

Effects of COVID-19 Pandemic on University Education

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Abstract

The covid-19 pandemic has created one of the most important disruptions in the schooling system in the history of mankind. The pandemic has affected over 1.6 billion students in over 200 nations across the world. It has affected not just the student's perception on education but also the faculties way of teaching and educational institutions in various ways.

several researchers have shared their works on how the pandemic affected the teaching and learning in different ways. Several schools, colleges and universities have discontinued face-to-face teachings. There is a fear of losing 2020 academic year or even more in the coming future. The need of the hour is to innovate and implement alternative educational system and assessment strategies.

Key words: Online learning, Lockdown, Literature Reviews.

Introduction

The World Health Organization declared the outbreak a Public Health Emergency of International Concern on 30 January 2020, and a pandemic on 11 March 2020. 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. One of the major impacts that affected the student's lifestyle was the closure of schools, colleges, and other educational institutions. This study we conducted focuses on the various positives and negatives faced by graduate students from various universities based in India and their opinion on online-based learning. Initially, most governments have decided to temporarily close the schools to reduce the impact of Covid-19. Many students struggled to obtain the gadgets required for online classes. Teachers who are all experts in Blackboard, Chalk, books, and classroom teaching were new to this digital teaching, but they adopted the new methods and handled it like a pro to aid the students in the current position.

But on the negative side, many teachers were looking for an alternative job to support their families.

The shutting down of colleges and the selection of shifting traditional classrooms to digital systems is not simplest developing gaining knowledge of inequality among children, but moreover pushing a massive sort of children out of school/college due to the digital divide. Other than gaining knowledge of the absence of education would possibly moreover have an extended lasting effect on the health and vitamins of children.

However, while online learning can offer many benefits, distance education isn't necessarily the right choice for everyone. Some students may achieve better educational outcomes in a traditional, on-campus setting, which comes with advantages of its own. To get the most out of your degree, it's important to determine which style of learning works best for you. Further, we've compared the pros and cons of online college vs. traditional college. The key differences while students are choosing between online or in-person learning are scheduling flexibility, course structure, learning environment, the role of technology, the need for self-motivation, and exposure to networking opportunities.

Literature Reviews

Basilaia and Kvavadze (2020)-E-learning tools have played a crucial role during this pandemic, helping schools and universities facilitate student learning during the closure of universities and schools. While adapting to the new changes, staff and student readiness needs to be gauged and

supported accordingly. The learners with a fixed mindset find it difficult to adapt and adjust, whereas the learners with a growth mindset quickly adapt to a new learning environment. There is no one-size-fits-all pedagogy for online learning.

Petrie (2020) -As schools have been closed to cope with the global pandemic, students, parents and educators around the globe have felt the unexpected ripple effect of the COVID-19 pandemic. While governments, frontline workers and health officials are doing their best slowing down the outbreak, education systems are trying to continue imparting quality education for all during these difficult times. · Doucet et al (2020)-The flipped classroom is a simple strategy for providing learning resources such as articles, pre-recorded videos and YouTube links before the class. The online classroom time is then used to deepen understanding through discussion with faculty and peers. This is a very effective way of encouraging skills such as problem-solving, critical thinking and self-directed learning. Maurin & McNally (2008)-It is also possible that some students' careers might benefit from the interruptions. For example, in Norway, it has been decided that all 10th grade students will be awarded a high-school degree. Subedi et al., (2020)-E-learning tools have played a crucial role during this pandemic, helping schools and universities facilitate student learning during the closure of universities and schools. While adapting to the new changes, staff and student readiness needs to be gauged and supported accordingly. The learners with a fixed mindset find it difficult to adapt and adjust, whereas the learners with a

growth mindset quickly adapt to a new learning environment.

Objectives of Research

The main objectives behind this study are:

1. To study the effect of online classes on students' health and financial stability of their parents.
2. To assess the effect of online classes on students' personality.
3. To identify the student's preference between online and offline classes.

Research Design And Methodology

The study has been conducted on the basis of Primary data. The Primary data is collected from students of various colleges and universities through Google form. In the research design of our study we have designed a structured questionnaire in order to take responses from the respondents about how online classes and offline classes differ in the point of students. We are going to ask the structured questionnaire to the users or respondents. After getting the responses we can come to know how the pandemic changed the learning experience and student's opinion towards online and offline class.

