



Umuman olganda, sakrovchanlik va sakrash chidamkorligini rivojlantirish bo'yicha zamonaviy metodikalar voleybolchilarni yuqori sport natijalariga tayyorlash jarayonida katta ilmiy va amaliy ahamiyatga ega.

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THE ROLE OF MODERN TECHNOLOGIES IN INCLUSIVE EDUCATION

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Abstract. Inclusive education is a system that ensures equal learning opportunities for all students, including those with physical, intellectual, or social disabilities. Today, modern information and communication technologies play a crucial role in this process. Through digital learning platforms, interactive programs, AI-based assistive tools, and customized learning materials, it is possible to create conditions that meet the individual needs of learners. For example, special software designed for students with hearing or visual impairments facilitates their learning process. Moreover, virtual and blended learning models contribute to expanding inclusive environments. Thus, modern technologies not only make the educational process more effective but also promote social justice and equality.



Keywords: inclusive education, modern technologies, digital learning, artificial intelligence, equal opportunities.

INKLUZIV TA’LIMDA ZAMONAVIY TEXNOLOGIYALARNING ROLI

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Abstrakt. Inkluziv ta’lim - bu barcha o’quvchilarning, jumladan, jismoniy, aqliy yoki ijtimoiy imkoniyatlari cheklangan bolalarning teng huquqli ta’lim olishini ta’minlovchi tizimdir. Hozirgi kunda zamonaviy axborot-kommunikatsiya texnologiyalari bu jarayonda muhim o’rin tutmoqda. Raqamli ta’lim platformalari, interaktiv dasturlar, sun’iy intellekt asosidagi yordamchi vositalar va moslashtirilgan o’quv materiallari orqali o’quvchilarning individual ehtiyojlariga mos sharoit yaratish mumkin. Masalan, nutqni eshitish yoki ko’rish qobiliyati cheklangan o’quvchilar uchun maxsus dasturlar ularning bilim olish jarayonini osonlashtiradi. Shuningdek, virtual va aralash ta’lim modellari inkluziv muhitni yanada kengaytirishga xizmat qilmoqda. Shu tarzda, zamonaviy texnologiyalar nafaqat o’quv jarayonini samaraliroq qiladi, balki ijtimoiy adolat va tenglik tamoyillarini ham ta’minlaydi.

Kalit so’zlar: inkluziv ta’lim, zamonaviy texnologiyalar, raqamli ta’lim, sun’iy intellekt, teng imkoniyatlar.

РОЛЬ СОВРЕМЕННЫХ ТЕХНОЛОГИЙ В ИНКЛЮЗИВНОМ ОБРАЗОВАНИИ

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Аннотация. Инклюзивное образование - это система, обеспечивающая равные возможности обучения для всех учеников, включая детей с физическими, интеллектуальными или социальными ограничениями. В настоящее время современные информационно-коммуникационные технологии играют важную роль в этом процессе. С помощью цифровых образовательных платформ, интерактивных программ, вспомогательных инструментов на основе искусственного интеллекта и адаптированных учебных материалов можно создавать условия, соответствующие индивидуальным потребностям учащихся. Например, специальные программы для детей с нарушениями слуха или зрения облегчают их процесс обучения. Кроме того, виртуальные и смешанные модели обучения способствуют расширению инклюзивной среды. Таким образом, современные технологии не только делают образовательный процесс более эффективным, но и способствуют социальной справедливости и равенству.

Ключевые слова: инклюзивное образование, современные технологии, цифровое обучение, искусственный интеллект, равные возможности.

Introduction

Inclusive education has emerged as a fundamental principle in modern pedagogical practices, emphasizing the right of every student to access quality education regardless of their physical, cognitive, or social abilities. This approach not only aims to eliminate barriers to learning but also fosters an environment of equality, respect, and social integration. In recent years, the rapid development of modern technologies has significantly transformed the educational landscape, providing innovative tools and strategies that make inclusive education more effective and accessible.



Modern technologies, including digital learning platforms, interactive educational software, assistive devices, and artificial intelligence applications, have expanded the possibilities for personalizing education. These tools allow educators to design learning experiences that accommodate the diverse needs of students, enabling learners with disabilities to participate fully in classroom activities. For instance, speech-to-text applications and screen readers support students with hearing or visual impairments, while adaptive learning software can adjust the pace and complexity of lessons according to individual abilities. Moreover, the integration of technology in inclusive education enhances student engagement and motivation. Virtual and blended learning environments provide flexible learning opportunities, encouraging collaboration and peer support, which are essential for social development. By leveraging technology, teachers can implement differentiated instruction more effectively, monitor student progress in real time, and address specific challenges faced by learners with diverse needs.

