Advantages and Disadvantages of using technology for teaching and learning process in education

Arun Padmanabhan

Assistant Professor
Department of Computer Applications
Saintgits College of Applied Sciences, Kottayam, Kerala, India

Abstract: **This paper deals with the advantages and disadvantages of using technologies in education. Modern day education without using technology is unthinkable. Hence the importance of teaching methodologies and its merits and demerits should be discussed.**

Index Terms: Technology, Education, Learning

I.INTRODUCTION

A few schools have been enhancing by making advanced innovations a necessary part of the regular education process. The use of laptop computers, smart phones and tablets within the classrooms are limited by traditional educational ideas. In Contrast, innovations methodologies in education invite their utilization consistently by the students. In any case, students ought to follow a procedure so as to be completely equipped in the utilization of these innovations for authentic educational purposes. It has been said that the children conceived since the late 90's are "digital locals." They are just as it were: they know about computerized innovation, they are not hesitant to utilize it, really, they appreciate utilizing it, however the majority of them are bumbling to utilize if for instructive purposes. Their major defect is the capability to perceive among dependable and inconsistent data sources. Also, they are so pitifully reliant on "duplicate information" literary theft and incapable to take a snippet of data, process it, and show their comprehension through a discourse or a paper.

New instructive methodologies target preparing students in the specialized utilization of advanced gadgets, and once they are completely capable and have no compelling reason to press fastens indiscriminately, they are prepared in managing data sources. The modern era teachers also play the role of instructors is one of counsellors. Instructors can give understudies recommendations on the best way to more readily manage a part of their examination, however they no longer show classes more often than not, they invest energy with understudies' groups prompting them on the most proficient method to complete their undertakings. At whatever point there is a specific subject that most groups need to learn, explicit measurements tests for instance, they may give a talk to all the understudies from any evaluation who necessitate that information/aptitude given that their current task requires it.

II.FOUR TEACHING METHODOLGIES

Teaching through technology

Educating through technology in the class room will just not be the direction that students require in this day and age, it'll mix in them, the necessary technical abilities that will be their prosperity key later on. Furthermore, educators, being at the front line of a student's learning experience, play a significant and much dependable job of giving out the best learning experience to the understudies. With the assistance of different methods for educating through technology, educators can inspire students effectively

Blended Learning

Technology for educating and learning has another face-mixed learning. It is a sort of learning opportunity that unites in the conventional up close and personal and web based learning. The fundamental goal of mixed learning is to plan students with assorted learning styles, incorporated in the day-today class room learning exercises. Teaching through technology like blended learning, allows students to learn better, at a faster rate and at their own convenience, at reduced cost of study materials- definitely, a smarter option for optimized learning.

Digital resources

With teaching through technology, has come the increased usage of digital resources in educational institutions that have given the right boost to learning and teaching in classroom. Digital portfolios, electronic grade books, learning games and real-time feedbacks on students and teachers are some of the smart technologies to power learning in the classroom.

Podcast learning

Encouraging students and getting them into a podcast for the class, like reading out class lessons or discussions on particular topics can boost learning. Because, these podcasts are very good study references for the students in future.

III. ADVANTAGE OF USING TECHNOLOGIES IN THE CLASSROOM

Improved knowledge and interest

Learners who are inspired by things they are contemplating, are relied upon to have superior knowledge advancement. As referenced previously, technologies can assist with empowering dynamic support in the field of studies which additionally is a significant factor for expanded knowledge. Various types of technologies can be utilized to try different things with and choose what works best for learners to improve their interest of study.

Motivate personal learning

Nobody learns similarly due to various learning styles and various capacities. Technology gives incredible chances to making learning increasingly viable for everybody with various requirements. For instance, learners can learn at their own speed, audit troublesome ideas or skip ahead on the off chance that they have to. Likewise, technologies can give more chances to impaired learners. Access to the Internet gives learners access to a wide scope of assets to lead investigate in various manners, which thereby can build the commitment.

