

THE IMPACT OF TECHNOLOGY IN EDUCATION

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Abstract. *This paper explores how technology has transformed education, making learning more accessible and engaging. It discusses benefits such as flexible learning and improved engagement, while also addressing challenges like digital inequality and teacher training needs.*

Technology plays a vital role in modern education, enabling students to learn beyond traditional classroom settings. Digital tools, online platforms, and interactive resources enhance student engagement and independent learning. However, challenges such as unequal access to technology and varying levels of teacher proficiency need to be addressed to maximize its benefits.

Key Words: *Digital Learning, Online Education, E-Learning, Virtual Classrooms, Student Engagement, Technology in Education.*

Introduction

Technology has revolutionized education by providing interactive learning experiences and greater accessibility. Online learning platforms and digital tools help students acquire knowledge efficiently, though disparities in access and teacher training remain concerns.

Literature Review

Studies indicate that technology enhances student motivation and comprehension.

However, research also highlights the digital divide, emphasizing the importance of equal access and structured implementation.

Methodology

A literature review was conducted, analyzing global education trends and Uzbekistan's adoption of technology in learning. Secondary data from research articles, government reports, and digital learning platforms were reviewed.

Results

Findings show that technology increases student engagement and facilitates flexible learning. However, accessibility issues and teacher readiness limit its full potential.

Discussion

Balancing digital and traditional learning methods is crucial. Teacher training and infrastructure improvements are necessary for effective technological integration.

Conclusion

Technology has enhanced education by improving accessibility and engagement. However, addressing digital inequality and teacher training is essential for its full potential. A balanced integration of traditional and digital learning methods will ensure effective educational outcomes.

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