THE IMPORTANCE OF MODERN EDUCATIONAL TECHNOLOGIES IN SHAPING THE PROFESSIONAL CULTURE OF FUTURE TEACHERS.

Ibragimova Shaxnoza Tulqinovna
Bukhara State Pedagogical Institute, 2nd Year PhD Student
E-mail: moneygood750@gmail.com
ORCID ID: https://orcid.org/0009-0002-4207-078X

Abstract. This article analyzes the role of modern educational technologies in shaping the professional culture of future teachers. It discusses the use of innovative pedagogical approaches in teacher preparation, the integration of information technologies into the educational process, as well as the importance of employing contemporary educational resources. The article also explores the infrastructure of educational institutions, the development of professional skills among teachers, and the opportunities provided by modern platforms for self-development. This research demonstrates that the effective use of modern technologies is crucial for enhancing the professional culture of future teachers and emphasizes the necessity of introducing innovations in the field of education.

Keywords: modern educational technologies, future teachers, professional culture, innovative pedagogy, information technologies, educational process, professional development, educational resources, educational institutions, self-development.

Аннотация. В данной статье анализируется роль современных образовательных технологий в формировании профессиональной культуры будущих учителей. Рассматривается использование инновационных педагогических подходов в процессе подготовки учителей, интеграция информационных технологий в учебный процесс, а также важность применения современных учебных ресурсов. Статья также изучает инфраструктуру образовательных учреждений, развитие профессиональных навыков у учителей и возможности современных платформ для саморазвития. Данное исследование доказывает, что эффективное применение современных технологий является важным для повышения профессиональной культуры будущих учителей и подчеркивает необходимость внедрения инноваций в сфере образования.

Ключевые слова: современные образовательные технологии, будущие учителя, профессиональная культура, инновационная педагогика, информационные технологии, учебный процесс, профессиональное развитие, учебные ресурсы, образовательные учреждения, саморазвитие.

Annotatsiya. Ushbu maqolada bo'lajak o'qituvchilarning kasbiy madaniyatini shakllantirishda zamonaviy ta'lim texnologiyalarining o'rni tahlil qilinadi. Unda

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o'qituvchilarni tayyorlashda innovatsion pedagogik yondashuvlardan foydalanish, axborot texnologiyalarini o'quv jarayoniga integratsiyalashuvi, shuningdek, zamonaviy ta'lim resurslaridan foydalanishning ahamiyati muhokama qilinadi. Maqolada, shuningdek, ta'lim muassasalari infratuzilmasi, o'qituvchilar o'rtasida kasbiy mahoratni rivojlantirish va o'z-o'zini rivojlantirish uchun zamonaviy platformalar tomonidan taqdim etilgan imkoniyatlar ko'rib chiqiladi. Ushbu tadqiqot shuni ko'rsatadiki, zamonaviy texnologiyalardan samarali foydalanish bo'lajak o'qituvchilarning kasbiy madaniyatini oshirish uchun juda muhimdir va ta'lim sohasida innovatsiyalarni joriy etish zarurligini ta'kidlaydi.

Kalit so'zlar: zamonaviy ta'lim texnologiyalari, bo'lajak o'qituvchilar, kasbiy madaniyat, innovatsion pedagogika, axborot texnologiyalari, o'quv jarayoni, malaka oshirish, ta'lim resurslari, ta'lim muassasalari, o'z-o'zini rivojlantirish.

Introduction

The modern education system is rapidly evolving on a global scale, and these changes demand the modernization of educational processes, the updating of methodologies, and the implementation of new technologies. Teachers, in turn, need to effectively utilize modern educational technologies to ensure high-quality education for their students. In this process, shaping and developing the professional culture of teachers holds significant importance.

Professional culture encompasses not only teachers' attitudes toward their profession but also professional ethics, pedagogical styles, and their communication with students during the teaching process. Modern educational technologies, such as interactive platforms, online resources, and multimedia tools, play a crucial role in allowing teachers to implement innovative pedagogical approaches and develop their professional culture.

