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# **A Study on Impact of COVID 19 on Students Learning of Class IX of ICMC High School of Hailakandi District of Assam**

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## **1. OVERVIEW:**

COVID-19 pandemic has been a worldwide serious issue that adversely impacted humans' life. It is understandable that the spread of COVID-19 caused school closures and lockdown around the world. Almost all countries experienced changes in education. Since the spread of the COVID-19 pandemic, the school have transformed teaching and learning and the teachers have been providing online classes. The Ministry of Education suggested to provide online learning through DIKSHA, Swayam Prabha TV channel etc. Moreover, the teachers have also used other platforms like, Zoom, Google Classroom, WhatsApp, and WebEx to deliver their lessons. SCERT, Assam provided recorded lessons through Air India Radio. It also prepared different worksheet for the school students to facilitate their learning at home during this school closure period.

ICMC High School is situated at Boalipar Part-II which is a rural area and students are also from rural background.

Here in this study, it is aimed to investigate the impact of the COVID-19 pandemic on students' learning of class -IX students in ICMC High School of Hailakandi district.

### ***1.1 NEEDS OF THE STUDY:***

Covid-19 pandemic shifted all the normal classroom teaching procedure to online mode. Govt. of India as well as State governments have taken various measures to facilitate the school learning in online mode. Here this study will help to get the-

- (i). Learning gaps caused by the lockdown during covid-19 pandemic.
- (ii). Effectiveness of online learning during the school closure period.

### ***1.2 OBJECTIVES OF THE STUDY:***

This study will focus on-

- (i). To analyze the impact of COVID-19 pandemic on students' learning of class IX students.
- (ii). To analyze the impact on different aspects of students learning.

### ***1.3 SCOPE OF THE STUDY:***

The findings of this study are focused on respondents answer in a certain area. The study will help to find out the difficulties faced by the students and the learning gaps that has been created due to the Covid-19 pandemic. Parent Teachers will get insight into the students position in their academic life during Covid-19.

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## **2.1. COVID-19 AND EDUCATION:**

The COVID-19 pandemic is a huge challenge to education systems. The COVID-19 pandemic has disrupted the lives of students in many ways, depending not only on their level and course of study but also on the point they have reached in their programs. Students have faced many issues during covid-19.

Initially, most governments have decided to temporarily close the schools to reduce the impact of Covid-19. In India it was reopened later in a phased manner depending on the situation of infectivity rate in different states. Though schools are closed, students were attending their classes through various education initiatives like online classrooms, radio programs. Though it is a good thing happening on the other side, there were many students who could not manage resources to attend the classes online. Many students were struggling to obtain the ICT tools required for online classes.

India government tried to facilitate the online learning of students through different portals like- Diksha portal, e-pathshala, Swayam Prabha etc.

This pandemic has not only affected the students but also the low-budget institutions and schools, resulting in close-down the same. Technology paves the way for education. thus, helping the students and teachers to connect virtually through online classrooms, webinars, digital exams, and so on. The students from less privileged backgrounds had experienced larger negative impacts due to Covid-19 outbreak. Reduction in family income, limited access to digital resources, and the high-cost expenditure in buying gadgets were disrupted the academic life.

## 2.2. ADVANTAGES OF ONLINE LEARNING DURING COVID-19:

Covid-19 has been the deadliest virus in centuries. It is spreading like a wildfire and the only way to stop it is social distancing. To abide by this rule, schools started online classes. It may have been difficult in the beginning but eventually, everybody adapted to the concept of online learning. Following are some of the advantages of online learning-

- (i). Online classes are way more convenient than physical classes because everyone can attend from its own place.
- (ii). Online classes are cost-effective because it totally eliminates the cost of maintaining the physical location.
- (iii). From attending classes through video calls to recording those videos to many more such interesting things were learnt by many for the first time. From accessing study material to giving a test online, so much was taught through the online education concept.
- (iv). It surely helped everyone grow their online skills.

## 2.3. DISADVANTAGES OF ONLINE LEARNING DURING COVID-19:

- (i). Internet issues, laptops not working and no electricity are just a few problems to name. These are some of the problems that students and teachers often face and are helpless. There are no such solutions for it.
- (ii). Lack of proper classroom management.
- (iii). The biggest disadvantage faced by the parents was the massive expense of buying laptops/smartphones.
- (iv). Lack of interest among the students during classes

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## 3.1 SAMPLING AND PROCEDURE OF DATA COLLECTION:

The students of class IX (Section B) have been selected for conducting this work.

