THE EFFECTIVENESS OF USING MODERN TECHNOLOGIES IN ORGANIZING EDUCATIONAL ACTIVITIES IN SECONDARY SPECIALIZED VOCATIONAL EDUCATIONAL INSTITUTIONS

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Abstract: This study is devoted to studying the effectiveness of using modern technologies in organizing educational activities in secondary specialized professional educational institutions. The rapid development of digital tools and innovative teaching methods is radically changing traditional educational processes, creating a more interesting, interactive and effective learning environment. The study analyzes the potential of modern technologies such as e-learning platforms, virtual and augmented reality tools, as well as systems based on artificial intelligence in developing the educational process. Methods for improving students' academic performance, developing creativity, and organizing a personalized educational process through these technologies are highlighted.

Keywords: Modern technologies, organization of educational activities, Secondary specialized professional education, educational efficiency, e-learning platforms, virtual and augmented reality, artificial intelligence in education, innovative pedagogy, personalized education, digital tools in education.

Introduction: The rapid development of technologies in the modern world is causing significant changes in all areas, including the education system. Digital tools and innovative pedagogical approaches make the educational process more effective, interesting and interactive. Especially in secondary specialized vocational educational institutions, the use of modern technologies is of great importance in optimizing the learning process of students, developing their abilities and increasing the efficiency of teachers.

Educational activities not only improves the level of knowledge of students, but also serves their personal development. Modern technologies, such as e-learning platforms, virtual and augmented reality tools, and artificial intelligence-based systems, provide an opportunity to personalize the educational process, organize it in a visual and interactive way. This study provides a detailed analysis of the use of modern technologies in organizing educational activities in secondary specialized vocational educational institutions and their effectiveness. The purpose of the study is to study the impact of modern technologies on the educational process and develop recommendations for their successful implementation in practice.

Advantages: The integration of modern technologies into the educational process allows you to improve the quality of education and organize it more effectively. Below are the main advantages of using modern technologies in educational activities:

1. **Interactivity of the educational process**

Modern technologies, such as virtual and augmented reality tools, simulation programs, and electronic platforms, enable active student participation. Through these tools, students gain deeper understanding of the subject and develop skills in applying knowledge in practice.

2. **Personalized learning opportunity**

allow for the creation of educational programs based on artificial intelligence that meet the needs of each student. This allows the educational process to be organized taking into account each student's level of knowledge, interests, and ability to learn quickly.

3. **Widespread access to knowledge**

Through e-learning platforms and online resources, students will have access to educational materials anytime, anywhere. This will help promote independent learning and reduce the burden on teachers.

4. **Developing practical skills**

Modern technologies, such as laboratory simulations and technical exercises, allow students to test real-world situations, which helps them develop professional skills and adapt to market demands.

5. **Improve educational efficiency**

Innovative technologies help to convey the subject matter more easily and understandably. For example, visual materials, multimedia resources, and animations significantly increase the level of student learning.

6. **Accuracy and transparency of the evaluation process**

Electronic assessment systems allow for quick and accurate analysis of students' knowledge levels. This not only helps determine students' knowledge levels, but also helps identify their strengths and weaknesses.

7. **Develop teamwork and communication**

Online platforms and virtual collaboration tools develop students' collaborative skills, making the learning process not only effective, but also fun and creative.

These advantages of modern technologies not only make the educational process more efficient, but also increase students' interest in learning. Therefore, their widespread introduction into education is one of the urgent issues of today.

Disadvantages: Although modern technologies have created great opportunities for the effective organization of the educational process, there are some disadvantages and limitations associated with their use. The following are the main problems encountered in the use of modern technologies in educational activities:
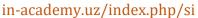
1. **High financial costs**

The introduction of modern technologies requires significant financial resources for educational institutions. These costs include the purchase of technical equipment, installation of software, as well as the development of infrastructure. In many cases, institutions with limited resources cannot take advantage of such opportunities.

2. **Technical failures and interruptions**

Technical issues with technology, such as slow internet speeds, hardware failures, or software malfunctions, can disrupt the learning process , negatively impacting educational effectiveness.

3. **Level of technological literacy of students**

Many teachers lack sufficient knowledge and skills in the use of modern technologies. This prevents them from using technologies effectively in the educational process. Therefore, continuous training and professional development of teachers is required.

4. **Student distraction**

When using digital technologies and the internet, students may focus their attention away from the learning material on distractions, such as social media or entertainment content. This reduces the effectiveness of the learning process.

5. **Formation of dependence on technology**

Excessive use of modern technologies can lead to a decline in students' independent thinking and skills in using traditional educational tools, which limits their creative and analytical potential.

6. **Data security and privacy issues**

Ensuring data security and privacy is a pressing issue when using online platforms and technologies. Misuse of personal data or data security breaches can negatively impact an educational institution's reputation.

7. **Lack of equal access to technology**

all students have access to the same technological devices and internet resources. This hinders students' equal participation in the educational process and can exacerbate social inequality.

8. **Psychological and physical negative effects**

Prolonged use of computers and other technologies can have negative effects on students' psychological and physical health, including eye strain, problems caused by poor posture, and technostress.

Conclusion: The introduction of modern technologies into educational activities creates great opportunities for the effective organization of the educational process and improving the quality of student learning. Innovative approaches such as e-learning platforms, virtual and augmented reality tools, and artificial intelligence systems make education more interesting, interactive, and personalized. However, when using these technologies, it is necessary to take into account a number of problems, such as financial costs, technical failures, technological literacy of teachers, and social inequality.

The results of the study show that modern technologies can serve as a powerful tool for effectively organizing the educational process. However, to maximize their impact, it is necessary to use technologies wisely, train teachers, and develop technical infrastructure.

In the future, it is recommended to implement the following measures to further increase the effectiveness of using modern technologies in the educational process:

1. Organizing continuous professional development programs for teachers.
2. Strengthening the technical base of educational institutions.
3. students a culture of rational use of technology.
4. Expanding access to technology to ensure social equality.

By successfully integrating modern technologies into the educational process, it is possible to improve the quality and efficiency of education, as well as ensure the development of students in line with the requirements of modern society .

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