The use of modern educational technologies in providing quality education for future generations is a pressing issue, and addressing this matter will help teachers succeed and perform effectively in their professional lives.

Integrating innovative pedagogical approaches and information technologies during the teacher preparation process enhances the quality of education, strengthens the interaction between teachers and students, and modernizes the learning process. Let's examine this through several key aspects:

innovative approaches are directed towards developing students' creative and critical thinking skills, which will assist them in becoming successful teachers in the future;

information technologies, such as presentation software, games, and online platforms, enable teaching methods to be more interactive and engaging;

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modern technologies create opportunities for distance education for both teachers and students, making the teaching process more convenient and accessible from anywhere;

utilizing a wide range of learning resources, such as books, e-books, videos, and other multimedia materials in the educational process, brings educational content to life for students;

modern resources provide interesting and interactive learning opportunities for students, increasing their motivation and assisting them in applying knowledge in practice.

Integrating innovative pedagogical approaches and information technologies in the teacher preparation process enhances the quality of education, strengthens the interaction between students and teachers, and ensures the practical application of knowledge. All of these factors serve to prepare teachers in accordance with modern requirements.

ANALYSIS OF LITERATURE AND METHODOLOGY

In the process of teacher preparation, a number of foreign and Uzbek scholars are conducting scientific research on the integration of innovative pedagogical approaches, information technologies, and the use of modern learning resources. Their research is aimed at making the educational process more effective and efficient. Below are some important scholars and their works:

Richard E. Mayer has conducted scientific research on the psychology of teaching and multimedia education, demonstrating the advantages of using information technologies in teaching through his studies in multimedia education[10]. Additionally, Diana Laurillard has researched educational technologies and digital teaching, conducting experiments on the integration of technology in the teaching process and the development of educational resources[9].

Sh.D. Murodov's experiences in applying innovative approaches and new educational technologies within the Uzbek education system, K.N. Khamraev's methodological work on integrating information technologies into the teacher preparation process, and G.A. Sodiqova's research on the use of modern resources and interactive methods in the educational process are all aimed at enhancing the effectiveness of education. The works of these scholars contribute to strengthening innovations in the education system, enhancing teachers' professionalism, and ensuring quality education for students.

As we know, self-development is crucial in shaping a teacher's professional culture. Many researchers have examined the opportunities provided by modern platforms for self-development. These studies analyze e-learning, interactive

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platforms, and the role of distance education in the teaching and development processes. Let's consider some key scholars and their contributions.

Seymour Papert's work illustrates how the integration of computers and technology into the education process through the "Logo" program enhances self-directed learning activities[13]. His research helps students improve their creativity and self-development skills. George Siemens investigates the importance of social networks and online resources in the self-development process[14]. He demonstrates how students should leverage the "Personal Learning Environments" (PLE) model to assimilate the learning process. Sugata Mitra analyzes how students can develop their knowledge through self-directed learning environments[12]. His "Hole in the Wall" experiments showcase the process of self-learning.

K.N. Khamraev studies the role of distance learning systems in self-development, focusing on the interactivity and challenges of information technologies in the education process[8]. His research highlights the importance of online courses and platforms in enhancing student motivation. M.R. Abdullaeva investigates the necessary conditions for self-development using innovative methods and technologies, as well as the significance of utilizing educational resources in the teaching process[1]. Her research illustrates the impact of interactive platforms aimed at self-directed learning on students. A.B. Ergashov studies the application of modern technologies in developing leadership skills, providing examples that demonstrate the aspirations of self-development platforms, such as LinkedIn Learning or Coursera, in enhancing leadership and professional skills[2].

DISCUSSION

The widespread use of modern educational technologies in the educational process is bringing about significant changes in the field of education. These changes are creating new opportunities for teachers, students, and educational institutions. The integration of modern educational technologies in the teacher preparation process can become a crucial method for shaping professional culture. First, modern technologies change teachers' attitudes toward their profession. Innovative pedagogical methods, such as interactive teaching methods and multimedia resources, provide teachers with opportunities to expand their knowledge and engage in self-development. Teachers are encouraged to adjust their teaching processes to meet the needs of students. This, in turn, is essential for the development of professional culture, which includes teachers' professionalism and pedagogical ethics.

