Impacts Of Online Education Learning

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	Abstract
	This study was conducted to establish the effect of online classes towards the improvement of academic achievement. In addition, it revealed that such learning also had its downsides on a student's academic scores. According to the study, online education has both positive and negative effects in an academic setting as well as offering a flexible mode with minimal pressure coupled with social separation. This paper is aimed at examining the impact of using online learning on student's achievements in schools due to the spread of the pandemic. This objective was achieved through a meta-analysis of relevant studies that examined the impact of online education on students academics achievements in various nations from the years 2020 to 2022. In addition, this study will serve as a reference for future research that investigates whether learning outcomes have improved or deteriorated in a post-pandemic world. Qualitative methodological approach was adopted in this research for investigating the views of university and college students' concerning the quality of online education against their own online experience. Different digital and printed documents were gathered. Student positive and negative experiences were analysed. Some of those experiences were also identified as factors contributing towards them. The findings reveal that online education impacts academic achievement in an intermediate manner.
CC License CC-BY-NC-SA 4.0	***Keywords: Online Education, Online Learning, academic study, pandemic period***

INTRODUCTION:

The global information and communications technology revolution is driving changes in education around the world. The transfer has gained particular importance during the time of the pandemic that has contributed to the transformation acceleration and involves the replacement of traditional physical classroom settings by various information and communication technologies. Studies show the learning environment of ICTs is

connected satisfies the students most. As a result, it is important that we maintain interest in technology-based learning environments. It is obvious that technology has had a great effect in youth lives online. The education sector can tap into this digital revolution to align their learning needs with those of digitally addicted students. In general, it is worth noting that, even before we found ourselves in the middle of a global pandemic called COVID-19, it was high time for the educational system.

Covid-19, a pandemic in 2020 which left unexpected situations of uncertainty forced the Indian education system to switch in digital mode and lessons replacement which covered countrywide closing of schools. The way of living has totally transformed due to technological progress and the internet, which in turn impacted many industries. This move by the countries of migrating to online learning was due since COVID-19 had brought with it a global pandemic that needed to be contained. The Indian government has however tried controlling the damage by implementing online teaching through the digital classrooms, uploading and exchanging e-study materials, and virtual interactions but every tool and technique has its limits. Certainly, in future, it will affect quality, availability, delivery, and efficiency of learnable material provided for education. The pros and cons of online education could be numerous depending on the students involved in terms of their class, caste, gender, and economic condition.

The importance of focusing on the socio-demographic impact of the online learning process in higher education on students' classes, caste, gender, city, or village is discussed here.

OBJECTIVE OF THE STUDY :

1. Enhanced Learning Technologies: The impact of online education has propelled the development and adoption of new learning technologies.
2. Flexibility and Convenience: Learners have the freedom to access course materials and participate in learning activities at times and locations that suit their schedules, enabling a better work-life-study balance.
3. Skill Development for the Digital Age: Online education has played a significant role in preparing individuals for the demands of the digital age.

LITERATURE REVIEW:

"Impact of online classes on the satisfaction and performance of students during the pandemic period of COVID 19" by Ram Gopal Varsha Singh (2021)
This research aims to determine the key aspects that influence students online performance during the pandemic occasioned by the COVID-19 outbreak.

"The Impacts of online learning: Students Views" by Nopa Yusnilita (2021)
This shed light on the role that online learning plays in enhancing performance among students. Rapid growth in Information technology makes learning online possible. Online learning was of great interest among teachers and researchers.

"Online learning during COVID-19 produced equivalent or better student course performance as compared with pre-pandemic: empirical evidence from a school-wide comparative study" by Meixum Zheng and Daniel Bender
In a survey undertaken, it was established that most online lessons were well liked by the student and 80 percent desired to continue with some online instructions after the pandemic. The regression analysis showed that the perceived engagement and involvement were predictors for students' perceived effectiveness of an online course.

"The Impact of Online Learning Strategies on Students' Academic Performance." By Khaled Hamdan and Abid Amorri (2020)
This work gives us the educational processes of modern strategies in teaching / learning. e-Learning tries to make the users virtually present so that they can perform their natural acts of living. Some of these include learning goals and objectives, various pedagogical approaches, etc.

The Impact of Online Learning on Physical and Mental Health in University Students during the COVID-19 Pandemic by Yu-Hsiu Chu and Yao-Chuen Li (2022)

The COVID-19 pandemic has affected higher education organizations. New routine for online teaching and learning during school closures may bring lifestyle changes adversely affecting university student's health. Thus, this study aimed at examining the influence of online learning on the physical wellbeing and psychosocial aspects among the university undergraduates.

"Students' Performance in Online Learning Environment" by Dr Umair I. Siddiqi (2021)
The 2019 Pandemic has prompted students to take up online learning courses, raising their anxiety levels and affecting their academic performance. Such an issue pushes for the creation of better ways of making online learning workable in that time of panic.
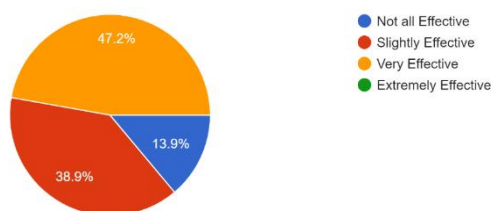
RESEARCH METHODOLOGY:

The survey that helped us to understand the insight of students for the impact of online learning. The collection of the data was done through surveys and observation. The data was collected from 36 respondents. Data was analysed to answer research questions. Students are involved in their perception of the survey. Directly involved in the virtual learning and during COVID – 19 conditions too. With the help of literature survey and informal discussion conducted with the students currently attending the online class, a preliminary questionnaire was developed.

