

IMPACT OF MODERN TECHNOLOGY ON EDUCATION: A THEORETICAL REVIEW

Ms. Khushboo¹

¹Assistant Professor, Department of English, Baba Farid College, Bathinda, (India)

ABSTRACT

Technology has an important place in every field of Life. Many complicated tasks can be completed easily with the help of technology. Youth spend most of their time while using Internet, Cell phones, Video games etc. Technology has also brought a revolution in the field of Education. In this era of modern technology students can easily understand the importance of their academic curriculum and find the solutions of educational problems and can manage their education activities in a better way. In fact the process of teaching and learning has become more enjoyable as a result of technology. This research paper is an attempt to study impact of modern technology on education.

Keyword: Modern Technology, Education, Class room

Introduction

Today technology has become an essential part of human life. Now the growth of economy can not be imagined without technology. Our lives has been changed by technology in numerous ways Thus, the impact of education can also be seen in the field of education. The internet provides an unlimited opportunities to learners to find information such as necessary books, encyclopedic information, scientific articles, documentary videos etc. Technology is a major tool to connect with younger generation. The purpose of technology is to introduce students to the worlds of Concepts that they did not know about yet. Today students have computer to help them with their academic curriculum. Teachers also have awareness about use of modern technology to enhance the impact of their lectures.

Objective of the Study

The word technology has derived from the Greek words “**Techne**” which means “ **Craft**” and “**Logy**” means “**Scientific study of**”. Therefore technology means scientific study of Craft. Here the meaning of craft is ‘**Invention**’. The main aim of the paper is to study the impact of modern technology on education.

Impact of Modern Technology on Education in India: Positive Aspect

- ❖ **Imparts Practical and relevant Knowledge:** One of the objectives of Education is to make students enable to attain practical knowledge .Thus modern technology provides opportunities to the students to understands the things in a better way. For example they can learn about planets by using interactive apps such as you tube instead of looking at a picture.
- ❖ **Additional Information:** It is very difficult for a teacher to cover every aspect of the topic that is being taught in the classroom. Thus, the students can get more information about the topics related to their academic curriculum with the help of internet and websites. The Internet is an effective tool to gain knowledge. Web users have to enter only information into search engines that they desire to acquire. There are many websites and web directories that provide information on variety of topics.
- ❖ **Improved Interaction:** Now a days, students can also create their whats app groups, web pages etc. Thus, they can share their queries, concerns related to their academics with their teachers. The teachers are also making use of technical aids to remain in touch with learners. They can use emails, Microsoft teams and another softwares’ to upload or to share contents .This interaction is also beneficial to improve mutual relationship of teachers and Students.
- ❖ **Teacher acts as a facilitator:** Today the role of teacher has also changed. The meaning of education is not to provide overloaded information to the students Now the teachers have started to act as facilitator with the help of technology .They want their students to become self dependent , problem solver ,decision maker and critical thinkers.

- ❖ **Beneficial to students with special needs:** It is observed that all students do not have similar learning capabilities. Some students can learn a difficult point within a second while others can not understand it easily. Thus weak students can take the advantage of educational mobile applications to understand the complicated topics easily while sitting at home. Thus modern technology has widen the area of education, a student can learn anything anywhere. Modern technology has been finding numerous ways to reduce the gap between students with special needs and regular students
- ❖ **Helpful to needy Students:** In previous time, students having financial problems were unable to fulfill their dream as they could not afford coaching classes. But now a large variety of educational channels such as Wi-Fi Study, Study IQ, Study Circle ,educational websites are available on you Internet. Students can prepare for their competitive Exams by using Internet. Thus modern technology is a boon for needy students
- ❖ **Digitalized Assessment:** The process of assessment in most of the institutions is also digitalized. Learners can join test series to improve their skills and can get their results instantly. It is beneficial for the students who are pursuing distance learning or education. Thus now the assessment process has become impartial and flexible.
- ❖ **E-Books:** Learners can have access to E-books as well as E-libraries with the help of modern technology. These libraries are flexible and virtual. Learners can deepen their knowledge or can complete their projects , research works by visiting these libraries. Thus modern technology provides a common platform where publisher and reader can discover each other.
- ❖ **Effective impact on learners:** The main purpose of education is to make classrooms interactive. It does not favour passive learners in classrooms. Some students find classroom learning boring and unattractive. Digital aids are beneficial to persuade such learners as these aids offer an effective blend of fun and learning.
- ❖ **Educational Games:-** The games provide a huge range of information that enables students to become problem solvers. Games can be addictive but these can be proved beneficial when these are played under proper guidance. The students of lower classes

can learn basics of spelling, counting and early educational lessons through computer games.

- ❖ **Web Seminars:** Web seminars play a definite role to enhance the knowledge of learners. But every school does not have enough resource and budget to provide its students field trips related to academic curriculum. But with the use of technology students can attend web seminars organized by other educational institutions. For example NASA provides a program that allows students to talk to astronauts in space.
- ❖ **No Geographical Limits:** Now citizens of different countries can share their thoughts, feelings, inventions with no limits. The internet has become the most popular and convenient tool for communication. The learning process has become more easier and accessible to citizens of developing countries. With the help of technology the students of different states and countries can interact with one another through video conferencing.
- ❖ **Smart Classroom:** Smart boards have also been contributing to enhance our teaching skills. The advanced smart boards enable teachers to present limitless information to students in an organized way. Smart notebook software is also attached with smart boards that enable users to combine images, notes can be projected.

