Chapter-07

PROJECT ON IMPACT OF ONLINE LEARNING DURING COVID 19

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ABSTRACT

Online learning has helped students to become independent learners before they make their way into the real world. Students got opportunities to explore new learning applications and platforms during the class, which helped them to develop new skills and capabilities accelerating their growth trajectory. Impacts include the lack of efficiency of technology, the difficulty for pupils to understand the concepts taught, and online learning causes social isolation and results in pupils not developing the necessary communication skills.

Since the start of the COVID-19 pandemic, educational institutions all around the world have moved fast to ensure that students' learning and safety are not impacted. During Covid-19, the goal of this project is to see how e-learning affects students in higher education. While each university is different, we believe that our analysis might shed some light on how successfully e-learning affected students in higher education throughout the epidemic. Following the distribution of a structured online questionnaire, descriptive analysis was conducted. Students from rural and poor places faced significant hurdles, such as the fact that online learning assures effectiveness and that e-Learning is the future of India's educational system.

Keywords: Covid-19, E-Learning, Education

INTRODUCTION

Education is a very important aspect of everyone's life. People regularly prefer to move from their own country to study in foreign countries for a variety of reasons. Most people think of studying abroad as a method to broaden one's views and discover different cultures. Many students want to study in developed countries with developing educational systems. Other students move to study for programmers that are either not available in their native country or are better than what is available there. Because everything has benefits and disadvantages, the process of obtaining

an education overseas involves both problems and rewards. learning is a versatile platform that eliminates boundaries such as a person's age, location, qualification, culture, and values. E-learning has added a new dimension to today's educational system by enhancing knowledge quality. We live in a worldwide society where everyone uses the internet to some extent.

As a result, the field of education is trying to improve its standards through the use of the internet, which connects distance learning to learning materials. E-learning emphasizes interaction between professors, students, and the online environment.

LITERATURE REVIEW

Online learning is becoming more popular. (Arfan Shahzad, Rohail Hassan, et al) (2020) in responding to the ever-emerging solution for the COVID-19 pandemic. Based on literature and a model, this study proposes a theoretical framework for determining E-learning site success. Men and women used online learning portals differently, according to the study. According to students, the goal of this study is to discover if male and female E-learning portals have different levels of accessibility. The study looked at service quality, system quality, information quality, user satisfaction, system use, and E-learning portal success. (Melanie Stephan, Albert Ziegler, et al) (2020) The current study looked at how well higher education students were prepared for emergency remote instruction in the case of a COVID-19 pandemic, as well as how that influenced their socio-emotional attitudes. They are ready for digital learning, according to the conclusions of a poll of N = 1,826 students in higher education.

Merits of Online Learning during Lockdown

1. Online learning leads to people to make the most efficient use of their time, which protects them from pandemic conditions like the spread of Covid-19.

2. It provides better access to professionals/professionals (both domestically and internationally), and learners can study it at their own pace and time 24 hours a day, 7 days a week. It enables geographical mobility, even to rural or remote regions.

Demerits of Online Learning during Lockdown

1. Not all youngsters have the proper understanding, abilities, and assets to keep themselves secure on the internet. Youngsters may be more targets of sexual exploitation online if they spend more time on virtual platforms.

2. It can lead to laziness in some college students who are at home, as well as a lack of emotion.

Research Objectives

The objective of this study are following

1. To know about the benefits of the use of technology.
2. To understand how e-learning is different from traditional learning.
3. Study the e-learning scope/future in India.
4. To understand the importance of e-learning during the Covid-19 pandemic.

RESEARCH METHODOLOGY

Research Design

This is a descriptive type of research.

Sample Size

To better understand the situation and condition of the project topic I prepared a "Google form" questionnaire link to collect the data which was sent to students by email. A total of 200

questionnaires were mailed out, with 149 providing complete data for this investigation. Faculty members at the university help in circulating the survey and encouraging students to fill it out. To better understand the distribution of research participants, descriptive statistics were used.

Percentage Analysis

One of the most used statistical strategies for analyzing and interpreting number one statistics is percentage analysis. It is concerned with the number of respondents' responses to a certain question as a percentage of the total population examined.

Data Analysis/Findings and Discussion

During this research project, I got to learn and understand about the online education system and e-learning profits and their negatives because we need to focus on the point where we need to improve.

So for that we try to collect the data but using an online platform which is Google form and most important part of that it is easy to use and understand so we prepared a questionnaire and shared the link through social media to increase the reachability for more response and for better understanding.

1. From the total responses of 149 we got 60% of Male and 35% of Female respondent and 5%are those who do not wish to tell about gender but from this outcome we understand that males are more actively taking online surveys sometimes.

2. In this point of report this is also the important question and responses for that question because e-Learning is not so old but a new trend in India and during COVID-19 it is used by almost every institution and schools. But apart from this COVID-19 situation this question's responses help us to understand whether the students or any learner used these

kinds of platforms or studied via e-Learning before COVID-19. And according to the responses we got and after understanding and analyzing that which also clearly shown, which tells us that from all of the respondents 5% of the people used to study via e-Learning but on the other hand 95% are those who are not studied via e- Learning ever, so from this we can say that it totally new trend and the new face of learning or face of change in Learning.

3. In today's market Google Meet is the well know name of e-learning/ e-education platform provider but there is most other with the brand name also.

4. According to the data collected, it's clear that students' and teachers' interaction is weak through online learning

5. As we all know that everything comes with some advantages as well as disadvantages similarly in this research report point to the question on the same and we get surprising data from that.

CONCLUSION

The suspension of COVID-19 has had a significant impact on academic activities. During the COVID-19 pandemic, this study looked into the effect of e on students in higher education. A total of 149 people took part in the study, 60 percent of whom were men, 35 percent of whom were women, and the remaining 5% were those who didn't want to reveal their gender. The bulk of the responders were under the age of 24. E- learning is an area of Indian educational and educational technology that is fast growing. Many students face major online learning concerns as a result of their usage of digital learning technologies, including Internet access issues, a dedicated study location, a personal device for taking online classes, and stress. Before the outbreak, the vast majority of the students polled had

never taken an online course. Surprisingly, more than half of the students indicated the outbreak made them study less than they had previously. Because of e-commerce, remote learning can be transformed into more innovative and effective learning environments.

RECOMMENDATIONS/ SUGGESTIONS

1. There are many kinds of problems in this online study system according to students which may be the quality of content, right platform as per their need, and etc.

2. This needs to be updated on a daily basis depending on the geographic area and the status of students, including from school to university.

3. High-speed internet connectivity should be provided to guarantee that all students, including those from disadvantaged groups and low-income families, have easy access.

4. There should a better present from both the teachers and the students, no matter where the teaching and learning take place the importance of faculty member and the students being there and being mentally present.

5. Whether you're attending a course online or in person, try to participate as much as possible.

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