Research Design

Tools to be used for data collection

Structured questionnaire would be used for collecting primary data from pan India. For collecting secondary available literatures, like magazines, journals, books and newspapers will be used.

Sampling technique

Simple random sampling techniques will be used for the purpose of data collection.

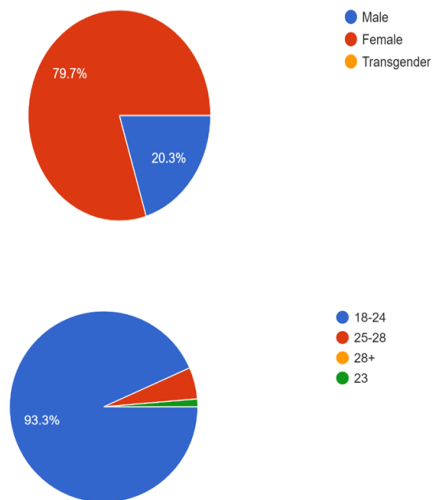
Data analysis/statistical tools to be used

Descriptive statistical tools or any other appropriate tools available would be used for analyzing the collected data.

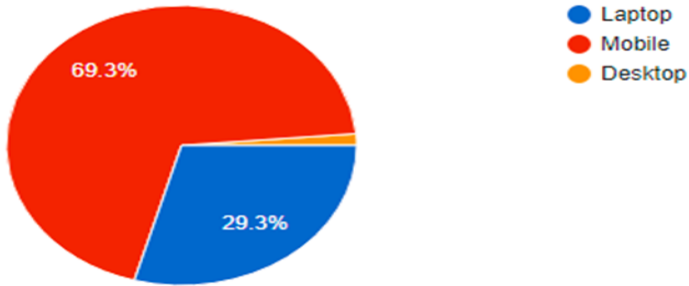
Graphical Representation And Analysis Of Questionnaires

Respondents

We conducted a survey with the help of Google form and the topic is Effects of Covid-19 on education during Lockdown. It has been identified 79.7 % students are female and 20.3 % are male and the age group is 20 to 35, from various departments of colleges and universities.

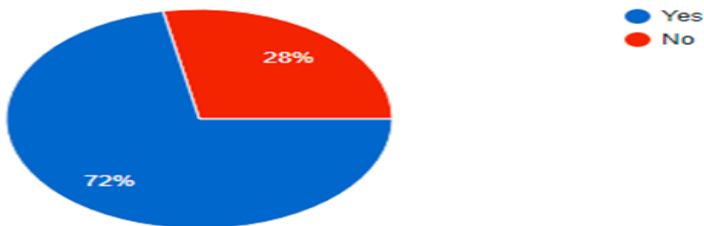


Q.1.How do you attend class?



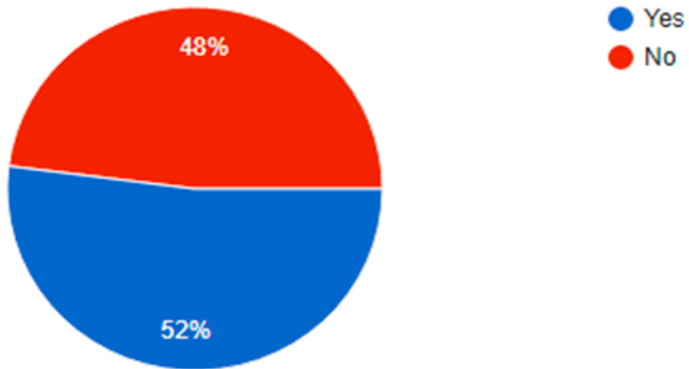
It has been identified that how people attend the class our options are laptop, mobile and desktop. It has been identified that many people are able to afford laptops for online classes and there could be many reasons. The result was that about 69.3% of people are attending the online classes by mobile. About 29.3% of people use laptops and 1.3% of people use their desktop for online classes.

Q.3. Do you attend the full duration of all classes?



