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# Effectiveness Of Online Education In India During The Covid 19 Pandemic

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## **Abstract**

No one would have guessed that a virus-like Covid-19 would come and without differentiating, it will alter the lifestyle of people. Due to Covid-19, many changes came to our world and it took some time for everyone to adopt the new normal. The Covid-19 impact was everywhere, which resulted in the closure of schools and other educational institutions. Teachers who are all experts in blackboard and chalk, books and classroom teaching are really new to this digital teaching, but they are adopting the new methods and handling it like a pro to aid the students in the current position. In this paper the researcher has focused the effectiveness of online teaching learning process in the pandemic situation

**Keywords:** Covid-19, impact, teaching learning process, digital teaching, effectiveness.

## **1.1 Introduction:**

The COVID-19 pandemic has affected educational systems worldwide, leading to the near-total closures of schools, early childhood education and care (ECEC) services, universities and colleges. Most governments decided to temporarily close educational institutions in an attempt to reduce the spread of COVID-19. As of 12 January 2021, approximately 825 million learners are currently affected due to school closures in responses to the pandemic. According to UNICEF monitoring, 23 countries are currently implementing nationwide closures and 40 are implementing local closures, impacting about 47 percent of the world's student population. 112 countries' schools are currently open.

India has a very great educational background but due to Covid-19 situation our education policy is absolutely changed. Because of lockdown the temple of education means schools, colleges are temporary closed. In that situation all nations decide to change the mode of education offline to online. Now-a-days, from nursery to Higher Level we can use online platforms like Zoom, Google meet etc. for education purpose. A new technology is involved

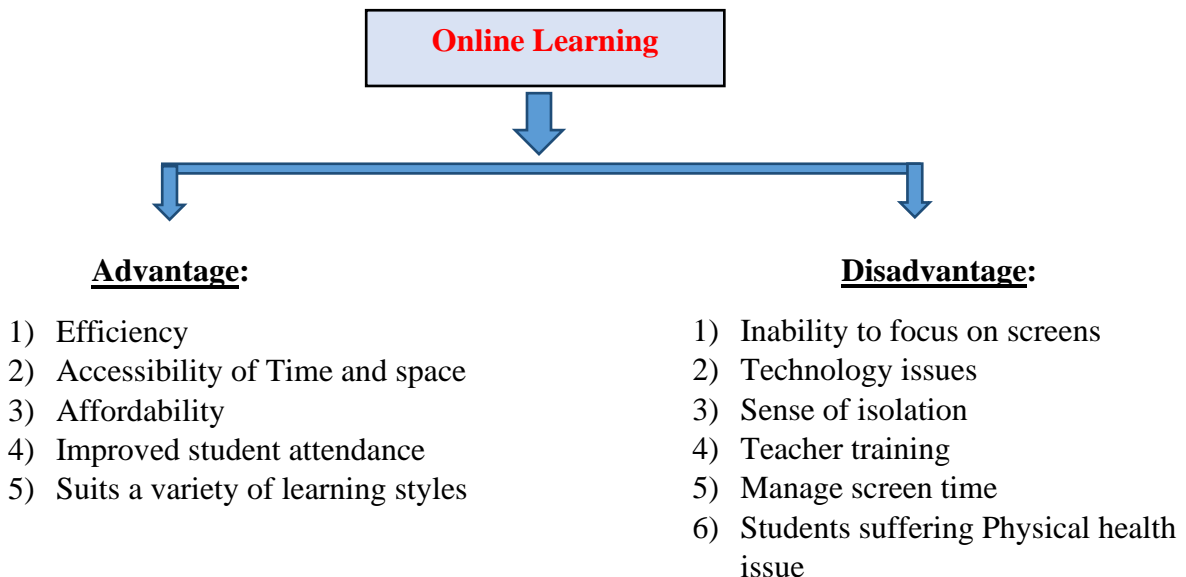
in every area of education. Due to these changes in educational policy the student's behavior is also changed.

