



## **Impact of modern technology on education**

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### **Abstract**

Technology has changed education. It has given an access to education. Today, massive amount is available at one click. The scope of technology has given unprecedented learning opportunities to the users. There is more collaboration with the advent of new technology. What could not be dreamt of in the past, has become a reality today. The role of the teacher is the primary source of information has changed to that of a facilitator with the education becoming learner-centered. Technology has redefined living technology has made the critical processes more easy. The living has changed. With the onset of digital technology in education, the field of education has revolutionized. In fact, it has made the sharing of knowledge more easy, quick and the process of teaching and learning more impactful and enjoyable.

**Keywords:** education, Technology, changed, modern

### **Introduction**

The 21<sup>st</sup> century is often considered to be the era of technology. Technology has acquired an important place in our lives. The importance of technology cannot be denied an economy that is poor in technology will face difficulty in today's world. Technology has made our work easier and less time consuming

### **Modern technology in Education**

It is now a proven fact that modern students of today use technology. If the learning is to be made fun and more interactive then technology has to be introduced in teaching. Students find teaching more interactive when it is aided by technological gadgets when education is assisted with technology our minds work faster and the process of knowledge transfer becomes convenient and easy. The use of technology is unavoidable today in schools, colleges and universities. There are a few ways in which we can use technology for imparting education

### **Internet**

Over the decade the importance of internet has grown and in fact it has now become unimaginable to give education without using internet facility. It is like a blessing for students. This innovation has made our life smooth and easy. Today the internet is spreads everywhere in our lives, from television to our phones it is everywhere. The internet can help students in finding tutorials, learning apps, learning material which they could use to improve academically and make learning more enjoyable.

### **Projector and Visual-Aids**

The use of projectors and powerpoint presentations is being used in top institutions, around the world to make learning interactive and interesting. This can make a great contribution in making the learning levels high as visual images have a strong appeal. Using Visual Aids in learning can motivate the students. Students always prefer watching

something rather than reading. Visual images are always more appealing and entices the students to be more creative and think.

### **Digital Education**

The advent of digital media in education has now grown considerably. This has resulted in motivating the students and teachers to use various digital platforms to stay connected with each other. As the usage and demand for digital assistance increases there will be development in more learning applications that will help the students learn better and faster.

### **Online Classes**

With the COVID-19 pandemic almost all the institutions schools and colleges have started online classes to continue teaching and learning. We have to now devise ways and means to make the digital learning more effective, thereby adapting new skills. Some universities have even started offering online courses using the online platform

### **Online Degrees**

It is really difficult for a person who is working to enroll in a regular course. But how online degrees can also be earned. This is a new concept which is gaining popularity fast as top institutions offer online programmes with the use of internet. These portals like MOOCs and NPTEL are offering online courses and giving e-certificate on successful completion.

### **Positive impact of modern technology**

The use of modern technology has a positive impact on the acquisition of knowledge by both teachers and the students.

### **Active and enhanced Teaching Learning**

Digital camera, powerpoint presentations, 3 D visualizations all these technological developments have helped the students to understand the concepts easily and at the same

time act as a great source for teachers. Students participate more in the classroom activities and the teachers also get a chance to be more creative and make their classes more interesting and interactive

Absence of geographical boundaries

In this era of globalization students can meet virtually through different apps and video conferencing with the new concept of online degree programmes there is no need of being physically present in the virtual classrooms. In fact distance education and online learning have become very popular in the education sector.

### **Collaborative and team learning**

Modern technology motivates and encourages cooperation and team spirit in students and teachers creating friendships beyond boundaries and provides a fair chance to work with different people from different cultures and promotes group learning.

### **Effect on Learning**

It eliminates the traditional style of classroom teaching and promotes the creation of instructional purposes for student-centered learning. It promotes learning through constructivist approaches rather than memorization and rote learning thereby encouraging new methods of teaching

### **Negative Impact of Modern Technology**

#### **Decline in Writing Skills of Students**

The students today are in a relaxed mood due to improved digital communications and are not keen on writing or improving their spelling skills or cursive writing. Due to excessive use of online shortcuts writing skills of today's youth have declined considerably.

#### **Rise in Cheating**

As the technology advances there is an increase in the numbers of cases cheating in examinations. The students find it easier to carry smart watches and graphic calculators with less chances of being caught.

#### **Lack of Concentration**

Students are continuously stuck to social media and it has become a bad habit. The continuous drive to check messages chat and play games in between classes have resulted in poor concentration levels in students which has negative impact on their academic achievement. The students have also lesser interest in games, sports and co-curricular activities due to the ever-connected online world.

### **Conclusion**

Every technological invention has positive impact as well as a negative impact

Today education is using modern technology in every field. In today's world education is creating curiosity in the minds of students. It has helped students understand and retain concepts better and train them to do things differently. It depends on the individual to make optimum use of the modern technological equipments and make teaching-learning a pleasant experience

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