



The Importance of Technology in Education

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Abstract: Education today faces many demands to ensure students to build their bright future. The research is evidence of the roles of technologies in teaching, learning and developing critical thinking and scientific analysis. As it seemed that there are many benefits of using technologies during lessons among learners as well as here some information is given about challenges of using technology in education. It is mentioned that this article's purpose is to inform you about the significant contributions that technology has made to education, including those of students, parents and teachers.

Key words: Education, technology, computer, teaching, method, skill, teachers, learn, tool, visual.

In every sphere, education is the most important one because it gives people the opportunity to find their own position in the future. So it includes some basic skills to survive in the world. These skills contain reading, writing proficiency and numeracy, as well as the ability to communicate and work with others. Education is important in every field for each type of job or career, and in many cases, education plays an essential role to make the difference between the ability to be able to perform a job and being unable to perform at all. Many people believe that education is necessary in life for basic survival skills. Eleanor Roosevelt famously said: "Education is essential to good citizenship and is important to life because it enables people to contribute to their community and their country". So now we should pay great attention to the quality of education. Therefore, technologies have changed some features of education. A Gallup study titled "Education Technology Use in Schools" found that about 65% of respondents said that they used digital teaching aids on a daily basis. With how quickly technology is advancing in education around the world, it cannot be ignored.



Also we cannot ignore the fact that technology is necessary for the development of the modern education system. The high-speed computers are being accepted in business, home and education areas. Educational standards and teaching methods started to integrate computers and technologies. Technology in the classroom of the twenty-first century allows for both student and teacher interaction during lessons. In particular, during online courses and educational activities, students can collaborate to solve difficulties. This is being a source to distance learning, learning tools and communication. To understand the importance of technology in education we should look at a huge number of schools, collages, universities and institutions which use computers or other technologies as a main source of teaching and learning. In view of the fact that the role of technology in education leads to increase the quality of studying.

Without the introduction of technology, it would not have been possible for teachers in this Covid-19 epidemic age to create effective learners at home. Technology also enables pupils to learn more efficiently by using online teaching resources. Here are mentioned some benefits of using technology in education.

Encourages an Efficient Educational System. Undoubtedly, since using of technologies in the classrooms, it promotes the overall development of students. During the lessons, teachers can use many technologies, such as computers, printers, projectors and so on, in order to make the lesson more accessible, exciting, colourful and enjoyable, and create a healthy educational environment. As a result of this, the interest and attention to the lesson would increase among students.

Provide Teachers More Resources. Educational technology includes a great deal of e-learning tools for teachers. It is easy to find any kind of e-version books with the help of the Internet. It can be the best opportunity to provide all necessary books among teachers. Teachers can effectively instruct students via video classes, and appealing infographics thanks to technology. Also, teachers can keep students interested by offering online quizzes and various courses.

Save Time and Money. The learner can spend less money on other resources because there are more study materials available by the help of e-learning technologies. Even now, many



schools place a greater emphasis on purchasing online study materials because they are less expensive and easier to store, so it does not require much time to find supplies. By using cutting-edge educational technologies that are available online for free, teachers may teach students more effectively and efficiently while saving time and money.

Better Understanding through Graphics. Through the use of video graphics, technology has reviewed the learning process and given humans the ability to comprehend concepts more quickly and retain them for a long period. The visual information system is the only thing that makes this possible. It is fact that people can understand the information more quickly by watching it rather than hearing or reading it. Students can maintain their interest in their academics while having fun and learning at the same time.

Challenges of Educational Technology. Together with other benefits of technology in education, somehow, we are facing challenges in creating modern educational technology in the schools. Spending a lot of time in front of the screen may lead to some health issues. For example, constant use of computers, tablets, and phones while studying could result in back discomfort, neck pain, blurred vision and other problems.

Teachers cannot control each student in online classes. This persuades people to cheat by luring them in. The most recent technology encourages pupils to cheat by exchanging test sheets, copying and pasting answers, and using Google to look up answers during an online test. Also, in some areas, the poor internet connection can be one of the challenges of education technology.

In the modern world, technology is necessary in every aspect of our everyday lives and connects us all. For students with special needs, technology use has been a practice for a very long time. By incorporating technology into the classroom, educators hope to bring about pedagogical change and address key problems that special needs students face. So why not use technology into teaching? That is, technology turns into an essential component of the learning experience and an important issue for educators, from the start of making the learning experience ready to the process of learning and instruction (Altun and Khurshid Ahmad, 2021). The only tool that contributes to the system`s improvement in multiple ways is technology. Technology significantly affects education, from teachers to students.



Education has become more adaptable and perceptive with the help of modern technology in teaching. Personalized learning materials, more interesting information, better visual comprehension, and chances for advanced learning have all been made possible by a variety of technology-driven educational technologies. It is the evidence of that through the use of technology, one can improve education and learning and provide new aspects of the same (Patil, 2020).

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