

# Effects the Modern Technology in Education

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## ABSTRACT

Technology is a gift of God. Probably it is the best gift after we receive our life as a gift. It is the mother of civilization, art and science. Technology obviously changes our life style. It has affected many aspects of life and it has redefined our life. Undoubtedly technology plays an important role in every aspects of life. Manual tasks can be automated for blessings of technology. Beside this, with the help of modern technology, many complex processes can be completed easily and with more efficiency. The way of life has changed because of technology. Technology revolutionized in the field of education. Importance of technology can't be denied in school. Actually in the field of education, with the introduction of computer providing knowledge for teachers and it has become easier for students to achieve it. Use of technology makes fun the process of providing knowledge and learning.

**Key Word:-** Technology, Modern, Education, School, Student.

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## INTRODUCTION

21 century is often considered as the age of technology. Technology plays a very important role in our life. It is seen as the basis of economic growth. An economy which is technologically weak that cannot be developed in today's situation. Because technology is makes our work easy and takes less time. We can feel the lack of technology in every possible way like the field of education.

### **Modern technology in education:-**

According to latest insight in today's time how modern students prefer to use technology and how it affects in their learning, it was published that the modern equipment technology and use of modern tools enhance students 'learning and interactivity. With the help of technology they think it as more interactive and as well as more interesting area also. Knowledge transfer becomes very easy, favourable and as well as more effective also. It means that with the help of modern technology our minds tend to work fast now, be it any part of life. We say about education here. Depending on such an innovation, which makes our life easy and smooth, as well as school and college. Today students can use technology in the following way-

### ***Internet connection and constant connection***

In the process of education value of internet has increased manifold. The world of education cannot be undervalued. Despite the potential for fraud and error internet is a blessing for students. Today, internet is something that we use for everything. From televisions to gaming consoles, and our phones, the Internet is everywhere.

### ***Use of projectors and visuals***

Visual images always have a stronger appeal than words. Another form of great technology use is using projectors and visuals for learning. The world's leading institutions now depend on the use of amazing PowerPoint presentations and projections to keep learning interactive and attractive. Using technology like projectors can improve interaction and interest levels. Students like to see interesting visuals and things that make them think rather than just reading words.

### ***Digital walk in education sector***

If we talk about education and digital then in the field of education the entrance of social media has increased. For this entrance the connection between students and various forums has increased that are available for various assignment or for students 'help. Beside the growth of digital power there are many applications that help students to develop and to learn.

### ***Online degrees using technology***

Online degree becomes very normal. People use online degrees to learn and for satisfaction. Top institutes offer amazing online programmes using various applications and internet. It is such an idea that will continue to grow after gaining more support and awareness. The scene of online degrees is more popular among those who work and look flexible study programmes around the world.

### **Importance of technology in education**

The role of technology in education is quadruple. It is used as a part of curriculum, instructional delivery system, a means of helping instructions, a tool to improve the entire learning process. For the technology education has become interactive and aggressive from passive and reactive.

Education is essential in corporate and academic settings. Previously, education or training was used to help employees to work differently than before. Subsequently, education is directed towards creating curiosity in the minds of students. Use of technology helps students to understand better and to keep it in their brain.

### **Reason of influencing technology in education**

Jung talks about the huge challenges teachers face due to the rapid spread of knowledge in our society. Modern technologies are demanding teachers to learn of using technologies in their teaching. So this new technology increases the need of training of teachers.

Greysard and Lloyd emphasized that teachers' attitude towards computer is the main reason of successful implementation of ICT in education. They marked that teachers do not showing positive attitude towards computer and their poor attitude can be the cause of failure of computer based projects.

### ***Also the most cited barriers are:***

- Lack of time
- Lack of access
- Lack of fund
- Lack of skill and support

Butler and Selbaum(2002) and Chizmar& Williams (2001) gave another barrier , reliability. Reliability includes failure of hardware, incompatible software in home and school, weak or slow internet, and old software which is available in most of the school when more updated software is available in teachers' or students' home.

### **Impact of ICT on Education**

In the educational context, ICT has the potentiality to improve its relevance and quality. Tini also emphasized that ICT has an extraordinary impact on education in terms of knowledge acquisition and absorption by both teachers and students by promoting learning.

### ***Active learning:***

Tools of ICT helps in calculation and analysis of data obtained from examination and also the reports of students ' contribution are all being computerized and in the time of searching it becomes available easily. Unlike memorization based or rote learning, the students of ICT promotes engagement because students choose what to learn at their own motion and they deal with problems of real life situation.

### ***Collaborative learning:***

ICT encourages the interaction between students and teachers and collaboration between them. It helps the students to work people with different cultures and it gives students opportunity to work together in groups also. So it helps the students to grow communication skill as well as global awareness. Researchers have found that use of ICT directs the students to be more collaborate inside and outside of the school. A more interesting relationship exists between teachers and students. Grégoire et al, (1996), " Collaboration is interaction and a philosophy of private life style in which peoples are responsible for their actions which includes the learning the skill of colleagues and showing the respect."(Panitz, 1996)

***Creative learning:***

ICT promotes the manipulation of existing information and builds own knowledge.

***Integrative learning:***

Unlike the traditional classroom, ICT erased the synthetic discontinuity between information and practice and promotes a combined process for teaching and learning.

***Evaluative learning:***

Use of ICT is student-centred. ICT gives opportunity to the students to discover and learn new ways of teaching.

**Positive effects:**

***1. Advanced teaching and learning:***

Tools like Digital camera, projector, mind training software, computer, power point presentation, 3D visualisation etc. Help the students to create an idea. For this they become a good source for teachers.

It is to be understood that visual analysis makes learning fun and enjoyable for students. They are able to participate more in classroom and even teachers also get opportunity to make their class more interactive and attractive.

***2. Globalization:***

Students of different parts of state can meet by video conference without any class room with their opponents. Some sites like [www.glovico.com](http://www.glovico.com) are used to help to learn another language from teacher of another country.

***3. Geographical restrictions:***

There is little need to be present physically in the classroom after the introduction of online degree programmes. Even many foreign universities have started online degree courses in which any student can join.

Distance learning and online learning have become more important part.

**Negative impact:-**

Because of online chatting, and excessive use shortcut the writing skill of young generation has decreased.

Today, children are depending more and more on digital communication that they have completely forgotten about improving their writing skill. They don't know spelling of different words and how to use grammar properly.

Technical developments like Graphical calculator, high tech watch, mini camera and such tools have become great source of cheating in examination

SMS or text messaging has become a favourite amusement for students. They are often seen playing with their cell phone or iPhone in their driving and even in lectures. Because of continuous connection with online world the lack of focus has been found in some academic, even some game and some extracurricular activities.

**Advantages:**

1. It makes the students excited to learn.
2. It helps the students in their busy schedule, gives independence to work in home in their leisure.
3. Give training of new technology to the students which they can use in their work place.
4. Reduce the expenses of paper and photocopy by using the idea of 'Green Revolution '

**Disadvantage:-**

Many experts and experienced people have said that, use of such technology in education affects the imagination of students.

Such technology is expensive to install.

Too much use can be cause of health problems.

**CONCLUSION**



Technology creates both positive and negative effects. Teachers and students should use it as a good perspective and erase these faults which are the reason of failure of many students. Thus this is the high time for every country to introduce a more technologically equipped education sector in the future.

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