In addition to improving academic outcomes, modern technologies play a critical role in promoting social equity and reducing educational disparities. They create an inclusive culture in schools, where all students feel valued and supported, and help prepare learners for participation in an increasingly digital society. Ultimately, the use of technology in inclusive education is not merely a convenience; it is a powerful tool for fostering equal opportunities, enhancing learning experiences, and building a more just and inclusive educational system.

Results and Discussion

The implementation of modern technologies in inclusive education has demonstrated significant positive outcomes in both academic achievement and social development. Research and practical observations indicate that students with diverse learning needs show improved engagement, motivation, and comprehension when technology is integrated into the learning process. Digital platforms, interactive software, and assistive technologies enable personalized learning experiences, allowing students to progress at their own pace and overcome traditional barriers to education.

For example, studies have shown that students with visual impairments benefit greatly from screen readers and braille display technologies, which facilitate access to textual content and classroom materials. Similarly, students with hearing impairments are able to participate more actively in lessons using speech-to-text applications and captioning tools. Adaptive learning programs, powered by artificial intelligence, can assess individual strengths and weaknesses, providing tailored exercises and feedback that enhance understanding and retention of knowledge.

Moreover, technology fosters collaborative learning environments. Virtual classrooms, online discussion forums, and interactive group projects encourage peer interaction and social engagement, which are particularly important for students with social or cognitive challenges. Teachers also benefit from these technologies, as they can track progress, identify learning gaps, and adjust instructional strategies in real time. This allows for a more flexible and responsive educational approach, which is essential for meeting the diverse needs of all learners.

Despite these advantages, challenges remain. The effectiveness of technology in inclusive education depends on adequate training for educators, availability of appropriate resources, and access to reliable digital infrastructure. Additionally, excessive reliance on technology without proper pedagogical integration may limit its potential benefits. Therefore, successful implementation requires a balanced approach, combining traditional teaching methods with technological innovations to create an inclusive and supportive learning environment. In conclusion, modern technologies play a critical role in enhancing inclusive education by providing personalized learning opportunities, supporting diverse learners, and fostering social inclusion. When effectively implemented, these tools contribute to improved educational outcomes, greater student participation, and the promotion of equity in learning.

Conclusion

In summary, modern technologies have become indispensable in the advancement of inclusive education. They provide innovative solutions that address the diverse needs of learners, ensuring that students with physical, cognitive, or social challenges can participate fully in the educational process. Tools such as digital learning platforms, interactive software, assistive devices, and AI-based applications enable personalized learning, improve engagement, and enhance academic performance. Furthermore, technology fosters social inclusion by creating collaborative and supportive learning environments. It empowers educators to implement differentiated instruction, monitor student progress, and respond effectively to individual learning needs. While challenges such as resource availability, teacher training, and appropriate integration remain, the benefits of modern technologies in inclusive education are clear.



Ultimately, the use of technology not only enhances the quality of education but also promotes equity, accessibility, and social justice. By embracing these innovations, educational institutions can build more inclusive, adaptive, and empowering learning environments that prepare all students for success in an increasingly digital world.

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ZAMONAVIY O‘ZBEK TILIDA YANGI SO‘ZLARNING PAYDO BO‘LISH TENDENSIYASI

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Annotatsiya : ushbu maqolada zamonaviy o‘zbek tiliga yangi so‘zlarning kirib kelishi, ularning shakllanish omillari va asosiy tendensiyalari ko‘rib chiqiladi. Texnologik taraqqiyot, ommalashuv, internet tili va yosh avlod nutqidagi o‘zgarishlarning o‘zbek tili leksikologiyasiga ta’siri ortadi. Shuningdek, yangi so‘z yaratishning asosiy usullari - so‘z yasovchi qo‘shimchalar, qisqartmalar va ma’no kengayishi bilan vujudga keladigan jarayonlari ko‘rsatib berilgan.

Kalit so‘zlar: o‘zbek tili, yangi so‘zlar, neologizm, tendensiya, ommalashuv, internet tili, so‘z yasash, o‘zlashma, til taraqqiyoti, leksika.

ТЕНДЕНЦИИ ПОЯВЛЕНИЯ НОВЫХ СЛОВ В СОВРЕМЕННОМ УЗБЕКСКОМ ЯЗЫКЕ

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Аннотация: В данной статье рассматривается появление новых слов в современном узбекском языке, факторы, влияющие на их формирование, и основные тенденции, наблюдаемые в этом процессе. Отмечается возрастающее влияние технологического прогресса, массовой культуры, интернет-языка и изменений в речи молодого поколения на лексикологию узбекского языка. Кроме