

## THE ROLE OF MODERN INFORMATION TECHNOLOGY IN THE MANAGEMENT OF THE EDUCATIONAL PROCESS

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### ABSTRACT

This article revolutionizes the educational process in the digital age today by ensuring that information technology uses large resources and increases cooperation between students and teachers. In pedagogical education, from online educational platforms to interactive teaching tools, technology makes learning more interesting and accessible to students of all ages and all ages.

**Keywords:** modern education, information, global, online resource, interactive, virtual classes.

### INTRODUCTION

With the integration of Information Technology of the management process in pedagogical education, teachers are well equipped to adapt the educational experience, monitor the progress of students and provide personalized assistance for individual needs. The role of Information Technology in modern education information technology plays an important role in modern education and provides new tools and resources for students and teachers to enhance their educational experience. These technologies allow for personalized learning experience, interactive classes, and online collaboration that expand educational opportunities and improve student engagement. From online textbooks to digital learning platforms, information technology has changed the way education is delivered and used, making education more dynamic and accessible to everyone. The challenges of integrating technology in the classroom create a variety of challenges such as the increasing use of technology in education providing the correct integration of technology in the classroom for teachers. Educators must constantly update their qualifications in order to effectively use technology for teaching purposes and involve students in the learning process.

Another challenge is the need for proper training and support for the skillful integration of various technological tools into teacher education practice.

Advantages of using information technology for education the application of Information Technology in education provides interactive educational tools, personalized learning plans and global collaborative opportunities for students. These technologies enhance participation and understanding in the lesson. Through the use of information technology, teachers can create dynamic and multimedia-rich learning experiences to suit a variety of educational styles. Virtual classes and online resources provide flexibility and access to educational content at any time, anywhere. In addition, the integration of information technology into education will arm students with essential skills in digital literacy and prepare them for modern workforce requirements. The use of these technologies improves the learning process and promotes a more innovative and effective educational environment.

The application of information technology to the educational process revolutionized teaching methods. Innovative tools such as Virtual classrooms and online resources are increasing the

educational experience for students everywhere. With the integration of technologies, students get access to a lot of information at hand. Interactive learning platforms make classes more interesting and tailored to individual learning styles, leading to a more effective learning experience.

Teachers can use technology to create dynamic and interactive lesson plans, making students passionate and passionate about learning. Using innovative tools, teachers can personalize the learning experience and meet the specific needs of each student. The use of Information Technology in education enhances student engagement and collaboration, which improves educational outcomes. Digital resources help provide a variety of educational styles, making it easier for students to access and interact with educational content.

By integrating technology into the educational process, students are better prepared for the digital age and can develop important skills to succeed in the future. When it comes to applying information technology to the educational process, effective technology integration is essential to enhance the learning experience. Through the continuous introduction of technology into the curriculum, students can use interactive and interesting educational tools.

Another key strategy for effective technology integration is to ensure that the technology matches the educational goals. By carefully selecting and integrating technology tools that support educational goals, teachers can create a more dynamic and personalized educational experience for students.

The inclusion of Information Technology in education increases student engagement, collaboration, and personalized learning experience. Integration of IT tools such as interactive whiteboards, online resources, and education management systems can facilitate effective training and learning. For successful implementation, it is very important to train teachers on the effective use of IT tools. Providing and supporting opportunities for continuous professional development can increase teacher confidence and expertise in incorporating technology into teaching practice. Monitoring and assessing the impact of IT integration on educational and educational outcomes is critical. The use of data analysis and feedback mechanisms helps to assess the effectiveness of the introduction of it and make sound decisions for continuous improvement. While information technology has many benefits to education, there are risks in the educational process that can rely heavily on technology.

These risks include problems such as technical failures, lack of personal interaction, and distracting factors that interfere with learning experience. It is important for teachers to balance between using technology as a valuable tool and ensuring that students have opportunities to learn and engage face-to-face.

The application of information technology to education revolutionizes the learning experience by creating interactive and engaging digital tools for students and faculty. Digital learning environments offer personalized learning opportunities, enhanced collaboration, and the use of many online resources and learning materials. By incorporating technology into the educational process, students can develop the necessary skills for the 21st century and prepare for future success in the rapidly developing digital world. In today's digital age, the application of information technology to the educational process has become necessary to interest students. Interactive technologies provide a dynamic educational environment that ensures the interest and motivation of students.

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