

A CONCEPTUAL STUDY ON TECHNOLOGY AFFECT THE TEACHING AND LEARNING PROCESS IN INDIA

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ABSTRACT

Education is something that was once not accessible in specific pieces of the world. Indeed, even in nations where there was education, there were as yet numerous issues with getting it to the overall population. There are numerous advances in technology that have helped education to turn out to be more promptly accessible than it used to be. Innovations, for example, the online study hall have improved education in a noteworthy manner and it is developing the world over consistently. Understanding the manners in which technology has assisted with education and the genuine effect this made will assist you with seeing how indispensable technology has become in the education world.

INTRODUCTION

As technology develops, there are numerous ways that it tends to be applied to various things. Education is the same. There are numerous innovative advances that have changed the universe of education in the 21st century. Thinking about these headways and the effect they have on education around the globe can will show exactly how fundamental technology is to education. These diverse technology utilizes in the study hall vastly affect the general education of students around the globe which will be appeared.

MODERN TECHNOLOGY IN EDUCATION

As per the most recent bits of knowledge with respect to how precisely current students of today want to utilize technology and how does their learning get an effect in the event that they use technology, it was uncovered that the utilization of present day hardware technology and apparatuses, the learning and intuitiveness of students increments. They additionally think that its significantly more intelligent, just as brimming with intriguing regions, when helped by technology. The exchange of information turns out to be exceptionally simple and advantageous, just as successful. This means, our psyches presently will in general work quicker when helped with the utilization of current technology, be it any piece of life, here we talk about education. The dependence and reliance of such a development, that basically makes life a

simple, smooth excursion is totally unavoidable nowadays even in schools, colleges and universities. Students today can utilize technology in the accompanying manners:

Internet connection and round the clock connectivity

The web has developed in significance by numerous folds, over the procedure of decade. Its significance in the education world can now never be sabotaged. In spite of the odds of misrepresentation and downsides, the utilization of the web resembles a gift for students. Today, the web is something that is available in nearly all that we use. From TV to gaming comforts, and our telephones, the web is truly all over. The utilization of the web permits students to discover astonishing comfort, they can discover different sorts of help, instructional exercises and different sorts of helping material which could be utilized to scholastically improve and upgrade their learning.

Using projectors and visuals

Visual pictures consistently have a solid intrigue contrasted with words. Utilizing projectors and visuals to help in learning is another type of extraordinary mechanical use. Top establishments around the globe, presently depend on the utilization of astonishing PowerPoint introductions and projections so as to keep the learning intelligent and fascinating. Innovative utilize, for example, projectors inside the schools and universities can take the association and intrigue levels straight up and furthermore improve inspiration. Students like to see engaging visuals and something that lures them to think as opposed to simply understanding words. The adapting part likewise turns out to be entirely effective with regards to technology.

Digital footprint in the education sector

On the off chance that we talk about advanced and education, at that point the entrance of computerized media inside the education division has now developed. This infiltration has come about in nonstop availability with students and various gatherings that are accessible for various types of assignments or help. As the intensity of advanced builds, there are and there will be more applications that will help students being developed and learning.

Online degrees with the use of technology

Online degrees currently have become an extremely basic marvel. Individuals wish to take up online courses for their learning and affirmations. Top organizations offer stunning on the web programs with the utilization of different applications and the web. This is an idea that will keep on ascending as it gets

more help and mindfulness. The online degree situation around the globe is increasingly popular among students who work and search for adaptable contemplating programs.

IMPORTANCE OF TECHNOLOGY IN EDUCATION

The job of technology in the field of education is fourfold: it is incorporated as a piece of the educational program, as an instructional conveyance framework, as a methods for helping guidelines and furthermore as an apparatus to upgrade the whole learning process. Because of technology; education has gone from aloof and receptive to intelligent and forceful.

Education is fundamental in corporate and scholastic settings. In the previous, education or preparing is utilized to assist laborers with doing things another way than they did previously. In the last mentioned; education is equipped towards making interest in the brains of students. In either case, the utilization of technology can assist students with comprehension and hold ideas better.

FACTORS AFFECTING TECHNOLOGY IN EDUCATION

I. Jung discusses the gigantic test teachers are looking in our general public because of the fast extension of information. The cutting edge advancements are requesting that teachers figure out how to utilize these innovations in their educating. Thus these new innovations increment the teachers' preparation needs. Gressard and Loyd (1985) stated that educator's perspectives toward PCs are a key factor in the fruitful usage of ICT in education. They brought up that teachers don't generally have inspirational mentalities towards PCs and their helpless perspectives may prompt a disappointment of the PC based ventures.

Likewise the most generally referred to obstructions are:

- lack of time;
- lack of access;
- lack of resources;
- lack of expertise and
- lack of support.

