



Digital Teaching-Learning in Present Scenario- a Boon in Disguise

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ABSTRACT:

It's said that in this world 'only change is the permanent.' Today the world is passing through the rapid changes in all the sectors. In such a world, education cannot resist change. The present paper presents the same concerns, particularly, this pandemic has compelled all to adopt the digital mode in teaching and learning situation. It also put forth that though there are some issues with the use of technology in educational field, still as a need of time everyone should adapt this change positively. Though we believe that Technology will not replace the great teachers, but technology in the hands of great teachers can really be transformational and epoch making.

Key words: - *Technology, teaching, learning, Digital, pedology, interactive, lockdown.*

INTRODUCTION:

Education imparted in the past (in the Twentieth Century) and in the present, has experienced the drastic changes for both, the teaching and Learning process. Today the world is passing through the fast changes in all the sectors. In such a world, education cannot defy change. This educational pot is boiling more violently today than ever before in the century. The world is on the threshold of an exciting and revolutionary period in which the scientific and study of man will be harnessed in mans best interests. (1)

In this world only 'Change is the Permanent thing'. We find extraordinary changes taking place in all the sectors of life. Everything is blend with the science and technology. Education is not an exception to this fact. Since we are living the renaissance of technology and in such a state, technology and education system cannot be kept apart (2).Learner and teacher are two most inseparable part of education system. Bygone are the days where teacher and students only used to rely on the

usual methods of Teaching and Learning process. Two decades ago teacher used to teach only what used to print in the book, so as the learner too. But now a days from the Primary level to the Higher Education, these methods are made more creative and innovative with the help of Technology. In today's scenario, the use of technological equipments on the every walk of life has been increased tremendously. It's the world of Computers, Social Media, Modern Communicative Devices and what not, they are really changing the pattern of life style, Business, education etc.

Present Situation and Digital Teaching – Learning:-

Though these changes have been started many years before, but the ongoing pandemic has increased their value more in education sector. Considering the worldwide spread and outbreak of the CORONA disease and its threat to the whole mankind, the World Health Organization (WHO) has declared a Public Health Emergency of International Concern on 30 January 2020.(3) and it continues till the date. As a result of this, most of the countries have declared the

complete lockdown in all walks of life. It has affected almost all the services including the educational.

In the present KG to PG all the educational activities related to the teaching and learning had affected, due to which most of the institutions could not complete their syllabus in physical presence of the students in the classrooms. But it's said that 'Every cloud has a silver lining', though the pandemic has brought dilemma to the whole human race, it also has shown the some positive outcomes by the use of new technology in the field Teaching and learning. Instead of depending on the just traditional way of pedagogy. As a result Institutions have started using various platforms for education to depart like, Google Classrooms, Zoom, Google Meet, WebEx Meet and many more.

Digital Teaching-learning in India and its

Usefulness:-

Digital education is the innovative use of digital tools and technologies during teaching and learning, and is often referred to as Technology Enhanced Learning or e-Learning. During this pandemic situation the education industry also is undergoing a major shift in recent times; **the transition from print to digital**. It's not an easy ride for the stakeholders in the industry, but in order to stand the test of time, the shift must happen. The e-learning industry in India is growing at a rate of 25% year-on-year and is expected to become a \$1.25 billion industry by 2021. With a network of more than 1.5 million schools and almost 18,000 higher educational institutes, the potential for digital education in India is boundless.(4)

Advantages of digital Teaching- learning:-

Some of the significant advantages for the popularity of digital learning are mentioned below.

Reduction in the cost: For various reasons, online education costs very less compared with the traditional education system of brick and mortar, real teachers and classrooms. The first and foremost reason for the cost reduction is transport. Online education removes the necessity of transportation either by public vehicle or by own vehicles.

Flexibility: In this mode of teaching and learning no need to stick for fixed timings. Students can chase advantageous courses at their convenient timings without foregoing their careers. Students can complete the entire course along with their other obligations. Digital learning makes them adopt appropriate timings to meet educational necessities.

More Interactive: Students can interact with their peers across the world. Better interactions prove better learning and awareness. Peer interaction always enhances confidence in motivating students to get in-depth knowledge.

Better access to subject experts: Digital learning provide students, professionals an opportunity to access to expertise they are searching. They may not easily available in their locality and they might need to travel faraway places to access the same. Good learning environment helping you to gain a deeper and efficient understanding of your course.

Access study material irrespective of your place and time: Since these courses are conducted via online study materials are stored safely. Databases of these courses contain discussion documents, interactive peer to peer discussions, training materials and clarifications. One can sort out not only their doubts but doubts raised by other students studying the same course. That means a deeper understanding of the concerned course. The guided discussion provides quality learning time for students and professionals. (5)

Learning becomes more entertaining:

E-learning technology differs from what most students are used to these days. You learn online, you are able to communicate with people in chats forums; you can share your progress on social media, and so on. Some students like it more this way. Some simply find such change refreshing.

Many teachers know that the more diverse the educational process is, the more interesting students find it. Even if that's only an addition to the traditional learning, this still could be a nice change.

Disadvantages of Digital Teaching Learning:-

However, online learning also has the following drawbacks.

No Fixed schedule: Online learning requires much better management and rigid schedules, whereas in traditional classroom training, everything is as per a fixed schedule.

Reduces creative abilities: Getting all answers on the net easily also reduces the children's own creative abilities.(6)

May Develop Lazy approach towards studies:

This may lead to poor study habits and can develop in children a lazy outlook. Digital education can also make children forget the basic way of studying. Even for simple problems and homework, they might start seeking help from the Google.

Security: going online does not mean that your child or ward is only looking for study resources. There are many things which a child might come across that are not good for him or her. So, digital education has its advantages and disadvantages. Therefore, students need to be properly guided by their parents and teachers every time they are using the online technology for teaching and learning activities.

Increased the Higher Dependency on technology:

While e-learning might look like a learning tool available to anyone, in reality, it's not. Not all people have constant and stable internet access and computers/ tabs that are powerful enough to support online streaming. Some might have all the essential technologies but struggle with using it, due to the lack of handling it. Problem, however, can be solved by offering them some proper tutorials and guidance.

Feeling of Isolation of being isolated:

For some students college is not only the place where they can learn – it's also the place where they come to socialize, to make new friends, and to learn something more from their professors. With e-learning, this can be hard (if not impossible) to achieve. Sure, you'll still have online chat rooms and you'll be able to ask your instructor questions but the level of personal connection would hardly be the same as it would in college. That's why some students might feel isolated and deprived of support.

The feedback might not be enough:

The feedback is one of the biggest drivers of students' progress. The students are able to improve only when they know their flaws and weak points. While online instructors do give students feedback, they still might not have enough time to work with them properly, explaining every detail. This could lead to some students falling behind, having gaps in their knowledge, and not completing the course successfully enough.

CONCLUSION:

Summing this up, online learning does have its pros and cons. The pros are mostly focused on the availability, low costs, and flexibility of the whole process. The cons, however, are mostly about the personal and emotional factors. Most

of them aren't critical and can be easily fixed with time.

However, while the benefits of e-learning are noticeable, it's still important to remember that not all courses can be taught online mode only. Some teaching learning activities do require physical presence in a different environment. Moreover, sometimes only the physical presence can help students to build necessary skills, both professional and social. For Example, the Engineering and Medical courses need to work and learn through the traditional mode only.

To my opinion, e-learning can become a great addition to the traditional learning process, making it more diverse and allowing students from all over the world to gain additional knowledge about certain subjects. However, it's important to develop both types of educational technologies equally and learn how to combine them in a most effective way in order to get the best results.

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