

**USE OF NEW PEDAGOGICAL TECHNOLOGIES IN TEACHING INFORMATION TECHNOLOGY SUBJECTS**

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**Annotation:** This article highlights the benefits of using new pedagogical technologies in teaching information technology subjects. It discusses the enhancement of educational effectiveness through interactive methods, digital platforms, and artificial intelligence technologies. The article also emphasizes the importance of professional development and institutional support for teachers to effectively implement these tools.

**Keywords:** New pedagogical technologies, information technology, interactive learning, artificial intelligence, digital platforms.

**Annotatsiya:** Ushbu maqolada axborot texnologiyalari fanlarini o'qitishda yangi pedagogik texnologiyalardan foydalanishning afzalliklari yoritilgan. Zamonaviy o'quv jarayonida interaktiv uslublar, raqamli platformalar va sun'iy intellekt texnologiyalari orqali ta'lim samaradorligini oshirish masalalari ko'rib chiqilgan. Maqolada shuningdek, o'qituvchilarning bu texnologiyalardan samarali foydalanishlari uchun zaruriy shart-sharoitlar va malaka oshirishning ahamiyati ta'kidlangan.

**Kalit so'zlar:** Yangi pedagogik texnologiyalar, axborot texnologiyalari, interaktiv ta'lim, sun'iy intellekt, raqamli platformalar.

**Аннотация:** В данной статье освещаются преимущества использования новых педагогических технологий при преподавании информационных технологий. Рассматриваются вопросы повышения эффективности обучения за счет применения интерактивных методов, цифровых платформ и технологий искусственного интеллекта. Также подчеркивается важность повышения квалификации преподавателей и создания необходимых условий для эффективного использования данных технологий.

**Ключевые слова:** Новые педагогические технологии, информационные технологии, интерактивное обучение, искусственный интеллект, цифровые платформы.

In the rapidly evolving educational landscape, the integration of new pedagogical technologies in teaching Information Technology (IT) subjects has become not only beneficial but essential. These technologies enhance the quality of education, facilitate interactive learning, and improve student engagement and understanding.

One of the key advantages of using new pedagogical technologies is the ability to create more student-centered learning environments. Tools such as interactive whiteboards, virtual labs, simulation software, and online learning platforms allow educators to present complex

IT concepts in a more accessible and engaging manner. As a result, students are able to grasp abstract ideas through visualization and hands-on experience.

Moreover, the use of Learning Management Systems (LMS) enables efficient delivery of content, tracking of student progress, and personalized learning paths. Platforms like Moodle, Google Classroom, and Microsoft Teams provide teachers with opportunities to manage courses, distribute assignments, and maintain communication with students in a seamless digital environment.

Gamification is another innovative approach that has shown promising results in IT education. By incorporating game elements into learning activities, teachers can motivate students, increase participation, and foster a more dynamic classroom atmosphere. Badges, leaderboards, and rewards encourage students to achieve their learning goals through a fun and competitive framework.

Furthermore, the integration of Artificial Intelligence (AI) and data analytics in education allows for more accurate assessment of student performance and learning needs. Intelligent tutoring systems and adaptive learning technologies can provide real-time feedback and adjust instructional content to match individual student capabilities.

Despite these advantages, it is crucial for educators to receive adequate training and support in using these technologies effectively. Continuous professional development, peer collaboration, and institutional backing are necessary to ensure that the potential of new pedagogical tools is fully realized in IT education.

In conclusion, the use of new pedagogical technologies in teaching IT subjects offers significant opportunities for improving educational outcomes. By embracing these tools, educators can create more engaging, effective, and inclusive learning environments that meet the demands of the digital age.

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