

A study of online learning in Covid 19 Pandemic –Advantages and disadvantages a student’s perceptive .

Asst.Prof.Pournima K.Jangle
Tilak Maharashtra Vidyapeeth Pune
pournimakj78@gmail.com

Abstract

The COVID-19 pandemic has coerced universities around the world to close campuses indefinitely and shifted their teaching activities to online platforms for students safe and help control the spread of virus. .

As a result, edification has transmuted dramatically, with the distinctive ascension of e-learning, whereby edifying is undertaken remotely and on digital platforms. In Covid 19 pandemic situation all schools and colleges were closed. Lots of peoples are still facing many problems like unemployment, reduction of production, loss in business and many more. In this situation to avoid the academic loss of student and the considering the student saltiness the ministry of Government allowed to adopt E Learning. There are so many advantages and disadvantages of online classes .In this paper we are going to discuss the challenges facing by students and opportunities while attending online classes in Covid 19 pandemic situation.

Keywords: *pandemic, e learning, unemployment.*

Introduction

The COVID-19 pandemic has coerced us to reimagine some of our most rudimentary, day-to-day tasks in order to perpetuate to function as a society. Jobs that were once always done in person are now being performed online; we forego the crowding of supermarkets and restaurants for the safety of distribution and homemade cooking, and face-to-face conversations have been relegated to our phones and computers. We are coerced to reflect upon our own communities, even as we are unable to optically discern them. Coronavirus pandemic has triggered incipient ways of learning and has expedited the process of adoption of ‘online’ as a viable mode for learning in 2020. In the past few months, the ordinant dictation for online learning has ascended significantly, and it will perpetuate to do so in the future. Along with parents and students, for many inculcative institutes, 'online learning' is an entirely incipient way of edification that they have had to adopt.

Corona virus disease (COVID-19) is an infectious disease caused by a newly discovered corona virus according to WHO. [2]. This disease spreads very expeditiously as it is a viral disease. As this is a viral disease, it coerces to shut down all activities. All Businesses, offices, restaurants including educational institutes withal affected due to this lockdown. Corona pandemic has affected in all aspect to everyone. Even students are also affected mentally as well as physically. Online teaching process is gradually developing in lockdown duration of Covid 19 pandemic situation . The COVID-19 has resulted in schools shut all across the world. Ecumenically, over 1.2 billion children are out of the classroom. To eschew the student’s academic loss, all educational institutes and universities commenced online teaching methods. Nowadays all over the country, all student from all age groups are utilizing the online teaching method.

While utilizing this method students are facing some quandaries. But at the same time, it is benign to them additionally. There are opportunities to become computer literate and can learn sundry technologies.

Following are the problems facing by students (Challenges)

1) Computer Literacy:-

While attending the lecture, students are not cognizant about of keyboard and its functions. They don't know how to handle the contrivance. By mistake they used erroneous keys and sometimes the program may get closed. So they must know the proper keys and their functions to avoid such problems.

2) Technical issues:-

During the online lectures, technical issues may have occurred. A technical issue is the major stumbling problem during online lectures. Sometimes compatibility issue may occur (with the android phone, operating system or browser) , the lecture never start from the beginning, or student doesn't know how continue. It causes frustration and disturbance. This is the reason that may cause for their low interest

3) Network issue- Network quandary may occur due to low speed- because of low bandwidth or utilization of the mobile networks. Learning App issue quandary may occur if the app is not working properly. Sometimes voice quality and display quality is impecunious in-app utilizing for online learning Sometimes mobile may get hang. In such a situation, students may be diverted. Their concentration and interest in learning become loose.

4) Time Management- Student cannot manage their time to attend the online lectures. Additionally, within the time they cannot consummate their lectures and homework. The period duration is circumscribed. Also if any technical issue arises while during online classes, they cannot manage the time to attend lecture.