The COVID-19 pandemic changed learning in many unprecedented ways. Students had to not just move to online learning but also keep a social distance from their friends and family. It is quite challenging for some to adjust to the 'new normal' and missed the in-person interaction with their teachers. For some, it simply meant spending more time with the parents.

Online learning is the newest and most popular form of distance education today. Within the past decade it has had a major impact on postsecondary education and the trend is only increasing.

As with the most teaching methods, online learning also has its own set of positive and negatives. Decoding and understanding these positives and negatives will help the institute in creating strategies for more efficiently delivering the lessons, ensuring an uninterrupted learning journey for students.

## **1.2 Advantage and Disadvantage of Online Learning**



### **Advantage of Online Learning**

#### **Efficiency**

Online learning offers teachers an efficient way to deliver lessons to students. Online learning has a number of tools such as videos, PDFs, podcasts, and teachers can use all these tools as part of their lessons plan. By extending the lessons plan beyond traditional textbooks to include online resources, teachers are able to become more efficient educators.

#### **Accessibility of Time and space**

Another advantage of online education is that it allows students to attend classes from any location of their choice. It also allows schools to reach out to a more extensive network of students, instead of being restricted by geographical boundaries. Additionally, online

lectures can be recorded, archived, and shared for future reference. This allows students to access the learning material at a time of their comfort. Thus, online learning offers students the accessibility of time and place in education.

### **Affordability**

Another advantage of online learning is reduced financial costs. Online education is far more affordable as compared to physical learning. This is because online learning eliminates the cost points of student transportation, student meals, and most importantly, real estate. Additionally, all the course or study materials are available online, thus creating a paperless learning environment which is more affordable, while also being beneficial to the environment.

### **Improved Student Attendance**

Since online classes can be taken from home or location of choice, there are few chances of students missing out on lessons.

### **Suits a Variety of Learning Styles**

Every student has a different learning journey and a different learning style. Some students are visual learners, while some students prefer to learn through audio. Similarly, some students thrive in the classroom, and other students are solo learners who get distracted by large groups.

The online learning system, with its range of options and resources, can be personalized in many ways. It is the best way to create a perfect learning environment suited to the needs of each student.

### **Disadvantage of Online Learning**

#### **Inability to Focus On Screens**

For many students, one of the biggest challenges of online learning is the struggle with focusing on the screen for long periods of time. With online learning, there is also a greater chance for students to be easily distracted by social media or other sites. Therefore, it is imperative for the teachers to keep their online classes crisp, engaging, and interactive to help students stay focused on the lesson.

#### **Technology Issues**

Another key challenge of online classes is internet connectivity. While internet penetration has grown in leaps and bounds over the past few years, in smaller cities and towns, a consistent connection with decent speed is a problem. Without a consistent internet connection for students or teachers, there can be a lack of continuity in learning for the child. This is detrimental to the education process.

### **Sense of Isolation**

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### **Teacher Training**

Online learning requires teachers to have a basic understanding of using digital forms of learning. However, this is not the case always. Very often, teachers have a very basic understanding of technology. Sometimes, they don't even have the necessary resources and tools to conduct online classes.

To combat this, it is important for schools to invest in training teachers with the latest technology updates so that they can conduct their online classes seamlessly.

### **Manage Screen Time**

Many parents are concerned about the health hazards of having their children spend so many hours staring at a screen. This increase in screen time is one of the biggest concerns and disadvantages of online learning. Sometimes students also develop bad posture and other physical problems due to staying hunched in front of a screen.

A good solution to this would be to give the students plenty of breaks from the screen to refresh their mind and their body.

### **Physical Health issues**

Some students face some eye problem while concentration online lecture on mobile on any other devices. Some students have pain in their ears because of continuously using earphone on ears and some face pain in their body.

