

INNOVATIVE APPROACHES TO EDUCATION: PROBLEMS AND
SOLUTIONS

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Annotation. Education in the 21st century is dynamic, continuously evolving to accommodate new technologies, methodologies, and learning environments. Educators continuously strive to provide educational experiences that are not only rich in information but also captivating and customized to meet the varied learning styles of their students. The key to success in modern classrooms is innovation - integrating new approaches that stimulate and captivate students. This article discusses the problems that arise through the use of innovative approaches and modern technologies, and solutions to completely or partially eliminate their harmful aspects.

Key words: Education, country, modern, technologies, innovative, lessons, systems, knowledge, AR (Augmented reality), VR (Virtual reality), AI (artificial intelligence), future.

Аннотация. Образование в XXI веке динамично и постоянно развивается, внедряя новые технологии, методики и образовательные среды. Преподаватели постоянно стремятся предоставлять образовательные услуги, которые не только содержат много информации, но и увлекательны, и учитывают различные стили обучения своих учеников. Ключ к успеху в современных классах — инновации, внедрение новых подходов, которые стимулируют и увлекают учащихся. В

данной статье рассматриваются проблемы, возникающие при использовании инновационных подходов и современных технологий, а также решения, позволяющие полностью или частично устранить их негативные аспекты.

Ключевые слова: Образование, страна, современный, технологии, инновационный, уроки, системы, знания, AR (дополненная реальность), VR (виртуальная реальность), AI (искусственный интеллект), будущее.

Annotatsiya. 21-asrda ta'lim dinamik, yangi texnologiyalar, metodologiyalar va o'quv muhitiga moslashish uchun doimiy ravishda rivojlanmoqda. O'qituvchilar doimiy ravishda nafaqat ma'lumotlarga boy, balki o'z o'quvchilarining turli xil o'rganish uslublarini qondirish uchun qiziqarli va moslashtirilgan ta'lim tajribasini taqdim etishga intiladi. Zamonaviy sinflarda muvaffaqiyat kaliti innovatsiyalardir - talabalarni rag'batlantiradigan va o'ziga jalb qiladigan yangi yondashuvlarni birlashtirish. Ushbu maqolada innovatsion yondashuvlar va zamonaviy texnologiyalardan foydalanish natijasida yuzaga keladigan muammolar, ularning zararli tomonlarini to'liq yoki qisman bartaraf etish yechimlari muhokama qilinadi.

Kalit so'zlar: Ta'lim, mamlakat, zamonaviy, texnologiyalar, innovatsion, darslar, tizimlar, bilimlar, AR (Kengaytirilgan reallik), VR (Virtual haqiqat), AI (sun'iy intellekt), kelajak.

Today, attention to education and youth in our country is increasing day by day, and modern personnel are providing knowledge in new areas based on modern technologies. In addition, in each educational process, lesson plans based on modern methods, modern technologies, and innovative ideas are gradually entering each region and city. Here, let us explain the word innovation: "Innovation" is a word borrowed from the English language and means "innovation". If we look at this word in terms of content, the concept of innovation is an activity aimed at changing a certain internal system¹.

¹ Исмоилова, М. Б. *Ilim, fan va ta'limda innovatsion yondashuvlar, muammolar, taklif va yechimlar* [Электронный ресурс] // Zenodo. — 2024. — DOI: [10.5281/zenodo.15179378](https://doi.org/10.5281/zenodo.15179378)

What is the purpose of modern technologies? Unfortunately, modern technologies have not penetrated every region. This is the reason why the traditional education system is preserved in some regions. Nowadays, private schools, kindergartens, universities are operating, which is causing competition in education and development in education².

Especially in private schools, lessons are being taught based on a new approach in the education system, an example of this is foreign language lessons, previously lessons were only based on books, grammar lessons were taught in the same system. Today, speaking, listening and grammar skills are being taught in one lesson, which we can see is an innovative approach to education today³. With the introduction of technologies into education, with the introduction of new methods, and with the introduction of specialists who have studied modern education, the quality of education is improving and updating day by day. In the Address of our President Sh.M. Mirziyayev to the Oliy Majlis dated December 28, 2018, the need to raise innovative educational technologies to a higher level in the process of higher education was identified as one of the important areas⁴.

Currently, interest and attention to the use of interactive methods, innovative technologies, pedagogical and information technologies in the educational process is growing day by day. One of the reasons for this is that while in traditional education students were taught only to acquire ready-made knowledge, modern technologies teach them to search for the knowledge they are acquiring, to independently study and analyze it, and even to draw conclusions on their own⁵.

In this process, the teacher creates conditions for the development, formation, acquisition of knowledge and upbringing of the individual, and at the same time

² Amiri, Sayed Mahbub Hasan; Islam, Md Mainul; Kabir, Sk Humaun; Mamun, Mohammad Shawkat Ali. *Innovative Approaches to Education Policy: Lessons from Global Practices* [Электронный ресурс] // ResearchGate. — 2024.

³ *Innovative Approaches to Education: Engaging Students in the 21st Century Classroom* [Электронный ресурс] // ArtsylTech Blog. — 2023.