5) Lack of personal interaction- Due to Online lectures or video lectures, it makes a gap between teacher and students. There is a lack of teacher-student interaction. Teachers cannot verbally communicate with students person to person and vice versa due to time restrictions or less network connectivity. Student cannot ask his doubts or queries on the spot in online or video lecture. Their doubts remains unsolved sometime if they will not get answer. That's the reason students feel boring to attend online lectures.

6) Adapting to unfamiliar technology- As the education technology is unfamiliar for student, they are not yare to adopt it. It takes more time to familiarize and for getting interested in it. Sometimes by mistakenly, they clicked on an erroneous option.

Understanding course prospects.- Due to the short lecture duration teacher may not explain deeply the topic. It may an obstruct understanding the course prospects.

7) Lack of in-person interaction. – Students can learn a lot from being in the company of their peers in offline classes . However, in an online class, there are minimal physical interactions between students and teachers. This often results in a sense of isolation for the student. Online lectures feels boring to the

students. They cannot fully concentrate on teaching as they attend the lecture virtually. So they have not interest in it, Student can't interact with each other also. Only teaching-learning process goes continuously. Student can't share their feelings, knowledge with each other. Even they can't share their views with the teacher.

In this situation, it is imperative that the school allow for other forms of communication between the students, peers, and teachers. This can include online messages, emails and video conferencing that will allow for face-to-face interaction and reduce the sense of isolation.

8) Lack of Motivation- Some students need to work hard to attend class. If it is a self-paced online course, students may procrastinate. The dropout rate in online education is very high. Self-motivation and discipline are required to improve the work and upload it in time[1]

9) Curriculum language-students in schools and colleges belong to both rural and regional areas. India is a multilingual country, and the teaching content and the teaching method is in English. So they don't understand easily. [6]

10) A limited number of gadgets-To attend the online lectures, students must have a smartphone/laptop/tab. Then only they can participate in lectures via internet. They can open links, navigate from one application to another, send homework to the teacher via email, download notes, test papers, homework, and screenshots. However, if there are more than one child in a family and the number of gadgets are limited, it may be difficult to attend the lecture within the scheduled time. Everyone needs a smartphone to attend the lecture according to the specified schedule.

11) Need Educational atmosphere for online lecture at home -Many students do not have a scholastic environment. Their parents are unlettered. Consequently, they did not take an earnest posture, nor did they provide a vigorous sense of learning atmosphere. Sometimes, there are more family members in a family, and their living space is diminutively minuscule. In this case, they additionally lose verbalization or lose interest or attention.

12) Less practical knowledge- Due to online teaching –learning mode, student could not do their practical or practice as some students do not have laptop or PC at home. .They didn't get practical knowledge perfectly. For practical cognizance, practice is the most paramount part. Students just learn the theory part felicitously. So online edifying is not felicitous for practical classes as it requires hands on experience and physical optical discernment to understand many of science stream as well as IT field .

13) Students from rural areas or from a poor families could not attend online lectures due to the unavailable of electronic contrivances. This is the major drawback or hurdle in the online edifying method.

In certain schools/colleges, online classes are very monotonous. Hence, what these students are doing is switching off the camera and are doing other activities. It's like a time pass for them. [9]

Facing Physical problems

1. Children attending online classes at home are not bound to have classroom professionalism. Hence, their physical health is deteriorating too in many aspects. Due to perpetuate contrivances, students are facing some physical issues. They are facing the quandaries like ocular perception and headache. Like in-classroom student have not sat in good posture at home. Attending online classes on sofa or bed are the prevalent reasons to ascend back pains or fibromyalgic pains. The whole day students are sat in home. Due to lack of outdoor physical activity and easily available junk food at home they are facing the problems like obesity and losing of muscle mass. Research says that when children are physically active, their mental and physical growth are better for next 3-4 decade of life. Lack of poor sunlight exposure and poor diet responsible to deficiencies of Vitamin D and Calcium in children, Also coniferous use of laptop or mobiles affected badly on health due to its high radiations.[8]

Prolonged use of earphones can result in noise-induced deafness, say experts

2. Online classes, no doubt, provide students to catch up on the classes lost due to the perpetuated lockdown as a result of the COVID-19 pandemic. Attending classes online without a break is verbally expressed to be causing quandaries like dry ocular perceiver syndrome, burning sensation of ocular perceivers, and auditory perceiver quandaries(ear problem).[10]

Students are withal facing some health quandaries like ocular perceiver strain, headaches and fatigue from optically discerning the screen for such a long time.

