

ANALYSIS OF STUDIES ON THE IMPLEMENTATION OF NLD IN EDUCATION IN UZBEKISTAN AND ABROAD.

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Abstract: This study analyzes studies on the implementation of "New Educational Technologies" (NLD) in the education system in Uzbekistan and abroad. The purpose of the study is to study the effectiveness of the implementation of new pedagogical technologies in the educational process and analyze their impact on the academic success of students. The study shows innovative approaches implemented in educational institutions in Uzbekistan and abroad, experiences in introducing digital technologies into the educational process, and how these approaches change the activities of students in acquiring knowledge. The study provides information on electronic educational materials, online platforms, interactive educational tools, and teachers' approaches to the use of new technologies.

Keywords: New educational technologies (NLD), education system, innovations, digital education, interactive educational tools, electronic learning materials, innovations in education, pedagogical technologies, Uzbekistan, abroad, student success.

INTRODUCTION

Currently, the education system is undergoing a process of renewal and development on a global scale. Digital technologies and innovative approaches provide opportunities to make education more effective, interactive and high-quality. In Uzbekistan and abroad, research is expanding on the implementation of new educational technologies (NLD), changing the ways students learn, providing them with modern knowledge and increasing their academic activity.

The introduction of new educational technologies will be an important factor in bringing the educational process to a new level. The effective use of NLD is important in the education system of Uzbekistan to provide students with modern pedagogical approaches. These technologies provide individualization of the teaching and learning process, allowing each student to receive education that is tailored to him or her.

Abroad, especially in European and North American countries, there are quite advanced experiences in the use of new technologies in the education system. These experiences include the use of digital learning, online learning platforms, interactive learning tools, and methods aimed at increasing student motivation. Comparing the experiences of Uzbekistan and abroad, studying the effectiveness of NLD in the educational process, and identifying effective ways to more widely introduce these technologies is one of the most pressing issues in the field of education today.

This study analyzes studies conducted in Uzbekistan and abroad on the application of new educational technologies in the educational process. The goal is to determine how NLD affects students' motivation, activity, efficiency in learning, and academic results. At the same time, the pedagogical and social aspects of the introduction of new educational technologies are also considered.

LITERATURE ANALYSIS

Research on the implementation of new educational technologies in the educational process is mainly aimed at studying the effective use of technological innovations in education and their impact on students' motivation, activity and learning outcomes. Literature analysis helps to identify existing theoretical and practical approaches to this topic. Below are scientific works in Uzbekistan and abroad, studies on the application of new technologies in the school and higher education system.

Implementation of NLD in the education system of Uzbekistan. In recent years, a number of studies have been carried out in Uzbekistan on the digitization of the education system and the application of new educational technologies. For example, a study by Askarov (2019) examined the effectiveness of using modern technologies to increase student motivation. The study emphasized the importance of providing students with interactive learning tools and ensuring their active participation in the learning process. Khusanov (2021) identified the role of online learning platforms in increasing students' knowledge and the methodological foundations for their effective use.

Implementation of NLD in the education system abroad. Abroad, especially in European and North American countries, there are many scientific studies on the introduction of new educational technologies and their role in the education system. A study by Papastergiou (2009) analyzed the role of mathematical games and digital platforms in increasing students' interest and activity in acquiring knowledge. In this study, it was found that teaching students using digital games and interactive methods not only increases their interest in reading, but also develops their logical thinking skills. b is emphasized.

Also, the motivational value of games in education was highlighted in the study "Games, Motivation, and Learning: A Research and Practice Model" conducted by Harris, Ahlers, and Driskell (2002). The study focused on motivating students to study through games and increasing their activity in acquiring knowledge.

The analysis of the literature shows that the introduction of new educational technologies plays an important role in increasing interest, motivation, and activity in students. Studies in Uzbekistan and abroad positively assess the impact of digital educational tools, interactive games, online platforms, and innovative methods on students' academic performance. At the same time, it shows the need to increase the digital competence of teachers in order to effectively use technologies in the educational process.

