THE ROLE OF TECHNOLOGY IN MODERN EDUCATION

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Abstract. *In today's rapidly changing world, technology has become an integral part of modern education. The use of **technology in schools** has revolutionized the way students learn and teachers teach. It has made education more accessible, engaging, and interactive, creating endless possibilities for both students and teachers. Through this article, I will understand the role of technology in modern education.*

Key words. *Student, innovation, self-discipline, long-term decisions, economic, effective*

Аннотация. *В современном быстро меняющемся мире технологии стали неотъемлемой частью современного образования. Использование технологий в школах произвело революцию в том, как учащиеся учатся, а учителя преподают. Оно сделало образование более доступным, интересным и интерактивным, создав безграничные возможности как для учащихся, так и для учителей. Благодаря этой статье я пойму роль технологий в современном образовании.*

Ключевые слова. *Студент, инновации, самодисциплина, долгосрочные решения, экономичность, эффективность.*

Annotatsiya. *Hozirgi tez o'zgarib borayotgan dunyoda texnologiya zamonaviy ta'limning ajralmas qismiga aylandi. Maktablarda texnologiyalardan foydalanish talabalar o'rganilgan va o'qituvchilar ta'lim berish usullarini inqilob*

qildi. Bu ta'limni yanada qulayroq, qiziqarli va interaktiv qilib, talabalar va o'qituvchilar uchun cheksiz imkoniyatlar yaratdi. Ushbu maqola orqali men zamonaviy ta'limda texnologiyaning rolini tushunaman.

Kalit so'zlar. *Talaba, innovatsiya, o'z-o'zini intizom, uzoq muddatli qarorlar, iqtisodiy, samarali*

According to the latest insights as to how exactly modern students of today prefer to use technology and how does their learning get an impact[1] if they use technology, it was revealed that the use of modern equipment technology and tools, the learning and interactivity of students increases. They also find it much more interactive, as well as full of interesting areas, when aided by technology. The transfer of knowledge becomes very easy and convenient, as well as effective. What this means is, that our minds now tend to work faster when assisted with the use of modern technology, be it any part of life, here we talk about education. The reliance and dependence of such an innovation, that simply makes life an easy, smooth journey is completely unavoidable these days even in schools, universities and colleges.[2] Students today can make use of

technology in the following ways:

Internet connection and round the clock connectivity

The internet has grown in importance by many folds, over the process of decade. Its importance in the education world can now never be undermined. Despite the chances of fraud and drawbacks, the use of the internet is like a blessing for students. Today, the internet is something that is present in almost everything we use. From television to gaming consoles, and our phones, the internet is literally everywhere. The use of the internet allows students to find amazing convenience, they can find various kinds of help, tutorials and other kinds of assisting material which could be used to academically improve and enhance their learning.

Using projectors and visuals

Visual images always have a strong appeal compared to words. Using projectors and visuals to aid in learning is another form of great technological use.

Top institutions around the world, now rely on the use of amazing PowerPoint presentations and projections in order to keep the learning interactive and interesting. Technological use such as projectors within the schools and colleges can take the interaction and interest levels right up and also improve motivation. Students like to see appealing visuals and something that entices them to think rather than just reading words. The learning part also becomes pretty efficient when it comes to technology. [3]

Digital footprint in the education sector

If we talk about digital and education, then the penetration of digital media within the education sector has now grown. This penetration has resulted in round the clock connectivity with students and different forums that are available for different kinds of assignments or help. As the power of digital increases, there are and there will be more applications that will assist students in development and learning.

Online degrees with the use of technology

Online degrees now have become a very common phenomenon. People wish to take up online courses for their learning and certifications. Top institutions offer amazing online programs with the use of various applications and the internet. This is a concept that will continue to rise as it gets more support and awareness. The online degree scenario around the world is more famous among students who work and look for flexible studying programs.

Conclusion

Digital technology in the classroom refers to various software and gadgets meant to help students with particular accessibility needs. The most effective way to reduce the number of repetitive, time-consuming duties a teacher undertake is to use technology in the classroom. Educational technology applications may save a lot of time and energy by automating or partially automating day-to-day operations like attendance tracking and performance monitoring. Students are taught how to use technology responsibly and strategically, which can help them make decisions and develop self-discipline.[5] Technology in education can help

students to prepare for lifelong learning. These technologies provide students with a virtual world and the freedom to access digital knowledge according to their learning styles. Thanks to digital content production tools that customise teaching and learning, students can study at their own pace. The digital classroom uses electronic devices and software to instruct students and incorporates technology into education. A traditional classroom is transformed into a digital classroom through computers and the Internet. Students can learn more efficiently and track their progress with the help of technology and sophisticated equipment. In the upcoming days, these technologies will successfully be implemented in education to enhance the students' digital learning environment and performance. Modern technologies have been instrumental in complicated data analysis and management to make long-term decisions in areas such as climate change, air and water security, biodiversity protection, catastrophe resilience, etc. These technologies refer to innovation that considers natural resources while also promoting economic and social growth. These aim to dramatically decrease environmental and ecological concerns while producing a long-term product. These technologies reduce degradation, pollution, and other negative environmental effects.

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