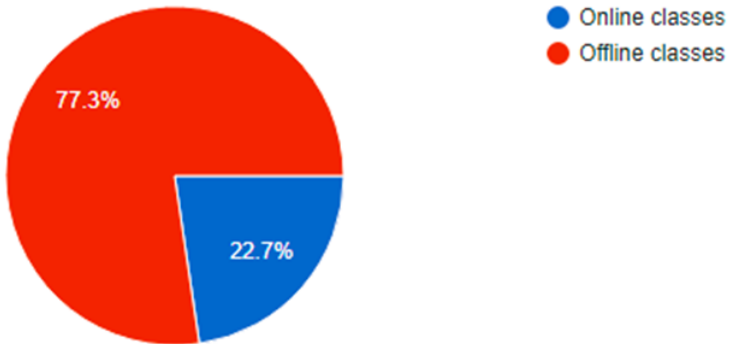
It has been identified that people attend full duration of all classes. The main reason to ask this question is that we want to know that does there is good engagement between teacher and student during the class. The result we got is 72% of people attend the class in full duration and 28% of people don't attend class in full duration.

Q.While attending online class are you able to understand concepts to the full extent?



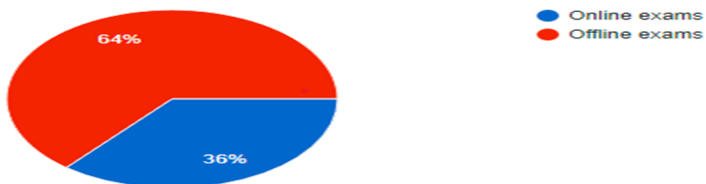
In this question It has been identified that people understand concepts to the full extent in online classes. The significance of this question is to identify whether the student is able to focus in the class or whether there is any difference in teaching style in online and offline classes. The result was that 52% of students are able to understand the concepts and 48% of students are not able to understand the concepts.

Q.5. Out of these, which one do you prefer?



It has been identified if students like online classes or not. The reason behind this question is whether students like to attend classes offline or not. The result was that about 77.3% prefer offline classes for learning while 22.7% of students prefer online classes for learning.

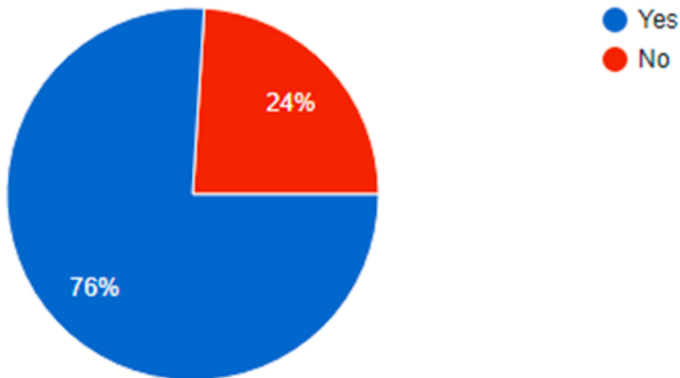
Q.6. Out of these, which one do you prefer?



In this question It has been identified which exam does the student prefer. The reason behind this question is that we want to know that doe's student likes writing exams in the examination hall with a pen with another student or attending exams alone at home with a laptop or mobile. The result was

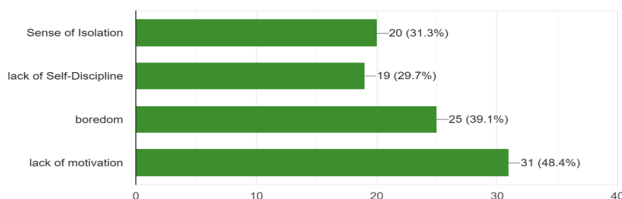
that 64% of students liked offline exams and about 36% liked online exams.

Q.7. Attending online classes is stressful?



It has been identified that online classes are stressful or not. The main reason behind this question is that people feel any type of stress while attending online classes. The result we got: 76% of people feel stress while attending online classes while 24% of people don't feel any stress.

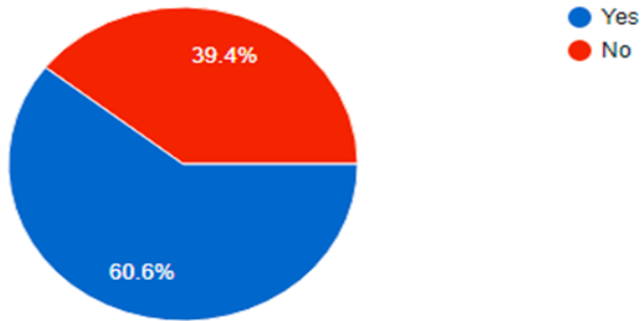
Q.8. Are you feeling any of the following symptoms?