### **1.3 Objective of the study:**

To study the impact of COVID 19 pandemic on teaching learning process

### **1.4 Research Methodology:**

The main purpose of this research is to study the impact of COVID 19 pandemic on teaching learning process. The study is descriptive in nature. The population of this study has consisted of 102 students of different colleges who are offering PG Courses in Maharashtra State. Students from various PG Colleges from Maharashtra have been selected by Simple Random Sampling Method. A well set questionnaire has been prepared for primary data collection. A Google form has been used as a tool for data collection. Researcher has considered only students as a stakeholder.

### **1.5 Analysis and Interpretation:**

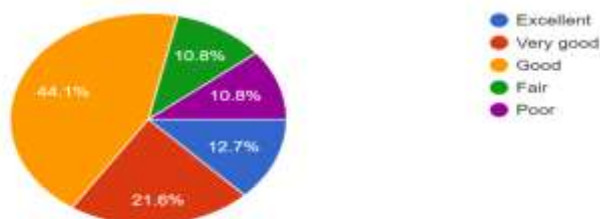
**Table No 1. Percentage of Likert Scale**

The Questionnaires' Item's	1	2	3	4	5
1. How do you feel overall about distance (online) education? (1=Poor, 2=Fair, 3=Good, 4=Very good, 5=Excellent)	10.8%	10.8%	44.1%	21.6%	12.7%
2. How effective has remote learning been for you? (1=Not at all effective, 2=slightly effective, 3=Moderately effective, 4=very effective, 5=Extremely effective)	11.8%	25.5%	30.4%	19.6%	12.7%
3. How helpful are your teachers while studying online? (1= Not at all helpful, 2=slightly helpful, 3=Moderately helpful, 4=very helpful, 5=Extremely helpful)	3.9%	6.9%	23.5%	43.1%	22.5%
4. How stressful is distance learning for you during the COVID-19 pandemic? (1= Not at all stressful, 2=slightly stressful, 3=Moderately stressful, 4=very stressful, 5=Extremely stressful)	14.7%	25.5%	29.4%	22.5%	7.8%
5. How was your overall experience learning from home? (1=Much worse, 2=Somewhat worse, 3=About the same, 4=Somewhat better, 5=Much better)	5.9%	13.7%	18.6%	34.3%	27.5%

**Graph No.1**

How do you feel overall about distance education?

102 responses



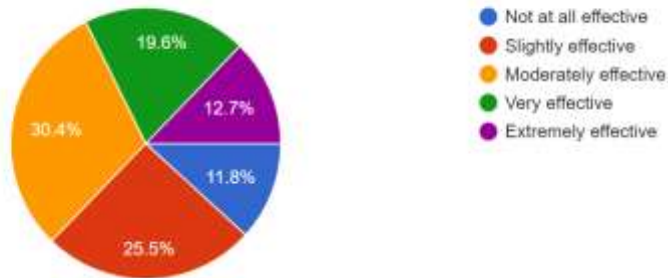
It is observed from above table and graph that, 44.1% students say that they feel online learning is good and only 10.8% students feel that online education is poor.

Hence it is concluded that, most of the students feel that the online education is good.

### Graph No.2

How effective has remote learning been for you?

102 responses



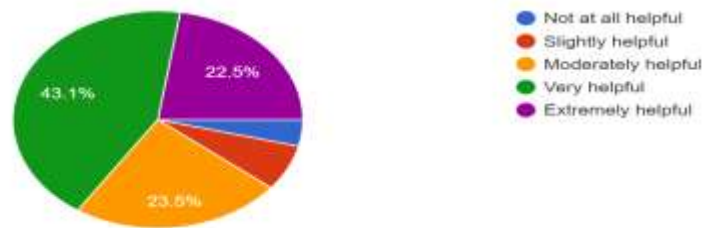
It is observed from above table and graph that, 30.4% students say that online education is moderately effective and only 11.8% students feel that it is not at all effective.

Hence it is concluded that, most of the students are of the opinion that the online education is moderately effective.

### Graph No.3

How helpful are your teachers while studying online?