Impact of Modern Technology on Education in India: Negative Impact

- ❖ **Distraction of Mind:** One of the negative effects of modern technology is the distraction that it causes among the learners. Social network sites and games tempt learners. Students used to spend most of their time on social networking sites such as Facebook, Youtube, Instagram, WhatsApp etc. This temptation can hamper the overall progress and potential of learners.
- ❖ **Technology Overloaded:** It is said that excess of everything is bad. Technology can be overused by the learners in the classroom. This overuse is responsible for creating negative effects on learning experience. Now a days incidents of plagiarism for assignments and research works can be seen. Under the influence of social networking sites learners have developed the habits of using

language incorrectly. For instance students have started to use 'U' in place of 'You', 'Coz in place of 'Because'.

- ❖ **Negative effect on Education:** As students have cell phones in the classroom they don't have interest in what is being taught. They are busy in playing games or visiting social networking sites instead of listening to teachers. Some students think that everything is available on internet. They can understand the concepts without the help of teachers. They are unable to see the negative side of their misconception.
- ❖ **Physical Effects:** Learners spend most of their time while using Laptop, Tablets, or PC. They don't have time to do physical exercise. As a result diseases like headache, back pain poor eyesight, bad body posture etc are increasing day by day. The idea of dancing with I-pod seems to be cool but it is harmful to ears and can cause hearing loss
- ❖ **Addiction to technology:** Today people have become addicted to the use of technology. This addiction has disturbed the health as well as social life of human beings. Nowadays people have thousand friends on social networking sites. But they don't have time to interact with their family members. The overuse of internet and technology has introduced a new type of Stress called The Chronic Smartphone Stress. When a person does not get attention on social networking sites he feels inferior or stressed. Anticipation of mails, notifications of messages, social comparison and many other factors have contributing to create depressive behavior.
- ❖ **Degradation of Humanity:** No doubt technology has brought a revolution in every sphere of life. But at the same time it is responsible for the degradation of humanity. People have become self centered. Human workers are given the least importance. Today we give more importance to our social networking sites than our sweet homes. People also have started to live dual life with the use of Internet. They have developed the habit to pretension.
- ❖ **Rise in Crime:** Some countries make use of technology to keep an eye on other countries' activities. It gives birth to political tension among various countries. With the use of technology the cyber crimes such as hacking, cyber stalking, cyber terrorism, warfare, identity theft have also increased. A practical example of

BlueWhale game can be cited here. This game is accountable for the death of several innocents.

Suggestions

Technology is surely helpful for our Business, Education, Health, Agriculture pattern etc. It is good to make use of new technology to make human life easier. But the negative effects of technology can not be ignored. We don't have control on our Government. But we can save ourselves from the negative effect of Technology. Some suggestions are given below to reduce the negative effects of technology.

- ❖ It is said the Prevention is better than cure. Don't allow the technology to rule upon your life. If you get restless when your Wi-Fi network is not available then it is the right moment to improve your behavior. Otherwise your behavior will become impulsive.

It will not be easy in the beginning one can take the help of de-addiction Centers

- ❖ We know that Google is helpful to information within seconds. But God has gifted us with brain. We should use it at first to find solutions of problems. If we feel unable to find then we should take the help of Internet. It will increase our creativity.
- ❖ We should schedule our time to check emails and other notifications. Set strict rules to check our mobile phone twice a day or not checking phone after 9 pm. We should not keep our tab always open to reply messages instantly. It is observed that checking mails or other notifications constantly can create stress.
- ❖ It is suggested to the students that they should keep their mobile phone on silent mode or should turn their notification off. It will enable the students to focus on their studies. Otherwise they will not be able to manage their time for study.
- ❖ It is responsibility of teachers and parents to make children awareness about the negative effects of technology on their lives. This awareness will be helpful for the children to use the technology in a fruitful way.

Conclusion

Thus, Technology is changing the world at a rapid speed. It has become an important factor for the existence and development of human life. It allows learners to engage in various

activities . They can enhance their knowledge by collaborating with people of all over Globe. Technology does not have only positive outcomes but also have negative effects. We should not allow ourselves to become slave to technology.

Reference

<https://www.thetechvocate.org/7-ways-technology-impacting-modern-education/>

<https://www.thetechvocate.org/7-ways-technology-impacting-modern-education/>

<http://www.itbriefcase.net/the-influence-of-modern-technologies-on-education>

<https://smallbusiness.chron.com/five-positive-effects-technology-education-31222.html>

<https://blog.wps.com/five-positive-effects-of-technology-on-education/>

<https://www.techfeed.com/internet/positive-impact-technology-education/>

<https://www.assignmentexpert.com/blog/negative-impact-of-technology-on-learning/>

<https://www.livestrong.com/article/1002627-technology-affecting-teens-education-negatively/>

<https://www.themilfordmessenger.com/uncategorized/2013/04/24/technology-positive-and-negative-effects-on-education/>

<https://kidslox.com/blog/top-5-negative-effects-of-technology-you-even-dont-suspect/>

<https://www.aha-now.com/negative-effects-of-technology/>

<https://designcoral.com/article/ways-to-prevent-the-negative-effects-of-technology-for-a-stress-free-life/>