



## APPLICATION OF INFORMATION TECHNOLOGIES IN LINGUISTIC EDUCATION

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### ABSTRACT

This article explores the role and importance of information technology in the field of linguistic education. She examines current trends in the use of information technologies, such as computer programs, online resources and mobile applications, in the process of language learning and linguistic analysis. The article analyzes the advantages that modern technologies provide in the field of linguistic education, such as increasing the accessibility of learning, individualization of the learning process, the possibility of improving the skills of perception, pronunciation and understanding of the language.

**KEYWORDS:** Linguistic education, information technologies, educational technologies, distance learning, e-learning, computer training, interactive educational resources, online courses, virtual classes.

### INTRODUCTION

In the modern world, information technology has firmly entered into all spheres of our life, and education is no exception. In the field of linguistics, where the study of languages and communication plays a key role, the use of information technology has become an integral part of the educational process. This article explores how information technologies are being introduced into linguistic education, advantages, challenges and future prospects. Information technology is rewriting the rules of education all over the world[1]. More and more educational institutions are beginning to integrate modern technologies into their programs, and this has a strong impact on linguistic education. In this article we will consider how information technologies transform the methods of teaching languages, improving the accessibility and effectiveness of learning.

Interactive educational resources are one of the key aspects of the use of information technologies in linguistic education. Electronic textbooks, online courses and multimedia materials allow students to learn the language at a more interactive level[3]. With the help of audio and video files, they can listen and repeat the correct pronunciation, as well as see how the language is used in practice. Information technology also promotes distance learning. Students can study outside the classroom by managing their schedule and choosing a convenient time for classes. This is especially important for those who cannot attend university physically due to geographical location or other circumstances.

With the development of technology, new teaching methods have appeared, which are actively used in linguistic education. Computer programs and applications can create individual educational plans, taking into account the level of language proficiency and the needs of the student. Such adaptive learning systems help students learn more effectively[4]. Research

shows that the use of information technology in linguistic education improves learning outcomes. Students who use online resources and programs to learn languages often demonstrate a higher level of language proficiency and greater motivation to study.

One of the most notable achievements in the field of linguistic education is the creation of interactive learning platforms. These platforms provide students with access to online courses, educational materials, and allow them to learn languages at any convenient time. Through interactive tasks, tests and exercises, students can develop grammar, listening, reading and writing skills. Information technology has also made it possible to conduct virtual classes and video conferences. This significantly expands the geographical boundaries of education, allowing students and teachers from different parts of the world to interact in real time. With the help of video conferences, you can arrange online discussions, language workshops and much more.

Linguistic education has also benefited from the use of multimedia materials and educational software. Audio and video materials help students to immerse themselves in the language environment and improve their pronunciation skills. Educational software provides access to a variety of tools, including dictionaries, translators, grammar checks and more[5]. The use of information technologies in linguistic education has its advantages, such as accessibility, flexibility and the possibility of individualization of learning[6]. However, there are also challenges, such as the need to ensure a high-quality Internet connection, the level of technical literacy of students and teachers, as well as issues of data protection and confidentiality.

With the development of technology, we can expect further growth in the field of linguistic education. Virtual and augmented reality can provide new opportunities for language practice and the study of cultural contexts[7]. Machine learning and artificial intelligence can help in creating personalized educational plans and predicting student needs.

In conclusion, information technology has become an integral part of linguistic education, providing students and teachers with many tools and resources for more effective and interesting language learning. However, the introduction of technology also requires attention to challenges and ensuring the quality of education. In the future, information technologies will continue to change linguistic education, opening up new perspectives and opportunities for students and teachers.

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