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Second, modern educational technologies enhance interactivity between teachers and students. Their use makes the learning environment more engaging and interesting. Students are encouraged to apply their knowledge and skills in practice, which helps in developing important competencies such as self-development, creative thinking, and critical analysis. With the help of modern technologies, teachers can guide students in solving complex problems and develop their thinking.

Moreover, the implementation of modern technologies in the education system allows for the development of leadership skills in the teacher preparation process. Teachers strengthen their abilities to self-manage and implement innovations in their profession. This plays a significant role in the development of professional culture, as a teacher who meets the demands of the modern education system must not only provide quality education but also lead within their community and strive for further improvement in their profession.

Overall, the importance of modern educational technologies in shaping the professional culture of future teachers is substantial. They encourage teachers to think innovatively, feel the responsibility of their profession, and consider students' needs. The application of modern technologies in the teacher preparation process offers necessary forms and methods to further develop professional culture and improve the quality of education.

RESULTS

During this study, the significance of modern educational technologies in shaping the professional culture of future teachers was analyzed in depth. The findings can be summarized as follows:

Modern educational technologies, particularly interactive platforms and multimedia tools, encourage teachers to employ innovative pedagogical methods. This serves to strengthen their professional culture and make the teaching process more engaging.

Modern technologies provide teachers with opportunities to further expand their knowledge and engage in self-development. Teachers can enhance their pedagogical skills through new approaches and contemporary resources.

With the help of technology, teachers can develop interactive relationships with students and encourage their active participation in the learning process. This is crucial for shaping professional culture, as teachers should establish genuine and open communications with students.

Future teachers create a dynamic learning environment through the application of modern educational technologies. This allows them to recognize their professional responsibilities and develop leadership skills within their communities.

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The findings also emphasize the importance of implementing necessary approaches and strategies regarding the use of modern educational technologies for shaping teachers' professional culture. Successfully applying technologies in the teacher preparation process plays a crucial role in self-development and ensures more effective interactive relationships between students and teachers. Overall, modern educational technologies create new opportunities for the professional culture of future teachers and contribute to enhancing educational engagement.

CONCLUSION AND SUGGESTIONS

Modern educational technologies play a significant role in shaping the professional culture of future teachers during the teacher preparation process. The findings of this study indicate that innovative pedagogical approaches and technologies enhance teachers' attitudes toward their profession, improve their professional skills, and increase their attention to students. Modern educational platforms provide teachers with opportunities for self-development, help to enhance their professional competencies, and facilitate interactive communication with students.

At the same time, it is essential to acknowledge the challenges faced in the implementation of these technologies, such as equal access to resources, teacher preparedness, and the importance of pedagogical ethics. These factors can potentially decrease the effectiveness of the educational process. Therefore, it is necessary to diversify the use of modern technologies in teacher training to strengthen self-development and professional culture.

Our recommendations are as follows:

1. Updating teacher training programs: Educational institutions should develop professional development programs that incorporate modern educational technologies. These programs must be directed toward fostering professional culture.
2. Comprehensive educational resources: The use of modern educational resources, such as multimedia materials and interactive platforms, should be expanded for both teachers and students. This will play a crucial role in increasing interest and motivation.
3. Collaboration and experience sharing: Strengthening collaboration and experience sharing among educational institutions in Uzbekistan would be beneficial. This can help enhance teachers' skills in utilizing modern technologies.
4. Utilizing online courses and seminars: It is essential to conduct courses and seminars dedicated to modern educational technologies on online learning platforms for future teachers. This will assist teachers in improving their

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professional competencies and successfully applying technologies within their communities.

These recommendations aim to create the necessary conditions for effectively shaping teachers' professional culture through the successful use of modern educational technologies. This will enable teachers to change their attitudes toward their profession, improve the quality of education, and create a contemporary learning environment for students.

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