Motivate Teamwork

Learners can rehearse cooperation abilities by engaging in various online exercises. For example, for doing a project at various tasks by teaming up with others on gatherings or by sharing archives on their virtual learning platforms. Technology can encourage collaboration with students in the same classroom; same school and even with other classrooms around the world.

Students can learn valuable fundamental abilities through technologies

By utilizing technology in the class room, both the educators and the learners can create abilities fundamental for the 21st century. Learners can pick up the aptitudes they should be fruitful later on. Present day learning is tied in with teaming up with others, taking care of complex issues, basic reasoning, creating various types of correspondence and initiative abilities, and improving inspiration and productivity. What is more, technology can help develop many practical skills, including creating presentations, learning to differentiate reliable from unreliable sources on the Internet, maintaining proper online etiquette, and writing emails. These are very important skills that can be developed in the classroom.

Benefits to teaching learning process

With innumerable online resources, technology can help improve teaching learning process. Educators can utilize diverse applications or confided in online resources to improve the conventional methods for instructing and to keep the learners progressively more engaged. Virtual lesson plans, grading software and online assessments can help teachers save a lot time. This valuable time can be used for working with students who are struggling. What is more, having virtual learning environments in schools enhances collaboration and knowledge sharing between teachers.

Utilizing technology in the study hall permits you to analyze more in instructional method.

As an academic professional, you'll study how to viably plan and execute a class guided with technology. Regardless of whether it's an emotional change, for example, instructing with a flipped-class room, or simply embracing an online app for a particular project or term, you'll discover some new information in present day the scholarly world! Being knowledgeable in innovation can likewise help assemble your believability with students, and even with individual associates.

IV. DIS ADVANTAGES OF USING TECHNOLOGIES IN THE CLASSROOM

Distraction

By a wide margin, the most concerning issue with utilizing technology in teaching is the means by which diverting it very well may be. While numerous extraordinary learning things can be accessed, things that are not valuable and sit around idly can be also. Games, video, and music all distract the learners from what they should do with their innovation.

Accessibility of unsuitable content

The abundance of incredible data on the web is effectively over shadowed by the measure of terrible things present also. Brutality, explicit materials, and contemptuous things would all be able to be gotten to by students, and if this is done on educational time, premises, or innovation huge issues can emerge.

Internet has false information also

Anybody can post anything on the internet; however this doesn't imply that it is valid or right. This is an issue with regards to instruction in such a case that the learners are looking for answers to an inquiry; they could without much of a stretch run over the wrong answer and not understand it.

Hinders basic skills

Technology automates just about everything. Instead of learning and understanding basic math, students can simply use their calculator on their phones. Spelling is another example of this, we need to make sure that students retain the ability to problem solve and think for themselves.

Maintenance and updating cost

It isn't mystery that the freshest and most exceptional innovation is extravagant. All together for a school to utilize technology like this they need to pay for it, this is hard for most government funded schools to do in light of the sheer expense. This is likewise hard for guardians in light of the fact that the students become familiar with some innovation that they don't have at home.

V.CONCLUSION

Education gives us knowledge of the world around us and changes it into something better. Here, if we have the help of technology, it proves to be much more beneficial. Education develops in us a perspective of looking at life. It helps us build opinions and have points of view on things in life. Today, latest technologies are developed and used in different areas like health, education, economy, military and other areas. If talking about technology in the field of education, students can learn useful life skills through technology. Also, it has huge benefits for teachers too. They can teach the contents more clearly if they are providing knowledge with more technological advancements. Education along with technology has the ability to enhance relationships between teachers and students. When teachers effectively implement technology into subject areas, pupils understand the subjects better. It helps make teaching and learning more meaningful and fun. There are many reasons why technology is a key aspect of learning in the schools. Technology is everywhere; and in order for our students to survive in today's world, they must know technology

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