"EFFECT OF MODERN TECHNOLOGY ON EDUCATION SYSTEM"

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ABSTRACT

The education system is changing at very fast rate by using the various modern tools to teach and learn process at the Institutes. All the Institutes are now taking advantage of using various modern tools and techniques to get more benefit to the students community. The major sources of teaching tools are ppt presentations , use of various software's and projectors in teaching various sunbelts at UG and PG level.

The Present Classroom teaching has lot of limitations and we have no provision to test the outcome of the lecture in one way format . The various new and advanced methods of output base learning and course outcome are to be well defined before starting of the course.

INTRODUCTION

Technology has heavily impacted almost every aspect of our lives, and education is no exception. In many ways, the one might think that education hasn't changed much over the years. If you look at classroom photos of decades ago, the scene might look familiar because it's very similar to the modern classroom.

One of the defining features of development today is the relationship between **education**

and technology, stimulated by the spectacular growth in internet connectivity and mobile penetration. We live in a connected world. An estimated 40% of the world's population now uses the internet and this number is growing at a remarkable rate. While there are significant variations in internet connectivity among countries and regions, the number of households with such links in the global South has now overtaken those in the global North. Moreover, over 70% of mobile telephone subscriptions worldwide are now in the global South. Five billion people are expected to go from no to full connectivity within the next twenty years. However, there are still significant gaps among countries and regions, for example between urban and rural areas.

Limited broadband speed and lack of connectivity hamper access to knowledge, participation in society and economic development.

Technology Used in Classrooms

When we talk about technology in education, we mean all types of technology that are used to enhance the learning experience. Here are a few most used technology tools in education.

- Electronics Whiteboards
- Flipped Learning
- Desktops and Laptops
- Projectors
- Distance Learning
- Virtual Field Trips

All things considered, technology has had a significant impact on technology. Some may consider this impact as positive, and some say that this impact was negative at most. At the end of the day, we know that the use of technology is inevitable. However, it's in the hands of the teachers and students themselves to decide how much technology they want to incorporate into the

IMPACT OF MODERN TECHNOLOGY ON EDUCATION SYSTEM

All of us, together, are surging through the most profound revolution in human history. Its impact is personal, national, global and in many ways, unlimited. Yes, it is the impact of technology. Already one or two billion students spend 4/5th of their working hour's outside school in an Google, iPod, YouTube, Wikipedia, etc.

It's Personal: where information and learning programs can be personalized. And you can share your own talents and skills with millions- for both fun and income.

It's Interactive: with new digital platforms and templates to make it easy, simple and fun to learn by doing and interacting a new world of an creative experiences.

It's Global: the ever-expanding worldwide internet, owned by none, used by everyone; where the combined knowledge of humankind is now available to virtual at the tap of a digital or touch screen.

The World Wide Web, browsers, search engines and digital platforms make it easy to access much information free. The advent of technology in education field has made the process of learning and knowledge sharing more interactive and relative. Impacts of technology on Education are the following

Easy access to information; easy retention of information, more storage of the information- Better presentation of the information- Teaching became more interactive, easy sharing of knowledge and more interest in learning.

The field of education (teaching and learning) has revolutionized since the advent of technology.
Technology is a teaching tool

Computers provide us with an interactive audio-visual medium. Animation software and Power Point presentations are used to

information in interactive way. Both teachers and students find it helpful and interesting to use audio-visual tools. Huge number of students can be addressed simultaneously with the help of microphones projectors, screens and speakers. These teaching aids have led to increased attendance in classes.

Technology has made student life easy

Nowadays all of students use different types of software and tools to make projects & presentations instead of using pen and paper. As compared to a pile of notebooks an iPad is very light. As compared to a heavy book surfing an E book is easier. These tools help to generate more interest in studies. There are online libraries which require no physical space. The researchers, teachers, students sitting in different parts of the world can access the same online library simultaneously.

TO STORE INFORMATION EASILY

Data storage has become much easier due to technology. It takes few seconds to type or copy-paste various information. So managing records online is easier.