“Prolonged use of earphones can result in noise-induced deafness. It can also cause tinnitus and the child may experience ringing sounds in the ear. Severe exposure may cause inability to hear certain frequencies. The problems depend on the duration and intensity of the sound,” says B. Ramachandra Rao, an ENT surgeon at the Government ENT Hospital in the city.

‘Stress on brain’

“Online classes for young children may cause stress on their growing brains. In the actual classroom scenario, they get breaks, interact with friends and the surrounding atmosphere would be conducive to the learning process. Sitting for long hours watching the mobile screen or laptop is not advisable for them,” says P. Venugopal, Head of the Department of Paediatrics, Andhra Medical College.[9]

Mental Health

1. Due to home confinement sleep disorders, rate of increasing anxiety and depression found high in children.[8]. It is found that schools that are able to provide engaging online classes along with co-scholastic activities it has become monotonous, which has led to ascension in solicitousness and hyperactivity among children.

2. **Dr Kannan Gireesh**, psychiatrist, psychotherapist and founder, Live Life Education says, “What they are lacking is peer-to-peer learning. Social learning is not happening as they do not have friends to talk to and build new friendships. Building friendships is very important especially in the lower age groups, which gives them security and self-esteem that gives them a sense of belonging.”[8]

3. Due to perpetual network disconnection quandary or internet issue , student could not consummate lecture or assignments. They faces the problems of frustration and stress.

Benefits

1) Learning New Technologies- Students can learn new technologies and incipient sundry software on their own. For lecture, they are using Google meet or Zoom app. Before Covid 19 pandemic, they were incognizant of these technologies. But when its compulsory applied for lectures, they learned themselves while utilizing regularly.

The growing transition to online learning and interactive classrooms has withal made prodigious amendments in the resourcefulness of students. With the advent of incipient learning technologies, students gain more computing capabilities and develop aptitudes in the utilization of technology for reasons other than just gaming and regalement.

2) As the edification method is online , edifier makes video notes, PPTs . In that they explicate the topic with pictures or diagrams utilizing audio effects. Students can learn facilely utilizing this audio video techniques and avail to understand the topic.

3) Build the habit of searching new things - The students are becomes habitual of searching new things from the internet . If they feel any difficulties in topic or unable to understand the topic they can probe from the internet or from YouTube videos. It will avail them to understand the topic. While probing the topic they gain additional knowledge regarding a topic or they get incipient information while searching.

4) Keeps students conventional and disciplined

A virtual classroom requires students to be present on time and join the class with a vigilant mind. It has availed in reconstituting a routine for them so that they have a particular target for each day and they do not waste time doing nugatory activities. They get homework and assignments that avail in keeping the students committed and disciplined towards their studies. In this way, the online classes ascertain that the students perpetuate to learn despite the schools/colleges shutting down[11]

5) Student can handle the electronic contrivances perspicaciously- When student utilize the keenly intellectual phones or laptop or tab for online lectures, they can learn the utilization of buttons, commands, how to upload software, how to run the application, load the files, scanning, screenshots, If any technical error occurs, they can solve at a rudimental level as they used these contrivances conventionally.

6) Since the lectures are conducted online, students can participate in course from anywhere. Consequently, the number of participants in online courses is more immensely colossal than that in offline courses.

7) In online learning with remote classrooms, students are urged to perpetuate the momentum of learning by way of sharing learning materials via email and video recordings. Through such channels, there is the engenderment of an 'online' link between the children and educators which in turn potentiates them to communicate and interact with one another.

8) Another advantage of online learning is abbreviated financial costs. Online inculcation is far more affordable as compared to physical learning. This is because online learning eliminates the cost points of student conveyance, student repasts, and most importantly, genuine estate. Additionally, all the course or study materials are available online, thus engendering a paperless learning environment which is more affordable, while also being salutary to the environment.