102 responses



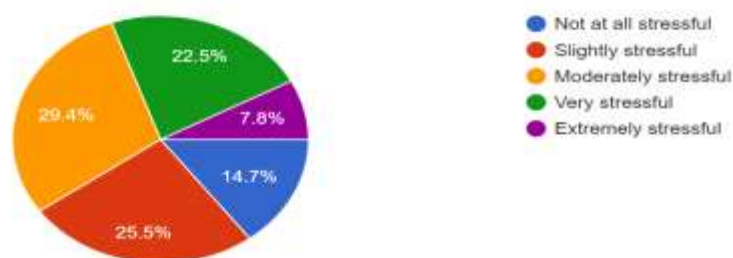
It is observed from above table and graph that, 43.1% students say that teachers are very helpful while studying online and only 3.9% students says that teachers are not helpful at all while studying online.

Hence it is concluded that, most of the students observe that the teachers are helpful while studying online.

### Graph No.4

How stressful is distance learning for you during the COVID-19 pandemic?

102 responses



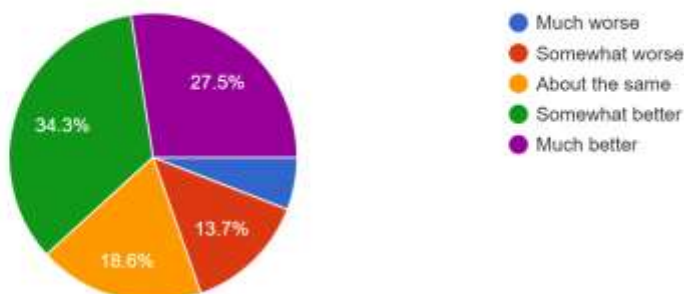
It is observed from above table and graph that, 29.4% students says that they feel moderately stressful and only 7.8% students feel extremely stressful.

**Hence it is concluded that, most of the students observe stress while studying online.**

### Graph No.5

How was your overall experience learning from home?

102 responses



It is observed from above table and graph that, 34.3% students says that they feel somewhat better and only 5.9% students feel much worse experience learning from home.

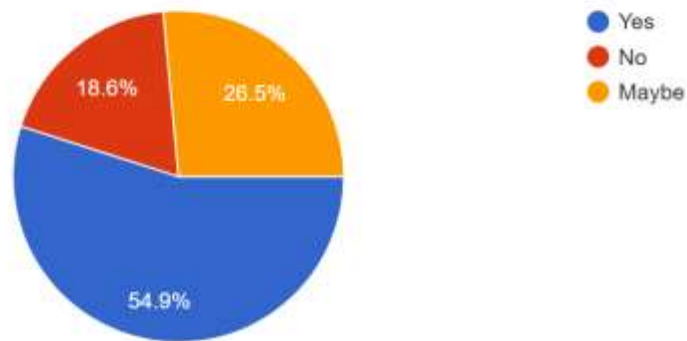
**Hence it is concluded that, most of the students observe that the experience of online learning is better.**

Sr.No	Questions	Yes	No	Maybe
1	Do you concentrate on learning remotely?	54.9%	18.6%	26.5%
2	Do you suffer connection issue on live lecture?	43.1%	38.2%	18.6%
3	Do you get enough time to complete the work of your assignment?	67.6%	19.6%	12.7%
4	Are you facing any physical problem while online activity?	24.5%	65.7%	9.8%

### Graph No. 6

Do you concentrate on learning remotely?

102 responses



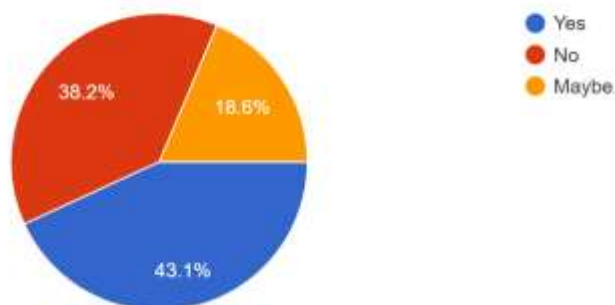
It is observed from above table and graph that, 54.9% students say Yes for concentration on learning remotely, and only 10.8% students says No for concentration on learning remotely,

**Hence it is concluded that, most of the students are able to concentrate on learning remotely.**

### Graph No.7

Do you suffer connection issue on live lecture?

