

FORMATION OF INFRASTRUCTURE IN TECHNOLOGICAL EDUCATION THROUGH THE INTRODUCTION OF DIGITAL TECHNOLOGIES AND MODERN METHODS

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Annotation:

This article discusses the formation of educational infrastructure through the introduction of digital technologies and modern teaching methods in technological education. It analyzes the effective use of information and communication technologies, interactive methods, and opportunities for developing students' independent thinking. The importance of creating a digital learning environment and improving education quality is also highlighted.

Keywords:

Technological education, digital technologies, innovation, educational infrastructure, ICT, modern methods, interactive methods, distance learning, digital environment, effectiveness

Introduction:

Today, digital technologies are rapidly entering all spheres of life, including education. The use of digital tools in technological education is becoming increasingly important. Modern students need not only knowledge but also skills in searching, processing, and applying information in practice. Therefore, forming an effective educational infrastructure through the introduction of digital technologies and modern methods is one of the key issues.

Main Part:

The use of digital technologies in technological education makes learning easier and more engaging. Multimedia tools, virtual laboratories, and simulation programs help explain complex concepts more effectively.

Distance learning platforms allow students to study from anywhere, ensuring continuity in education. Modern teaching methods such as interactive approaches, project-based learning, and STEAM significantly improve the effectiveness of technological education. These methods develop students' creativity, problem-solving skills, and independent thinking. At the same time, the formation of educational infrastructure requires computers, internet access, digital platforms, and electronic resources. However, in some institutions, these resources are still insufficient. In the future, it is necessary to expand the use of digital technologies, improve teachers' digital competencies, and develop modern infrastructure.

Conclusion:

In conclusion, the integration of digital technologies and modern methods into technological education significantly improves the quality of education. It helps students acquire modern knowledge and skills. Creating an effective infrastructure will further enhance the development of education. Digital technologies will undoubtedly become an essential part of technological education in the future.

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