Online learning offers edifiers an efficient way to distribute edifications to students. Online learning has a number of implements such as videos, PDFs, podcasts, and edifiers can utilize all these implements as a component of their edification plans. By elongating the edification plan beyond traditional textbooks to include online resources, edifiers are able to become more efficient educators.

In online teaching, teachers can teach more efficaciously than traditional teaching. There are sundry implements on the Internet, such as PDF, video, and podcasts. By utilizing this implement in online lectures, teachers can ameliorate teaching and students can facilely understand topics

Every student has a different learning adeptness. Some students can learn facilely by visually examining videos, some can learn by utilizing audio. Some students need silence to concentrate on learning. They are diverted by other students or groups. In online learning, they can concentrate on learning in a separate rooms where they can sit alone. Utilizing audio-video lectures they can grasp facilely.

According to some students it is very difficult to give online exam without hard preparation. In online exams as questions are objective type but student should learn deeply and read reference books also. But the accuracy rate in student -result is greater in online as compare to offline. [7]"While some believe that the unplanned and rapid move to online learning – with no training, insufficient bandwidth, and little preparation – will result in a poor user experience that is unconducive to sustained growth, others believe that a new hybrid model of education will emerge, with significant benefits."[5]

Many companies or educational institutes makes their teaching application with use of various methods and techniques so that students can easily understand their lectures or topics. They gives free demo test by online . Byjuce and Whitehat junior are some examples of this type of app. Student has personally attempted by teachers . It gets benefited by both students as well as institute .

India is going to become a digital India. For this Government supports the online education in India. Online education have the potential to improve education quality. Government started various online courses like Swayam . [4].So learning independently and handling computer makes students technologically strong and it may help to fulfill the dream comes TRUE –Digital India.

Conclusion

Online edifying holds the key for the future inculcation system in India. In future online edifying-learning mode will play a paramount role to transmute the inculcation system in India. As initially, they are facing some quandaries by both educators and students but in future it may become mundane.

But there are pros and cons in every technology or process. The same way online classes are also beneficial for students in future prospect but at the same time they have faced many problems physically, mentally and technically also. So, traditional classes shouldn't be totally replaced with online learning but it is need to learn digitally online in modern education to become a smart generation.

References

1. Challenges and Opportunities for Online Education in India by Aman Jindal, Dr. B P S Chahal. [Pramana Research Journal Volume 8, Issue 4, 2018 ISSN NO: 2249-2976]
2. <https://www.who.int/health-topics/coronavirus>
3. <https://www.indiatvnews.com/education/news-online-education-advantages-and-disadvantages-online-learning-online-classes-revolution-673353>
4. Olasile Babatunde Adedoyin & Emrah Soykan (2020): Covid-19 pandemic and online learning: the challenges and opportunities, Interactive Learning Environments, DOI: 10.1080/10494820.2020.1813180
5. <https://www.weforum.org/agenda/2020/04/coronavirus-education-global-covid19-online-digital-learning>
6. <https://elearningindustry.com/advantages-and-disadvantages-online-learning>
7. A survey on online examination during COVID 19 pandemic: Perception of Management Students. by Dr. Pranati Tilak, Dr. Meera Deshmukh, Dr. Shweta Phadke, Dr. Sabina Salim Kazi Hakim, Mukta Shabd Journal [ISSN NO : 2347-3150]
8. <https://www.narayanahealth.org/blog/effect-of-online-classes-on-childrens-physical-health/>
9. <https://www.educationworld.in/impact-of-online-classes-on-childrens-mental-health/>
10. <https://www.thehindu.com/news/national/andhra-pradesh/online-classes-students-complain-of-eye-and-ear-problems/article31863501.ece>
11. <https://www.jagranjosh.com/articles/advantages-and-disadvantages-of-online-classes-for-students-1623733262-1>
12. <https://online.edhec.edu/en/blog/advantages-and-disadvantages-of-online-education/>