Teaching with Technology

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Abstract

We are living in 21st century and it is an age of Technology. People are fully depended on the technology to make their task easy the use of the technology is very simple but it needs training programs. The chalk and duster approach of Education system had to change abruptly due to Covid 19. Technocrats introduced Technology for online classes and it was a wonderful experience. Zoom, G-Meet and many more other platforms were used to reach to the students. E-book were explored and made easy to access. After covid-19 teaching system, which was dependent on traditional methods, changed in a new system of chalk duster plus technology. It made the teacher more efficient and the process of teaching became very interesting. Teaching through Technology, teachers started using different soft wares to create presentation and projects. The use of technology in education has made the life of the students as well as teachers easy. Instead of using pen and paper students are using different soft wares and Technology for the preparation of examination. Government also helps by providing them laptop or tablet. It also includes social well- being because social development is also dependent on education.

KeyWords:- Educational Technology, Traditional, Smart phones, Introduced Technology and online classes.

Introduction

Educational technology means the use of technology to improve the quality of the education. it is a process by which we can make the teaching learning process easy by using technology like LED projectors, smart board, laptop, computer and tablets. After The COVID-19 pandemic, online education became a vital part of teaching and learning process. Online platforms were available for the smooth conduct of classes, sharing resources, doing the assessment and managing the day-to-day activities of academic institutions. But the use of these platforms were not active, people were not very familiar with the technology. The COVID-19 Pandemic has changed the situation; the institutions were forced to adapt the online teaching mode for the continuity of education. Traditional teaching system was providing a direct learning environment and more engagement of teacher and students. In contrast the online education system provides an opportunity to interact with the students from distance by smart phones and other technology. Institutions created a virtual classroom and provided all the facilities to make the teaching comfortable. This paper is to explore the use and misuse of technology in education.

Technologies used in education Digital classroom, Smart boards, Smart tables, and Projectors, different platforms like zoom., meet and many more.

Need of technologies in education It helps the students to connect to the real world: By using the technology the teacher can plan for the virtual tour of the world. It permits the teachers to remove the

physical barriers of the classroom, and provide the students a way to connect the knowledge with the real world.

As a bridge between teacher & students

- It improves the communication between teacher and students.
- The record of the students can be digitized.
- Teacher can send the link of assignments and test any time.
- It creates possibilities to engage the students even after the class.

Increased Association and Communication The technology used in education can increase the collaboration between teacher and students, it helps to engage the students during lectures. Students can ask their queries and communicate with teacher easily. The teacher can also share the details of the information after the classroom.

Improved the attendance of the students Online classes also help to improve the attendance of the students because in online classes students can take the class from mobile phone from anywhere, anytime. The students those who can't come regularly from far they can take this as an opportunity.

Affordability It is also one of the advantages of online teaching that it is quite affordable. The students those who can't pay for getting education because of their financial crisis can enrol themselves for online classes and get the knowledge.

Ability to use and create video content: In online teaching process the teacher can record the session and upload the session on YouTube, after the class the students will be able to see the the complete lecture again. It can help the weak students to understand the concept. there is a facility to write the questions in comment and the teacher can give the reply.

Effective and time-saving Online teaching process can help the teacher to evaluate the student and change the syllabus /content according to the need of the students. It can also provide a frame work for the special children. It can also save time of both students and teacher. Students can learn via online videos, audio books, online interactive sessions, and many more.

Technology Makes Teaching-Learning Convenient One more benefit of online education is that it permits the students to acclimate the concept. It makes the student independent and helps them to explore new things with the help of social media, online lecturers and by using the educational applications.

Challenges of using technology in education

- Lack of Training Program
- Poor Network system
- Unreliable Devices
- Paper less
- Save Time
- Misuse of Technology
- Create Destruction
- Reduce interaction between Teachers and students

Conclusion Online teaching learning process refers to the different software and applications which help the students full fill their academic needs. In online teaching the teacher can use technology in the

classroom and save a lot of time and energy to monitors the students. Students are also taught the use of technology in a proper manner, which make the students self-disciplined. Technology provides the students virtual world by which he is free to achieve knowledge according to his desire or need. In Online teaching it is not compulsory for the student to come to the college and attend all the classes, he can study at his own place. A traditional classroom which was fully dependent on chalk and talk methods has changed into a digital classroom where the teacher has to teach through computers and projectors. Technology helps not only the teachers and students but also help the environment by reducing the pollution.

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