It has been identified that if a student feels any symptoms of a sense of isolation, lack of self-discipline, boredom and lack of

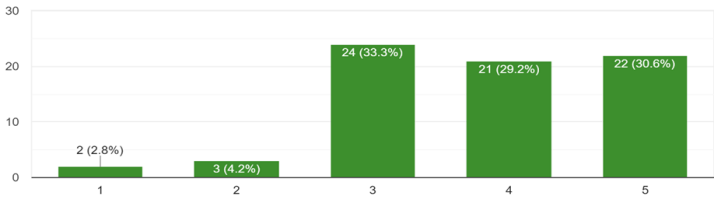
motivation. The result we get is 48.4% of people feeling a lack of motivation symptom, 39.1% of people feeling bored while attending classes, 29.7% of people feeling lack of self-discipline in them and 31.3% people feeling self-isolation.

Q.9. Are online classes affecting your sleep?



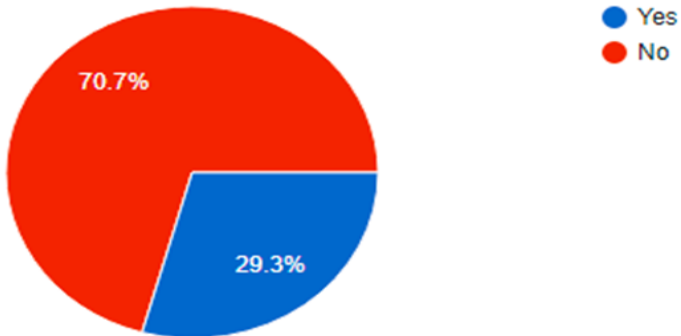
It has been identified that online classes affect their sleep. The main reason behind his question is that while attending online classes and continually watching screen do, they get sleep or their eyes get hurt. The result was that 60.6% of people sleep gets affected and 39.4% of people sleep not get affected.

Q.10. How active are you?



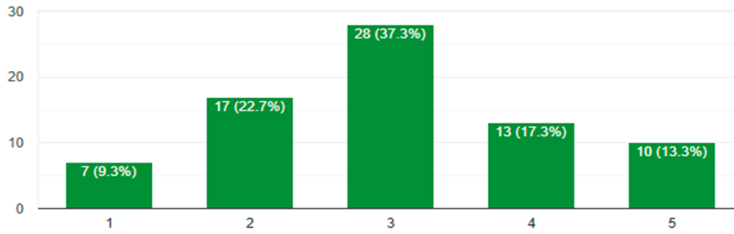
It has been identified how active students are in online classes. The reason behind this question is while attending online classes how actively students participate in classes. The result we got: 30.6% of students are active while attending online classes, 33.3% of students are neutral, they are not active enough and the rest are inactive while attending online classes.

Q.11. Are you able to develop your personality through online classes?



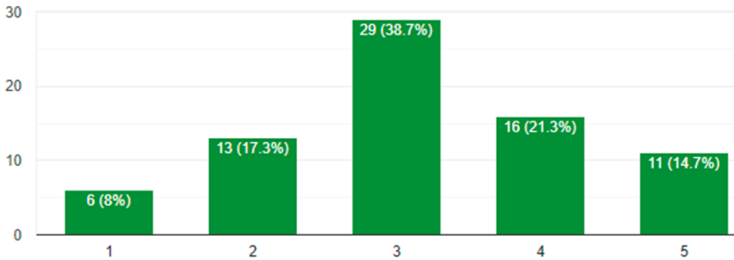
It has been identified that students are able to develop their personality by online classes. The main reason behind this question is that students communicate with others and develop their personality. The result is that 70.7% of students are not able to develop their personality while 29.3% of students are able to develop their personality through online classes.

Q.12. How would you rate ease of understanding the subjects in online classes?



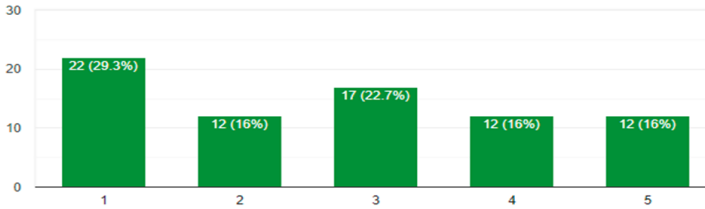
It has been identified that ease of understanding the subjects in online classes. The result we got is that 37% of students feel they understand something about the subject, 32% are able to understand the subjects and 31% of students are not able to understand about subjects.