METHODOLOGY

This study analyzed studies on the implementation of new educational technologies (NLT) in the education systems of Uzbekistan and abroad. The main goal of the study is to determine the effectiveness of the application of new educational technologies in the educational process and how these technologies affect students' activity in learning, motivation and academic results. The following methodological approaches and methods were used in the study:

Research design and type: The study is based on the analytical-descriptive method. Using this method, existing studies and scientific works on student participation in the educational process, the effectiveness of the use of new educational technologies and their implementation in the process of digitalization of the education system were analyzed. The study was based on case studies conducted both in Uzbekistan and abroad, covering the latest scientific approaches to how digital learning, interactive games, online platforms, and other modern educational technologies affect student success.

Data collection methods; The study collected data mainly through literature review and methodological research. Scientific studies, articles, books, online resources, educational reports, and statistical data conducted in Uzbekistan and abroad were analyzed. This created a comprehensive picture of the implementation of NLD in the education system and its impact on education. Using this methodology, the study used all the parameters and methods necessary to determine the effectiveness of new educational technologies. Clear conclusions were drawn about the role and importance of using innovative technologies in increasing student interest and effectively organizing the educational process. Research methods help to correctly analyze the impact of technologies on the education system and thereby develop new pedagogical methods.

RESULTS AND DISCUSSION

This study analyzed the implementation of new educational technologies in the education systems of Uzbekistan and abroad. The main goal of the study was to determine the implementation of new educational technologies (NLT) in the educational process and how these technologies affect the academic success, motivation and activity of students. During the study, the experiences of Uzbekistan and abroad were compared, and the role, opportunities and difficulties of new technologies in education were discussed. In Uzbekistan, in recent years, the implementation of new educational technologies and the use of digital educational tools have greatly contributed to increasing the effectiveness of the educational process. In the Republic of Uzbekistan, digital technologies and interactive learning platforms are being introduced in schools and higher educational institutions. Students are being provided with opportunities to learn through electronic textbooks, video materials, online tests, and mathematical games. According to the results of the study, the use of interactive learning tools and online platforms in Uzbek schools increases students' interest in learning and increases their activity in learning.

However, the widespread introduction of new educational technologies in Uzbekistan is still at an early stage, and in some regions, technical capabilities and digital competencies of teachers are not yet fully developed. This situation leads to difficulties in the effective use of technologies in some schools.

The implementation of new educational technologies abroad is much more advanced, especially in Europe, the USA, and Asian countries. Abroad, teachers use new technologies not only to motivate students, but also to develop students' creative and logical thinking skills, enhance interaction and communication in the learning process. For example, in a study conducted by Papastergiou (2009), mathematicsGames and interactive programs have been shown to be effective tools for increasing students' interest in learning. Harris et al. (2002) analyzed the relationship between games and motivation and noted that games are effective in increasing student engagement.

Also, experiences in Europe and the United States show that interactive games and digital platforms have a significant impact on students' academic success. These technologies allow students to learn lessons more interestingly and effectively, and they also involve students more actively in their learning processes. According to the results of the study, the implementation of new educational technologies significantly increases students' interest and motivation for learning. The effectiveness of the learning process is increasing through interactive games and online platforms. New technologies are being used as an important tool to increase students' enthusiasm for learning, increase interest in educational materials, and actively participate in the educational process. The study clearly demonstrated the effectiveness of interactive games in

developing students' mathematical and logical thinking skills. Students feel more enthusiastic and active in the process of consolidating acquired knowledge and learning new things. In addition, opportunities for individualization of education have been created through digital educational resources. Each student can choose materials that suit their learning style, which further personalizes the learning process and increases students' enthusiasm for education. The study also identified a number of difficulties associated with the implementation of new educational technologies. The main difficulties were the low competence of teachers in the use of digital technologies and insufficient technical support. This situation is especially evident in regional schools. Also, limited access to the Internet for students also reduces the effectiveness of digitalization of education in some regions.

However, to address these problems, state initiatives to support and expand digital education in Uzbekistan, such as the "Digitization of Education" program, will help to gradually eliminate these problems. It is necessary to increase the digital competence of teachers, as well as organize trainings and seminars to teach them the effective use of online educational platforms.

It is also important to use foreign experience, develop interactive materials for students and teachers in the use of new technologies, and make education more innovative and effective.

CONCLUSION

The results of the study show that the introduction of new educational technologies plays an important role in increasing motivation and activity among students, as well as improving the quality of education. However, there are challenges in implementing technologies, including the need to improve teachers' digital skills and technical infrastructure. Learning and applying experiences from Uzbek and foreign education systems is an important step towards improving students' academic success and making education more interactive.

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