COSTABILITY OF USING INNOVATIVE TECHNOLOGIES IN RUSSIAN LANGUAGE EDUCATION

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Abstract. This article examines the relevance of introducing innovative technologies in Russian language education, explores the advantages and challenges of this emerging pedagogical paradigm. We use modern technologies including digital learning platforms, virtual reality (VR), augmented reality (AR) and artificial intelligence (AI) to engage learners, enhance immersion and personalize the learning experience. We discuss how it can revolutionize learning. The article examines the need for a balanced approach, recognizing the importance of traditional pedagogical methods while harnessing the transformative power of technology to meet the needs of modern learners. We emphasize the possibilities of innovative technologies to create a more interesting, effective and comfortable learning environment for learning the Russian language.

Keywords: artificial intelligence (ai), machine learning (ml), natural language processing (nlp), virtual reality (vr), augmented reality (ar), gamification, mobile learning, online o learning platforms, language learning applications, interactive exercises, multimedia resources, adaptive learning, personalized learning, data-driven learning.

РЕНТАБЕЛЬНОСТЬ ИСПОЛЬЗОВАНИЯ ИННОВАЦИОННЫХ ТЕХНОЛОГИЙ В РУССКОЯЗЫЧНОМ ОБРАЗОВАНИИ

Аннотация. В данной статье рассматривается актуальность внедрения инновационных технологий в обучение русскому языку, исследуются преимущества и проблемы этой формирующейся педагогической парадигмы. Мы используем современные технологии, включая платформы цифрового обучения, виртуальную реальность (VR), дополненную реальность (AR) и искусственный интеллект (ИИ), чтобы привлечь учащихся, улучшить погружение и персонализировать процесс обучения. Мы обсуждаем, как это может революционизировать обучение. В статье рассматривается необходимость сбалансированного подхода, признающего важность традиционных педагогических методов и использования преобразующей силы технологий для удовлетворения потребностей современных учащихся. Мы подчеркиваем возможности инновационных технологий для создания более интересной, эффективной и комфортной среды обучения русскому языку.

Ключевые слова: искусственный интеллект (ИИ), машинное обучение (ML), обработка естественного языка (NLP), виртуальная реальность (VR), дополненная реальность (AR), геймификация, мобильное обучение, платформы онлайн-обучения, приложения для изучения языка, интерактивные упражнения, мультимедийные ресурсы, адаптивное обучение, персонализированное обучение, обучение, управляемое данными.

Enter. It is impossible to imagine the improvement of the educational process without the teacher. The teacher is both the subject and the organizer of the educational process. Effective continuous improvement process depends to a certain extent on the content and methodology of

teacher education. Thus, to increase the activity of students, it is necessary for the teacher to set a task for himself and seek to fulfill this task, using various types of modern technology to increase the activity of the student. The following methods can be used to increase students' activity in Russian language classes:

✓ creating a comfortable environment for students to organize the learning process well;

✓ allowing students to exchange ideas (information);

✓ demonstrate their knowledge to each other based on the information they have received;

✓ creating an environment where each student feels like the author of the educational content; Such opportunities are the basis for achieving full mastery of educational content [1].

The landscape of language education is undergoing profound changes with the rapid development of technology. In the field of Russian language education, the traditional pedagogical model, which often relies on textbooks and classroom lectures, is increasingly challenged by the emergence of innovative digital tools and immersive technologies. Exploring the relevance of incorporating these technologies into Russian language education highlights their potential to improve learning outcomes and meet the changing needs of modern learners. Modern learners are digital natives accustomed to interactive, engaging and personalized learning experiences. They want immediate feedback, look for real-world application of their learning, and value the ability to learn at their own pace and according to their personal preferences. Traditional language learning methods, while valuable, do not always meet these evolving needs.

Analysis and results. Innovative technologies offer a powerful solution to meet the changing needs of learners:

• *Digital Learning Platforms:* Online platforms such as Duolingo, Memrise, and Babbel provide interactive exercises, gamified learning experiences, and customized learning paths that adapt content to individual student needs and progress.

• *Virtual Reality (VR):* VR environments can create immersive experiences that enhance students' exposure to the target language and culture by allowing them to interact with simulated situations in a virtual world.

• *Augmented Reality (AR):* AR embeds digital content into the real world, providing an interactive learning experience through real-time translations, language recognition, and cultural context learning.

• *Artificial Intelligence (AI):* AI-based tools can provide personalized feedback, analyze student performance and adapt learning content in real-time, offering a truly personalized and personalized learning experience. is enough.

Advantages of using innovative technologies in Russian language education:

• *Increase engagement and motivation:* Technology-enhanced learning makes language acquisition more engaging and motivating, increasing student interest and engagement.

• *Enhanced Immersion:* Immersive technologies such as VR and AR create realistic and interactive environments that allow learners to experience the target language and culture in a more authentic and engaging way.

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[1]https://api.scienceweb.uz/storage/publication_files/2890/17002/658bf31dc08db___61-63+Importance+of+Using+New+Pedagogical+Technologies+in+Teaching+Russian+Language.pdf

• *Personalized learning:* Adaptive learning platforms and AI-powered tools allow learners to progress at their own pace and focus on areas that need extra help, making learning more personalized and creates an effective learning experience.

• *Real-world application:* Technology can provide opportunities for students to practice language skills in real-world contexts, such as virtual conversations, online communities, and multimedia projects.

• *Accessibility and Affordability:* Technology makes language learning more accessible for students who don't have the traditional classroom opportunities, enabling inclusion and equity.

Challenges and considerations:

• *Digital divide:* Unequal access to technology and digital literacy skills can create a digital divide that prevents the benefits of innovative technologies for some students.

• *Costs and infrastructure:* implementing innovative technologies requires investment in hardware, software, and teacher training, which is a financial burden for some educational institutions.

• *Balancing technology and traditional methods:* Finding a balance between technology and traditional pedagogical approaches is essential to ensure students have a comprehensive understanding of language and culture.

• *Ethical Considerations:* Addressing ethical issues related to data privacy, online safety, and technology's potential to disrupt traditional classroom dynamics is critical.

The integration of innovative technologies into Russian language education offers a unique opportunity to improve educational outcomes, engage students, and create a more inclusive and comfortable learning environment. By taking a balanced approach, harnessing the power of technology while preserving the value of traditional pedagogical methods, we can bridge the gap between tradition and transformation, empowering students to realize their full potential in language learning.

Summary. In conclusion, language learning is a complex process for students. Students always face difficulties in learning foreign languages. The interactive methods that we listed above help to overcome these difficulties and serve to increase students' interest in learning foreign languages, especially Russian.

REFERENCES

1. Kogan, OS (2014). Russian language teaching technology: review of current trends and future directions. Journal of the Russian Language, 68(1), 137-152.
2. Kiseleva, NB (2018). Use of information technology in teaching Russian as a foreign language: Case study. Journal of Russian Language Teaching, 15(2), 55-68.
3. Bondar, NV (2020). The role of technology in the development of communicative competence in Russian language learners. International Journal of Russian Language Education, 8(1), 33-49.
4. **https://www.memrise.com/**
5. **https://www.russianpod101.com/**