Q.13. How would rate the ease of communicating with the professor through online classes?



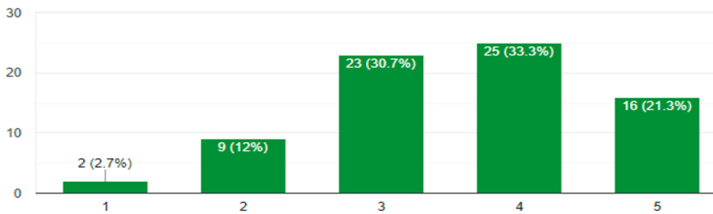
It has been identified that ease of communication with the professor. The result we got 39% of students feels that they communicate with the professor a little bit. 28% of students feel at ease while communicating with professors and 33% of students don't have ease of communicating with professors through online classes.

Q.14. how would you rate the ease of making friends through online classes?



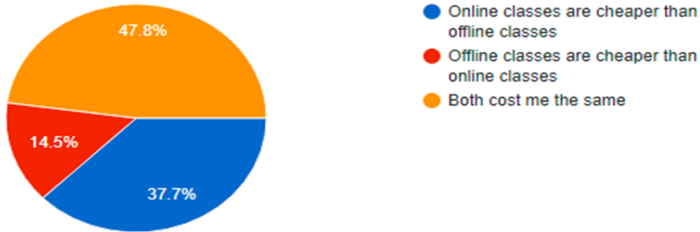
It has been identified that ease of making friends through online classes. The result we got is 46% of students not able to make friends, 23% of students are neutral means that they made some friends and 31% of students are able to make friends.

Q. 15. On a scale of 1 to 5 how attentive are you in online classes?



It has been identified that on a scale of 1 to 5 how attentive are students 5 be the most attentive 1 be the least attentive. 21.3% are most attentive they have selected 5 after that 33.3 % are slightly less attentive than 5, 30.7 are neutral they are least attentive than 4 and 5, 12% are least attentive than 3,4,5 and 2.7% of students are not attentive.

Q.16. How did online classes affect you financially when compared with the offline classes?



It has been identified that online classes affect students financially when compared with the offline classes. The result we got 47.8% of students feels that both cost them the same, 37.7% of students feels that online classes are cheaper than offline classes and 14.5% of students feels that offline classes are cheaper than online classes.

Conclusion

The review on the effect of the COVID-19 pandemic on instructing and learning across the world reasons that albeit different investigations have been completed, on account of emerging nations, appropriate instructional method and stage for various class levels of higher auxiliary, center and essential schooling should be investigated further. Internet speed is moderately low with lesser passageways, and information bundles are exorbitant in contrast with the pay of individuals in many emerging nations, along these lines making availability and reasonableness deficient. Strategy level intercession is expected to advance the present circumstance. Further investigation and examination on

compelling instructional methods for web-based educating and learning is a region for research. Making the internet show inventive, imaginative and intuitive through easy-to-understand devices is another area of innovative work.

School organizations are expected to prepare their instructor to the level that empowers the smooth internet learning framework. According to the future perspective, virtual classes will add to our country's educational development. We should uphold our administration to embrace online classes and assist our understudies with giving them the best future. Because of the enduring pandemic circumstance and burdensome measures, for example, lockdown and remain-at-home requests, the COVID-19 pandemic welcomes adverse consequences on advanced education. The discoveries of our review feature the critical need to foster intercessions and preventive procedures to address the emotional well-being of understudies.

The COVID19 pandemic has impacted every one of the areas and certainly the telecom industry too. Be that as it may, it has expanded the reliance of the on the advanced devices and administrations the organization traffic is additionally expanded because of limitation of the lockdown. So, the telecom business will have a brilliant future. However, for a splendid future, the telecom industry needs to keep themselves refreshed. Refreshing themselves implies they need to bring new items and advanced devices for their client. This

research also told that many students use mobile internet for online classes and while staying at home their family responsibilities have been increased and they are able to spend more time with family and there is a lack of making friends in online environment, students are not able to understand the concept clearly while attending online classes there are network glitches also there but through online education students can attend class anywhere they don't have to come to colleges. Coronavirus has been an unannounced visitor and has remained longer than we had expected. Coronavirus has required a few developments in the instruction area. This paper has momentarily clarified the positive effect of Coronavirus lockdown on understudies, instructors, specialists and non-teaching staffs which are four mainstays of the schooling system.

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