

## RELEVANCE OF USING PEDAGOGICAL TECHNOLOGIES IN THE EDUCATIONAL PROCESS

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**Abstract:** This article provides information about the importance, relevance and essence of using pedagogical technologies in the educational process. Pedagogical technologies can be a valuable tool in improving the quality of education when used effectively. However, it is important to be aware of the potential drawbacks of technology and use it in a way that benefits all students.

**Key words:** *Quality of education, pedagogical technology, platforms, multimedia content*

Pedagogical technologies play a crucial role in improving the quality and efficiency of education, offering many benefits that transform the educational process. Pedagogical technology consists of the process of transferring and mastering information in a form and method convenient for learning. So, pedagogical technology consists of the activity of influencing a person (the recipient of education) according to a predetermined goal . Pedagogical technology is a process that guarantees teaching a student to study independently, acquire knowledge, and think. From this point of view, we determine the relevance of using pedagogical technologies in the educational process through the following directions.

*Enhancing engagement and motivation:* Pedagogical technologies introduce interactive and dynamic elements into the learning process, attract students' attention and arouse a sense of curiosity. Technology that includes multimedia content, simulations, and gamified learning experiences makes learning more engaging and stimulating, leading to increased motivation and engagement.

*Personalized learning and personalized learning:* Technology enables personalized learning by tailoring the learning experience to students' individual needs, strengths, and learning styles. Adaptive learning platforms can assess student progress and provide personalized instruction that offers targeted support and remediation as needed. This personalized approach caters to diverse learners and ensures that each student receives an optimal learning experience.

*Increase availability and flexibility:* Pedagogical technologies expand learning opportunities beyond traditional classroom settings, giving students greater flexibility and access. Online learning platforms, virtual classrooms, and digital resources make learning accessible to students in remote areas or with limited mobility. This flexibility facilitates lifelong learning and enables people to achieve their educational goals regardless of location or circumstances.

*Enhanced collaboration and communication:* Technology facilitates collaboration and communication between students, teachers and parents, fostering a connected learning community. Online discussion forums, collaborative projects, and video conferencing tools enable real-time interaction, encourage peer-to-peer learning, and foster a sense of community.

*Improved evaluation and assessment :* Technology provides innovative tools to assess student understanding and progress . Online quizzes, interactive exercises, and real-time feedback mechanisms allow teachers to gain a deeper understanding of student learning, which while more efficient formative and summative evaluation enable will give.

*Critical thinking and developing digital literacy skills:* Pedagogical technologies help students develop important critical thinking and digital literacy skills. Surfing online resources, evaluating information sources, and participating in technology-mediated discussions through students more and more digital in the world development for necessary was to skills have will be

*Future the work to the place preparation:* In education technology integration students digital tools and cooperation platforms more and more more

relying on modern the work place prepares for the requirements. By incorporating technology into the curriculum, teachers prepare students for success in the 21st century labor market reach for necessary has been skill and skills with they arm.

Uzbekistan education to the system pedagogical technologies integration training and teaching improve according to of technologies variable potential confession reached without significant to achievements achieved Government education in institutions from technology to use development according to different initiatives done increased, including: Education in the system information and communication development of technologies (ICT). national program Started in 2017 this program ICT teaching, teaching and of management all to the fronts integrated without education system modernization to do directed Government schools necessary ICT infrastructure, including computers, projectors and internet connection with to provide investment entered To these schools to technology based on study methods apply and online of resources use enable gave Teachers pedagogical technologies own to classes efficient current reach according to study from courses is passing People education Ministry teachers interesting and efficient education experience Create for from technology which uses innovative pedagogical practices to apply is encouraging. To this to the project based on education, gamification and mixed education approaches enters Students digital literacy skills development for technology education study to the program is being entered. To this computer applications, internet security and responsible digital citizenship about study enters Government virtual schools and online courses organize reach through online education opportunities is expanding. This is especially the edge in the regions to the students more flexibility and education get opportunity will give.

Such to achievements although pedagogic technologies Uzbekistan education to the system complete in integration still problems there is:

*Limited access to ICT infrastructure* : Not all schools have equal access to computers, projectors and reliable internet connections, creating an imbalance in the use of technology.

*Knowledge and skills of teachers*: While teacher training continues, there are gaps in the knowledge and skills of some teachers in the effective use of pedagogical technologies.

*Developing high-quality digital content*: There is a need for high-quality digital educational content that is culturally relevant and relevant to Uzbekistan's curriculum.

*Integrating Technology into Traditional Teaching Methods* : Striking a balance between traditional teaching methods and technology integration can be difficult, requiring careful planning and implementation.

In conclusion, the integration of pedagogical technologies into education is not only a trend, but a necessity to meet the changing needs of students in a dynamic and interconnected world. By harnessing the power of technology, educators can create engaging, personalized, and effective learning experiences that empower students to reach their full potential and prepare them for the challenges and opportunities of the future. In the process of pedagogical technology, under the guidance of the teacher, the student independently acquires knowledge, learns and assimilates. The implementation of this activity includes such processes as its organization, conduct, improvement, analysis, research, comparison, generalization, conclusion, management, control, evaluation.

Recognizing the potential of technology to improve the quality and efficiency of education, Uzbekistan is making significant progress in integrating pedagogical technologies into its education system. By addressing existing challenges and continuing to invest in ICT infrastructure, teacher training, and digital content development, Uzbekistan can further harness the power of

technology to prepare its students for the challenges and opportunities of the 21st century.

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