Another boundary given by Butler and Sellbom (2002) and Chizmar and Williams (2001) is dependability. Unwavering quality included equipment disappointments, incongruent programming among home and school, poor or moderate web availability and outdated programming which are accessible generally at school while the students/instructors are having more forward-thinking programming at home.

Impact of ICT on education

In educational setting, ICT can possibly expand access to education and improve its importance and quality. Tinio (2002) attested that ICT tremendously affects education as far as securing and retention of information to the two teachers and students through the advancement of:

- Active learning: ICT instruments help for the estimation and investigation of data got for assessment and additionally students' presentation report are on the whole being mechanized and made effectively accessible for request. Rather than remembrance based or repetition learning, ICT advances student commitment as students pick what to realize at their own pace and work on genuine circumstances' issues.
- Collaborative and Cooperative learning: ICT supports communication and participation among students, teachers paying little heed to separate which is between them. It additionally furnishes students the opportunity to work with individuals from various societies and cooperating in gatherings, thus help students to upgrade their informative aptitudes just as their worldwide mindfulness. Specialists have discovered that commonly the utilization of ICT prompts more participation among students inside and past school and there exists an increasingly interactive connection among students and teachers (Grégoire et al., 1996). "Cooperation is a way of thinking of association and individual way of life where people are liable for their activities, including learning and regard the capacities and commitments of their friends." (Panitz, 1996).
- Creative Learning: ICT advances the control of existing data and to make one's own insight to deliver an unmistakable item or a given instructional reason.
- Integrative learning: ICT elevates an integrative way to deal with instructing and learning, by taking out the manufactured partition among hypothesis and practice not at all like in the customary study hall where accentuation encases only a specific viewpoint.
- Evaluative learning: Use of ICT for learning is understudy focused and gives valuable criticism through different interactive highlights. ICT permit students to find and learn through better approaches for educating and learning which are supported by constructivist hypotheses of learning as opposed to students do remembrance and repetition learning.

Positive impact

1. Enhanced Teaching and Learning:

- Technological advancements like computerized cameras, projectors, mind preparing programming, PCs, Power point introductions, 3D representation instruments; all these have become incredible hotspots for teachers to assist students with getting a handle on an idea without any problem.

- It must be comprehended that visual clarification of ideas makes learning fun and charming for students. They're ready to take an interest more in the homeroom and even teachers get an opportunity to make their classes increasingly interactive and intriguing.

2. Globalization:

- When school in various pieces of the state, students can "meet" their partners through video conferencing without leaving the study hall.
- Some destinations, for example, www.glovico.com are utilized to assist students with learning unknown dialects online by matching a gathering of students with an instructor from another nation.

3. No Geographical Limitations:

- With the presentation of online degree programs there is not really any need of being available truly in the study hall. Indeed, even a few outside colleges have begun online degree courses that understudy can join.
- Distance learning and online education have become significant piece of the education framework now daily.

Negative impact

1. Declining Writing Skills:

- Due to the over the top use of web based talking and alternate ways, the composing abilities of the present youthful age have declined enormously.
- These days, youngsters are depending increasingly more on computerized correspondence that they have completely overlooked improving their composing abilities.
- They don't have a clue about the spelling of various words, how to utilize language appropriately or how to do cursive composition.

2. Increasing Incidents of Cheating:

- Technological advancements like graphical number crunchers, cutting edge watches, smaller than normal cameras and comparative gear have become extraordinary sources to cheat in tests.
- It is simpler for students to compose recipes and notes on diagramming adding machines, with least odds of being gotten.

3. Lack of Focus:

- SMS or text informing has become a most loved hobby of numerous students. Students are seen playing with their mobile phone, iPhones day and night or driving and all the time even between addresses.
- Being ever-associated with the online world has brought about absence of center and focus in scholastics and somewhat, even in sports and extracurricular exercises.

Advantages

- It makes students progressively eager to learn.
- Help students with occupied calendars, opportunity to work at home individually.
- Train students to learn new technology aptitudes they can utilize later in the work place.
- Decrease paper and copying costs, advancing idea of "green revolution".

Disadvantages

- Many specialists and experienced individuals state that, because of such technology in education, students creative mind is influenced, their reasoning capacity is diminished.
- Sometime it's additionally tedious from instructor's perspective.
- It is expensive to introduce such technology.
- There can be medical problems too when utilized over breaking point.
- Some students can't bear the cost of present day PC innovations.

CONCLUSION

Technology positively affects education and simultaneously may likewise present negative impacts. Teachers and students should exploit this in the great light and take out the downsides which are pulling back a large number of students just as schools from accomplishing greatness. It is hence an ideal opportunity for each nation to present an all the more innovatively prepared education segment later on.

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