DIGITAL CLASSROOMS

Both students and teachers get benefited through the use of digitized boards in classrooms. Thanks to the technology an advance technologies that we can see the entire syllabus online and then decide which courses and subjects we should opt for. Interactive digitized boards can be used by students for drawing figures, making diagrams, doing mathematical calculations, etc.

TEACHING IS SHARING

The application of technology has made education more collaborative. There are online forums where subject experts can meet and discuss subject specific topics, review the syllabus and plan assessments to enhance the process of teaching. Teachers can impart

customized education to cater different learning abilities and needs of the students. Everyone has a personal learning style, almost as unique as one's fingerprints. Any skills can now be taught online in sequence, from beginner level to master level.

The Class room teaching is enhanced a lot by using various advanced tools and techniques in the class room teaching . the teacher is well versed with use of maximum tools in the present days.

Computer in Class room Source :- https://en.wikipedia.org/wiki/Computers_in _the_classroom

IMPORTANCE OF MODERN TECHNOLOGY

Teachers in the pre-technological era didn't have many tools to enhance their teaching process. They depended mostly on the blackboard and the chalk to make the learning process easier and enjoyable for the students. Being the primary source of information, teachers stood at the center of the room, delivering lectures while students passively received it. However, in the technological era, the classrooms transformed from teacher-centered to student-centered.

Benefits of Technology in Education

Using technology in the classroom definitely has many advantages.

Creates a more engaging learning environment Technology can encourage students to participate in the classroom actively. While some students might find the experience of talking in front of their classmates intimidating, the online classes might have the opposite effect on them. They might feel more comfortable expressing themselves in writing by joining discussions on discussion boards that online courses offer.

INVENTION IN AI FOR EDUCATION SECTOR

There are part of tech driven arrangements in the business of instruction like Dream Box, Khan Institute, Achieve3000, and so forth There are a few instructive stages dependent on computer based intelligence innovation. • Third Space Learning • Little Mythical serpent • CTI • Intelligent • Mastermind Math • Carnegie learning
The Third Space Learning framework was made with the assistance of researchers from London College School. It assists with prescribing the ways of improving the showing strategies, such as providing a notice when with the clarification of instructor is either lethargic or exceptionally quick. The Little Mythical beast makes brilliant applications that examine the client's looks or motions and adjust the UI appropriately. Little Mythical beast additionally makes instructive games for youngsters.

● **HOW ITS AFFECTING INDIA?**

<u>National education policy 2020-</u>

Training is central for accomplishing full human potential, fostering an impartial and just society, and advancing public turn of events. General admittance giving to quality training is the way in to India's proceeded with climb and initiative on the worldwide stage as far as monetary development, civil rights and

correspondence, logical progression, public reconciliation, and social safeguarding

● **PRINCIPLES OF THIS POLICY**

perceiving, distinguishing, and cultivating the novel abilities of every understudy, by sharpening educators just as guardians to advance every understudy's all encompassing improvement in both scholastic and non-scholarly circles

adaptability, so students can pick their learning directions and programs, and in this manner pick their own ways in life as per their abilities and interests;

multidisciplinary and an all encompassing schooling across technical studies, sociologies, expressions, humanities, and sports for a multidisciplinary world to guarantee the solidarity and honesty of all information

Source :- https://mywikinews.net/tag/the-role-

accentuation on applied seeing rather than repetition learning and learning-for-tests

imagination and decisive speculation to support legitimate independent direction and advancement morals and human and Established qualities like sympathy, regard for other people, neatness, kindness, vote based soul, soul of administration,

CONCULSION-

The Education system in 21st century at the verge of transformation trough all the phases and students are demanding quality and best education at minimum cost . The advance technology will play a major role in all the activities of the education above paper is decent contribution in creating the awareness about use of technology in the education   and how to make its best use .

The key job that innovation needs to play in education is proportional access to a portion of the core tools that can make an important effect in the lives of both instructors and students. Some important themes can be identified to create worldwide techniques to help advancements that match the particular needs of a developing society. Some of the significant topics is to guarantee that students have access to the correct learning material, particularly in their own dialects since it guarantees a better comprehension of subjects.

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