads to the renewal of pedagogical activity in terms of content and quality. This develops the methodological, information-communication and innovative competencies of the teacher and improves his professional skills. At the same time, innovative technologies contribute to the active involvement of students in educational activities, the formation of independent learning skills and an increase in their need for self-development.



Based on the tasks set out in regulatory legal acts and state education strategies, the introduction of innovative technologies into the higher education system is recognized as an important condition for the modernization of pedagogical activities. The systematic, targeted and gradual introduction of innovative technologies in higher educational institutions will increase the quality of

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education, ensure the professional development of teachers, and expand the opportunities for training competitive specialists in line with the requirements of the modern labor market.

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