⁴ Mihaleva, Uliana. *Innovation in Education: Problems and Ways of Their Solution* [Электронный ресурс] // ResearchGate. — 2021.

⁵ Amiri, Sayed Mahbub Hasan; Islam, Md Mainul; Kabir, Sk Humaun; Mamun, Mohammad Shawkat Ali. *Innovative Approaches to Education Policy: Lessons from Global Practices* [Электронный ресурс] // ResearchGate. — 2024.

performs the function of management and guidance. Integration of AR and VR Augmented reality (AR) and virtual reality (VR) offer immersive learning experiences that significantly boost engagement in education. These technologies transport students across different geographies and historical times, enriching their understanding of the curriculum. The use of AR and VR in education not only captivates students' imaginations but also enhances their spatial understanding and retention of information⁶.

AR and VR turn theoretical concepts into experiential learning opportunities, effectively closing the gap between academic theories and their practical applications. To date, we have seen a lot of the development of technology and its culmination in educational innovation showing a good way of the future with its newest advances, One of the promising trends that we eye on are those that would render the learning process into one of continuous transformations.⁷

One of the most exciting developments is the rise of artificial intelligence (AI) in education. AI-driven instruments are being exploited more and more for personal learning making it possible through analysing the data of a student and offering personalized and direct guidance which tutoring their performance.⁸

Besides that, AI can and also will an unmerciful lender to the learning process, by automating all of the Ashburton and paperwork, can take the educator off teaching and replace their workload. This means that learner-centered decisionmaking systems will have the potential to reprogram or improve themselves, evolve and facilitate student learning continuously in the future⁹. Predetermined functions bound to custom content or designated for special needs.

⁶ *Innovative Approaches to Education: Engaging Students in the 21st Century Classroom* [Электронный ресурс] // ArtsylTech Blog. — 2023.

⁷ Исмоилова, М. Б. *Ilim, fan va ta'limda innovatsion yondashuvlar, muammolar, taklif va yechimlar* [Электронный ресурс] // Zenodo. — 2024. — DOI: [10.5281/zenodo.15179378](https://doi.org/10.5281/zenodo.15179378)

⁸ Amiri, Sayed Mahbub Hasan; Islam, Md Mainul; Kabir, Sk Humaun; Mamun, Mohammad Shawkat Ali. *Innovative Approaches to Education Policy: Lessons from Global Practices* [Электронный ресурс] // ResearchGate. — 2024.

⁹ Mihaleva, Uliana. *Innovation in Education: Problems and Ways of Their Solution* [Электронный ресурс] // ResearchGate. — 2021.

In conclusion, it can be said that today the most correct approach, the most correct system in the field of education and the education system is an innovative approach. Our youth should be able to introduce today's innovations, today's innovative system into every direction. Introducing innovations in science and education, using various innovations and methods in education is of great help. In addition, there were very few innovations introduced into the field of education. Many people did not even know the meaning of this word. However, today almost everyone understands the meaning of this word. Solutions are being sought and solutions are being found. This area is developing day by day in our country¹⁰.

Reference

1. Исмоилова, М. Б. *Ilim, fan va ta'limda innovatsion yondashuvlar, muammolar, taklif va yechimlar* [Электронный ресурс] // Zenodo. — 2024. — DOI: [10.5281/zenodo.15179378](https://doi.org/10.5281/zenodo.15179378) (дата обращения: 23.09.2025).
2. Amiri, Sayed Mahbub Hasan; Islam, Md Mainul; Kabir, Sk Humaun; Mamun, Mohammad Shawkat Ali. *Innovative Approaches to Education Policy: Lessons from Global Practices* [Электронный ресурс] // ResearchGate. — 2024. — URL: <https://www.researchgate.net/publication/389891279> (дата обращения: 27.09.2025).
3. *Innovative Approaches to Education: Engaging Students in the 21st Century Classroom* [Электронный ресурс] // ArtsylTech Blog. — 2023. — URL: <https://www.artsyltech.com/blog/innovative-approaches-to-education-engaging-students-in-the-21st-century-classroom> (дата обращения: 29.09.2025).
4. Mihaleva, Uliana. *Innovation in Education: Problems and Ways of Their Solution* [Электронный ресурс] // ResearchGate. — 2021. — URL: <https://www.researchgate.net/publication/347347354> *Innovation in education problems and ways of their solution* (дата обращения: 01.10.2025).

¹⁰ Исмоилова, М. Б. *Ilim, fan va ta'limda innovatsion yondashuvlar, muammolar, taklif va yechimlar* [Электронный ресурс] // Zenodo. — 2024. — DOI: [10.5281/zenodo.15179378](https://doi.org/10.5281/zenodo.15179378)

5. Жахонгирова Т. Эволюция негативных эмоций в английской литературе: семантический анализ // *Ta'limning zamonaviy transformatsiyasi*. – 2024. – Т. 11. – № 2. – С. 18–20.
6. Jakhongirova T. The Role of Input Frequency in Early Language Acquisition // *Xalqaro ilmiy-amaliy konferensiyalar materiallari*. – 2024. – Т. 1. – № 1. – С. 462–464.