

# Positive and Negative Effects of Technology on Education

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**Abstract:** Technology is a godly gift. It's conceivably the topmost of God's gifts, after the gift of life. It's the cradle of societies, trades, and lores. Technology has really altered the way we live. It has told colorful aspects of life and readdressed living. Without mistrustfulness, it plays an important part in all aspects of life. Several homemade tasks can now be automated thanks to technological advancements. Likewise, with the backing of ultramodern technology, numerous complex and critical processes can be carried out with lesser ease and effectiveness. Living has changed for the better as a result of the operation of technology. Education has been converted by technological advancements. By the use of this technology has made the process of tutoring and learning all the more pleasurable

**Keywords:** Education, modern technology, teaching.

## Introduction

The twenty-first century is constantly regarded as a technological period. It's regarded as the foundation of an frugality's growth. In moment's world, a frugality that lacks technology will now days be suitable to grow. This is due to the fact that technology makes our jobs much easier and lower time consuming. The impact of technology can be felt in any field, one of which is education.

### Smart Technology in Education:

According to the most recent findings regarding how modern students of today prefer to use technology and how technology affects their learning, it was discovered that the use of modern equipment technology and tools increases student learning and interactivity. When technology is used, they find it much more interactive and full of interesting areas. Knowledge transfer becomes very simple, convenient, and effective. What this means is that our minds now tend to work faster when assisted by modern technology in any aspect of life, including education. The reliance and reliance on such an innovation, which simply makes life easier and smoother

### Internet connection:

Over the last decade, the internet has grown in importance by orders of magnitude. Its significance in the world of education can no longer be overstated. Despite the risks of fraud and other drawbacks, the internet is a boon to students. Nowadays, the internet is present in almost everything we use. The internet is literally everywhere, from television to gaming consoles to our phones. Students can find information using the internet.

### **Using projectors and visuals**

When compared to words, visual images always have a stronger appeal. Another excellent application of technology is the use of projectors and visuals to aid in learning. Top institutions all over the world are now relying on amazing PowerPoint presentations and projections to keep learning interactive and interesting. Using technology such as projectors in schools and colleges can increase interaction and interest while also improving motivation. Students prefer appealing visuals and content that encourages them to think rather than simply reading words. When it comes to technology, the learning process becomes even more efficient.

### **Digital footprint in the education sector**

When it comes to digital and education, the penetration of digital media in the education sector has increased. This penetration has resulted in 24 hour connectivity with students and various forums that are available for various types of assignments or help. As the power of digital grows, there are and will be more applications to aid students in their development and learning

### **Online degrees:**

Online degrees are now a very common occurrence. People want to take online courses for education and certification. Top institutions provide incredible online program that make use of various applications and the internet. This is a concept that will gain traction as more people support and become aware of it. The online degree scenario is becoming increasingly popular among students who work and seek flexible study options around the world.

### **Valuable of technology in education**

Technology plays four roles in education: it is included as part of the curriculum, as an instructional delivery system, as a means of assisting instructions, and as a tool to enhance the entire learning process. Education has evolved from passive and reactive to interactive and aggressive as a result of technological advancements.

In both corporate and academic settings, education is critical. Education or training is used in the former to help workers do things differently than they did before. In the latter, education is geared toward instilling curiosity in students' minds. In either case, the use of technology can improve students' understanding and retention of concepts.

### **Factors affecting technology in education**

Ultramodern technologies bear that preceptors learn how to use these technologies in their classrooms. As a result, these new technologies increase the training conditions

Also the most commonly barriers are:

- Shortage of time;
- Shortage of access;
- Shortage of resources;
- Shortage of Expertise.

Butler and Seldom (2002) and Chizmar and Williams (2001) both mention reliability as a barrier. Hardware failures, incompatible software between home and school, poor or slow internet connectivity, and out-of-date software that is mostly available at school while students/educators have more up-to-date software at home were all issues with reliability.

### **Impact of ICT on education**

ICT has the potential to increase access to education while also improving its relevance and quality in the educational context. Tinio (2002) asserted that ICT has a significant impact on education in terms of knowledge acquisition and absorption for both teachers and students by promoting:

**Active learning:** ICT tools aid in the calculation and analysis of information obtained for examinations, as well as the computerization and accessibility of students' performance reports. In contrast to memorization or rote learning, ICT promotes learner engagement by allowing students to choose what they want to learn at their own pace and work on real-world problems.

**Collaborative and Cooperative learning:**

ICT encourages interaction and cooperation among students and teachers regardless of distance. It also gives students the opportunity to work with people from various cultures.

Experimenters have set up that generally the use of ICT leads to further cooperation among learners within and beyond academy.

**Creative Learning:** ICT encourages the manipulation of existing information as well as the creation of one's own knowledge in order to produce a tangible product or a specific instructional purpose.

**Integrative learning:** ICT promotes an integrative approach to teaching and learning by removing the synthetic separation between theory and practice, as opposed to the traditional classroom, where emphasis is placed on only one aspect.

**Evaluative learning:** ICT for learning is student-centered and provides useful feedback via a variety of interactive features. Instead of students doing memorization and rote learning, ICT allows them to discover and learn through new ways of teaching and learning that are supported by constructivist theories of learning.

**Positive Effect****Enhanced Teaching and Learning:**

Technological advancements such as digital cameras, projectors, mind training software, computers, Power Point presentations, and 3D visualization tools have all become excellent resources for teachers to assist students in easily grasping a concept. It must be understood that visual explanations of concepts make learning enjoyable and fun for students. They are able to participate more in class, and teachers are given the opportunity to make their classes more interactive and interesting.

**Globalization:**

When students attend school in different parts of the state, they can "meet" their counterparts via video conferencing without leaving the classroom..

**No Geographical Limitations:**

With the introduction of online degree programs there is hardly any need of being present physically in the classroom. Even several foreign universities have started online degree courses that student can join.

Distance learning and online education have become very important part of the education system now a day.

**Negative Effect:**

Due to the excessive usage of online chatting and shortcuts, the writing skills of today's young generation have declined quite tremendously.

Children currently are so reliant on digital communication that they've fully forgotten about honing their jotting chops. They do not know how to spell different words, use proper alphabet, or write in cursive. Adding Incidents of Cheating. Technological developments like graphical calculators, high tech watches, mini cameras and analogous outfit have come great sources to cheat in examinations. Scholars can write formulas and notes on graphing calculators with smaller chances of being caught.

**Lack of Attention:**

SMS (text messaging) has become a popular pastime among many students. Students can be seen playing with their cell phones or I Phones at all hours of the day and night, as well as while driving and, very often, in between lectures.

Being constantly connected to the online world has resulted in a lack of focus and concentration in academics and, to a lesser extent, sports and extracurricular activities.

**Advantages**

It makes students more excited to learn.

Help students with busy schedules, freedom to work at home on their own time.

Train students to learn new technology skills they can use later in the work place.

Decrease paper and photocopying costs, promoting concept of “green revolution”.

Some students can't afford modern computer technologies.

**Conclusion**

Technology has a positive impact on education and at the same time may also pose negative goods. Preceptors and scholars should take advantage of this in the good light and exclude the downsides which are pulling back numerous of scholars as well as seminaries from achieving excellence. It's therefore time for every country to introduce a more technologically equipped education sector in the future

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