102 responses



It is observed from above table and graph that, 43.1% students say Yes that they are facing connection issues in live lectures 38.2% student says No

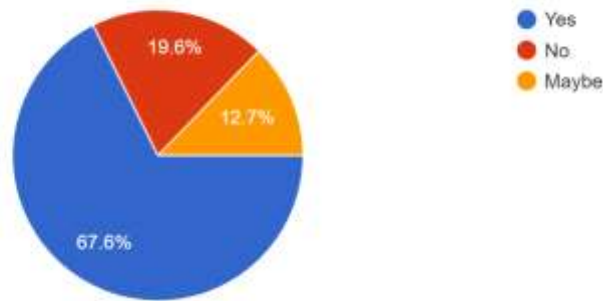
**Hence it is concluded that, most of the students are facing connection issues in live lectures.**

### Graph No.8



Do you get enough time to complete the work of your assignment?

102 responses



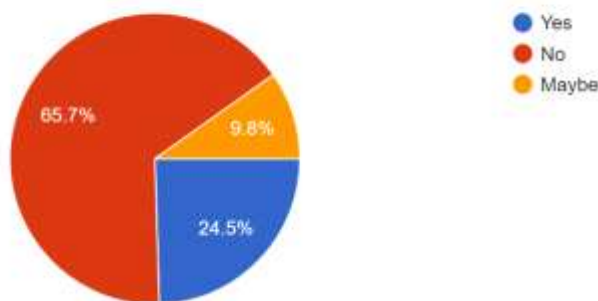
It is observed from above table and graph that, 67.6% students says Yes that enough time is given for completion of assignment work and 19.6% student say that enough time is not given for completion of assignment work

**Hence it is concluded that, most of the students are satisfied with time given for completion of assignment work.**

#### Graph No. 9

Are you facing any physical problem while online activity?

102 responses



It is observed from above table and graph that, 65.7% students say No that they are not facing any physical problem while doing online activity and 24.5% student says Yes

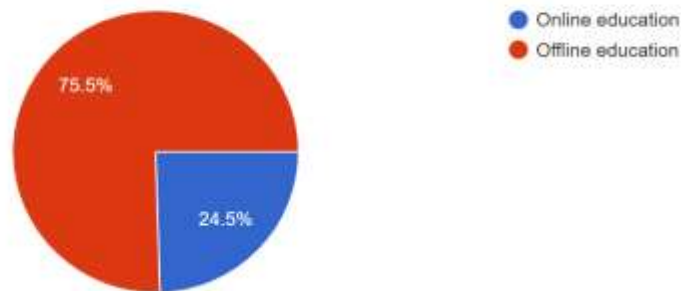
**Hence it is concluded that, most of the students have no any physical problem while observing online classroom.**

Question	Online	Classroom or Offline
What do you feel? Is Online education better or Classroom education?	24.5%	75.5%

## Graph No. 10

What do you feel is Online education is better or Classroom education?

102 responses



It is observed from above table and graph that, 75.5% students say that offline (classroom) learning is interesting and only 24.5% students say that online learning education is better.

**Hence it is concluded that, most of the students are satisfied with offline education.**

### **1.7 Conclusion**

We could not deny that method of teaching will change faster because of COVID-19. Though we felt that traditional teaching and learning is better, but technology changes it. Teachers have to always prepare themselves for the changing ways of teaching. They need to be creative and find an effective method in teaching their students. Online learning brought out effect for students achievement. It has various benefits over the traditional techniques of learning. Teachers need to arrange extra activity with specific period of time for relaxation and remove stress on students. Most of the students are attracted because of it's flexibility, although they need to bear the cost of using the Internet.

Finally it is concluded that in the COVID-19 pandemic situation it is important to use the online education, which is the best option but it is very essential to resume the traditional teaching learning process as and when the pandemic situation is over.

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