THE ROLE OF TECHNOLOGY IN EDUCATION

Xalimova Zebo
Sophomore of SAMSIFL
Scientific supervisor: **Zubaydova Nilufar**
xalimovazebo00@gmail.com
Phone number:+770161403

Abstract: technologies has significantly transformed our lives, impacting various aspects and redefining daily living. In recent years, technology has emerged through laptops smartphones, mobile phone software,websites and social networking platforms. This aim of this article is to provide a summary of the significance and use of technology in education.

Key words: integral part, education, vast repository, accessible educational resorces, lifelong learning, online platform

Introduction

In today's rapidly changing world, technologiy has become an integral part of modern education. The use of technology in school 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. They completely brought a new trend in the global education that makes it possible for people to learn from the comfort of their homes, thanks to the online professional development courses.

The word technology has been derived from Greek word "technology". The "tech" stands for art, craft, and "logy" stands for the subject of interest. The technology can be defined as a platform that can platform any task as per our needs. Addition of education with technology, it will become easy for students.in this century, in which we currently live, technology plays an important role. The mode of education was never the same, and it has changed continuously. In the beginning there were no books or notebooks, students used to learn what their teacher used to teach the class itself. After the invention of paper and pen, slowly the process moved and today we have technology in our new mode of learning. Types of technology used in education includes interactive whiteboards, educational apps, and online resources engage students with dynamic content, help better understanding. Learning management systems streamline administrative tasks , allowing educators to organize, and assess coursework efficiently. Nowadays either you have to know your syllabus or want to learn about a topic, everything is possible and avaible online. You can reach these resources with the help of various technologies. The computer and information

technology provides students and educators with easy access to a huge repository of learning material, including online textbooks, digital libraries, educational websites, and multimedia resources. This accessibility allows learners to explore a diverse range of information and perspectives. Furthermore, technology enables continuous learning beyond the confines of the traditional classroom. With increase in online courses and webinars students and teachers can engage in self-paced learning and professional development , improving a culture of lifelong learning. Also online learning systems have grown in popularity in recent years. With the emergence of the internet, accessing educational resources from anywhere in the globe has become simpler than before. Online platforms offer thousands of courses on a wide range of topics, and provide learners with access to high-quality educational content from top universities and institutions around the world. They has also revolutionized distance education, making it possiblefor learners to participate in courses and programs from anywhere in the world. Virtual classrooms, video conferencing, and online learning platforms facilitate effective distance learning experiences.

Positive impacts:

• It provides a broader range of materials that are easily accessible. This helps students acquire the knowledge and abilities they need to succed as professionals in their chosen fields.

• It aids in the improvement of learner's communication skills as well as their performance at work as well outside work. Learners who can communicate more successfully through technological means will outperform their peers academically and in the workplace because communication skills are essential when properly communicating your point of view.

• It assists students in staying current with technological advancements. Learners who can keep up with technological advancements will be able to broaden their knowledge in a variety subjects and cultivate new skills that they can use in the future.

• It assists mentees in learning new skills and gaining new knowledge. By utilizing educational technologies, learners can extend their knowledge and acquire this skills through a variety of online programs.

While some forms of technology may have made positive changes in the world, there os evidence for the negative effects of technology and its overuse, as well.

Negative impacts:

• Health issues. When used excessively, these devices can cause an array of physical and mental health issues due to increased levels of stress, lack of sleep, fatigue, eyestrain, and depression. Furthermore, research suggests that prolonged use can lead to musculoskeletal pain caused by inadequate posture while using a computer or device for extended periods.

• Not all information is valid and verified. With the increasing prevalence of online sources, such as social media and Wikipedia, it has become increasingly difficult for educators to ensure accuracy in what students are consuming.Without reliable resources, students may be misled by inaccurate data or knowledge which could lead them down a path of misguided understanding.

• Kills student creativity. As more and more schools have adopted tablets and laptops for use in the classroom, students have become increasingly dependent on digital devices for their learning needs. This will lead to the loss of creative thinking art.

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