Following are the sample questions:
1. How effective has online learning been for you?
2. How helpful has your university been in offering you the resources to learn from home?
3. Do you enjoy online learning?
4. How helpful are your
5. teachers while studying online?
6. How peaceful is the environment at home while learning?
7. Are you satisfied with the technology and software you are using for online learning?
8. Which type of device do you use for online learning?
9. How much time do you spend each day on online learning?
10. What do you not like about online learning?
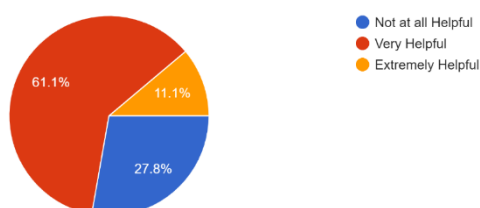11. On a scale rate your overall online learning experience?

DATA ANALYSIS:

1. How effective has online learning been for you?
36 responses

- Not all Effective
- Slightly Effective
- Very Effective
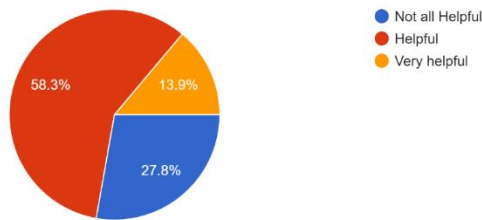- Extremely Effective

47.2% / 13.9% / 38.9%

From this figure 47.2% responses are : online learning is very effective.

2. How helpful your [School or University] has been in offering you the resources to learn from home?
36 responses

- Not at all Helpful
- Very Helpful
- Extremely Helpful
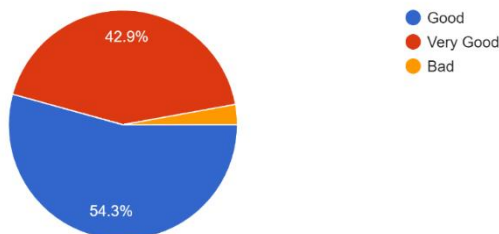
61.1% / 11.1% / 27.8%

From the figure 61.1% universities were very helpful during online lectures.

4. How helpful are your teachers while studying online?
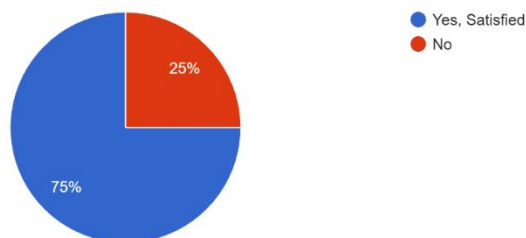36 responses

From the figure 58.3% teachers were helpful while studying online.

5. How peaceful is the environment at home while learning?
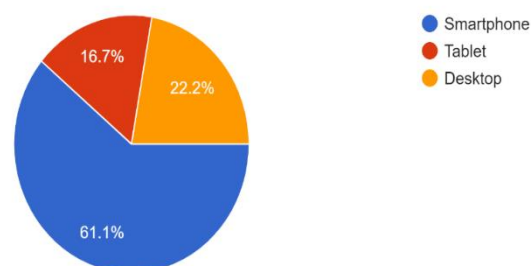35 responses

From the figure 42.9% environment was peaceful at home while learning.

6. Are you satisfied with the technology and software you are using for online learning?
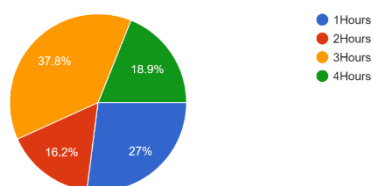36 responses

From the figure 75% responses are satisfied and only 25% are not.

7. What type of device do you use for Online learning?
36 responses

From the figure we understood the majority of the learners were using smartphones that is 61.1%.

8. How much time do you spend each day on Online learning?
37 responses

- 1Hours
- 2Hours
- 3Hours
- 4Hours

37.8%   18.9%   16.2%   27%

RESULT:

The impact of online learning on education is multifaceted and has yielded both positive and transformative results. Firstly, online learning has greatly expanded access to education, breaking down geographical barriers and allowing individuals from diverse backgrounds to pursue learning opportunities. This has resulted in greater inclusivity and equity in education, enabling more people to access knowledge and skills that were previously out of reach. Furthermore, the flexibility of online learning has empowered learners to engage with educational content at their own pace and on their own schedule. This adaptability has been particularly beneficial for working professionals and adult learners who seek to balance their educational pursuits with their existing responsibilities. As a result, online learning has played a significant role in promoting lifelong learning and fostering a culture of continuous skill development in the workforce. Additionally, online platforms have enabled educators to track student progress more effectively and tailor instruction to individual needs, leading to more personalized and effective teaching approaches.

CONCLUSION:

  In conclusion, the impact of online learning on education has been transformative, offering unparalleled opportunities for learners and educators alike. While it has brought about positive change, it also presents challenges that must be addressed to fully realize its potential for the future of education. Nonetheless, the continued evolution of online learning holds immense promise for shaping a more accessible, adaptive, and effective educational landscape. The impact of online learning on education is substantial and far-reaching. It has transformed the way people access knowledge and skills, offering unprecedented flexibility and accessibility. Online learning has made education more inclusive, allowing individuals from diverse backgrounds and locations to pursue their academic and professional goals. It has also revolutionized the learning experience, offering interactive and engaging resources that cater to various learning styles.

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