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IMPROVING THE METHODOLOGY OF TEACHING THE SUBJECT OF PEDAGOGICAL TECHNOLOGY ON THE BASIS OF HYBRID EDUCATION

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Abstract
This article scientifically analyzes the improvement of the methodology for teaching the course of pedagogical technologies based on hybrid learning. The paper examines the role of hybrid learning models in enhancing the quality of education and how they integrate with pedagogical technologies. The main principles of hybrid learning, its integration with pedagogical technologies, and methods for enhancing educational processes through modern approaches are discussed. The hybrid learning model increases opportunities for independent learning, interactive communication, and the use of technological tools. Additionally, the article explores the scientific foundations and methodological approaches to the effective application of pedagogical technologies. This article may serve as a guide for teachers and specialists working in the field of education to optimize the educational process based on hybrid learning.

Keywords: Pedagogical technologies, hybrid learning, higher education, pedagogical methodology, distance learning, interactive teaching, improving education quality, innovative teaching methods, teaching methodology, personalized learning, education improvement, teacher qualifications, educational process.

Introduction

The education system and its forms in Uzbekistan are constantly being updated and developed. Globalization processes, the development of information and communication technologies, and social conditions such as the pandemic are

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forcing the education sector to adopt new approaches and methodologies. Today, the science of pedagogical technology plays an important role in organizing the educational process more effectively and efficiently, ensuring the comprehensive development of education. The effective application of pedagogical technologies allows teachers and students to expand their opportunities, enhance the quality of education, and apply modern pedagogical methods. Improving the methodology of teaching pedagogical technologies in higher education on the basis of hybrid learning remains one of the most pressing issues today. The hybrid learning model is an educational methodology that combines traditional and distance learning formats, and its effective application serves to fundamentally improve the process of teaching pedagogical technologies. This article analyzes the scientific foundations and methodological approaches to improving the methodology of teaching the subject of pedagogical technology through hybrid learning.

The importance of the subject of pedagogical technology and its role in the learning process. Pedagogical technology is a set of methodological, technological, organizational, and psychological tools required to manage, organize, and effectively implement the educational process. The main purpose of applying pedagogical technologies is to involve students in scientific and practical activities, and to develop their independent thinking and creative problem-solving skills. In addition, this discipline ensures the distinctive characteristics of the educational process, as well as the continuous renewal of teachers' knowledge, skills, and pedagogical approaches. The methodology of teaching pedagogical technologies, especially in higher education, helps students acquire high-quality knowledge and adapt to the modern education system while working collaboratively. Global changes in the education system, the wider introduction of digital technologies, and the constant development of pedagogical methods play an important role in familiarizing students with new pedagogical technologies and their practical application. Therefore, when the methodology of teaching pedagogical technology is improved based on hybrid learning, the process of acquiring knowledge becomes more effective and comprehensive.

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The essence of the hybrid learning model and its integration with pedagogical technologies. Hybrid learning (Blended Learning) is an educational model based on the integration of traditional and online learning formats. In hybrid learning, students can master lessons both in the traditional way and through distance learning. This model allows students to adapt the learning process to their needs and conditions, while also providing teachers with broader opportunities to manage classes and monitor student outcomes.

The hybrid learning model creates the most convenient and effective opportunities for applying pedagogical technologies. For example, teachers can present lecture materials online and conduct interactive sessions and practical assignments via the internet. Modern pedagogical technologies, such as video lectures, online tests, virtual laboratories, webinars, and other interactive tools, are used in this process. These methods allow students to check their knowledge anytime and anywhere and engage in independent study.

Advantages of hybrid learning include:

Flexibility of the educational process: Students can attend and study lessons at their own time and pace, which fosters independent learning skills.

Improvement of education quality: Hybrid learning encourages student interaction and greater engagement, thereby increasing the effectiveness of learning.

Integration of pedagogical technologies: Hybrid learning effectively integrates pedagogical technologies, assisting teachers in organizing lessons and managing student activities.

Quick and effective assessment system: Online tests, quizzes, and assessment tools enable rapid and accurate evaluation of students' knowledge.

Foundations of improving the methodology of teaching pedagogical technologies through hybrid learning. Improving the methodology of teaching pedagogical technologies on the basis of hybrid learning requires the integration of pedagogical approaches. Research and practical experience show that hybrid learning methodology engages students not only in traditional methods but also in opportunities for distance learning through modern technologies. This

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approach helps increase student activity in the learning process, improve education quality, and update teachers' working methods.

The foundations of applying pedagogical technologies in hybrid learning include: Computer-based teaching methodology: The use of computers and internet technologies becomes more significant in applying pedagogical technologies within hybrid learning. Electronic resources, online tests, virtual laboratories, and other interactive tools make the learning process more effective and engaging.

Personalized learning: The hybrid model allows students to plan and implement their studies individually. This enables education tailored to students' unique needs and interests.

Use of innovative methods: Hybrid learning applies innovative methods such as the "flipped classroom," "gamification," and "peer learning." These approaches foster collaboration, strengthen knowledge retention, and encourage active participation.

Methodological approaches in hybrid learning include:

Interactive and collaborative methods: Students can exchange ideas and complete practical tasks collaboratively through online platforms that support group projects, discussions, tests, and quizzes, which increase motivation and engagement.

Flipped Classroom: This method involves students preparing with video lectures or electronic materials in advance, while class time is dedicated to reinforcing knowledge, applying it in practice, and addressing questions.

Combination of distance and face-to-face teaching: Online classes are combined with in-person discussions and group projects, making the learning process interactive.

Personalized learning approaches:

Students are provided with educational directions adapted to their interests, scientific goals, and social needs, which enhances their enthusiasm for learning.

Improving the methodology of teaching pedagogical technologies through hybrid learning is of great importance for the development of the modern education system. The opportunities of hybrid learning, integrated teaching methods, and

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the use of modern pedagogical technologies make it possible to organize the learning process more effectively. This not only improves students' learning activities but also enhances the quality of education, introduces innovative approaches, and helps the education system meet global standards. Thus, combining the hybrid learning model with pedagogical technologies creates opportunities to make the educational process in higher education more effective, flexible, and of higher quality.

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