First, the student teacher meets with the Head of the School and shared the aim of the research to take their agreement asking the students to cooperate with the student teacher and participate in the study. After the permission was taken from the authorities, the student teacher shared the survey questionnaire in printed form to the respondents' and asked for their voluntary participation to fill out the questionnaire. It took around 10–15 min of participants' time to fill out the questionnaire. Students with odd roll numbers were selected for participating in the survey.

The present study uses both primary and secondary data. Primary data were collected using a survey questionnaires and interviews. 5 students were selected randomly for interviews.

On the other hand, secondary sources like books, journals, magazines and e-resources have also used for this study. The results of the study are interpreted and reported accordingly.

## 3.2. DATA ANALYSIS:

In this study the data are collected using the printed survey form and taking interviews of the selected students. The gathered data are represented in three steps. First Percentage of students' experiences on Learning during covid-19 were calculated from survey questionnaire related to learning, Next impact of Covid-19 on different aspects of students learning are shown and then findings of interview from selected participants are presented. Formula used for calculating the percentage is-

$$\frac{\text{No.of respondent agreed/disagreed to the statement}}{\text{Total No.of Respondent}} \times 100$$

<u>Statements</u>	<u>Agree</u>	<u>Disagree</u>
I am satisfied with 'online teaching' concept during Covid-19.	20%	80%
I feel that I have to study more in online teaching.	60%	40%
I find peaceful environment at home to study.	70%	30%
I think that online teaching concept will continue after the Covid19 crisis.	40%	60%
I feel that I need physical document or equipment to study from home.	90%	10%
I realize that most of the students don't have access to online education.	80%	20%
I got my family support for online learning during covid-19.	40%	60%
Online learning concept is suitable for all kinds of students.	10%	90%
I browsed different you tube content for my studies during covid19.	20%	80%
Family responsibilities are increased while studying from home.	70%	30%
I face some health issue while studying at home	40%	60%
I feel like isolated during online teaching	80%	20%
I feel comfortable while studying at home in comparison to school	50%	50%
I have contributed towards prevention of spreading of Covid -19	20%	80%
I received support from my teachers.	70%	30%
I had internet and electricity facility during Covid-19.	60%	40%
Overall online teaching was very effective for me.	10%	90%

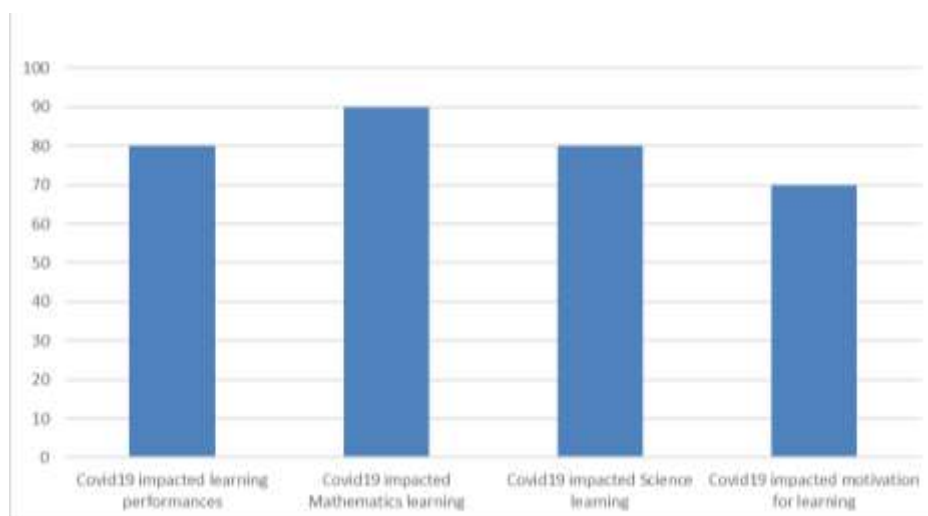
### 3.3. FINDINGS:

**Table1: Percentage of students' experiences on Learning during covid-19**

The data were gathered from 20 participants. Table-1 shows percentage of students' experiences of teaching and learning during the COVID-19 pandemic. It shows that the majority of the respondents disagreed with the statements that overall learning was effective for them during covid-19 period. Majority were with the opinion that they need physical document for their effective study. 80 percent of the respondents shared that they feel isolated while studying at home during covid-19 period. The overall data as interpreted indicates that they did not experience a good teaching and learning during the COVID-19 pandemic.

#### ***The impact of COVID-19 pandemic on students' learning:***

Chart-1 shows percentage of students' perception about the impact of the COVID-19 pandemic on different aspects of students' learning. It indicates that most of the of the respondents strongly agreed or agreed with the statements indicating that the COVID-19 pandemic affected students' learning.



**Chart 1: Impact of Covid-19 on different aspects of students learning.**

Themes	Participants I	Participants II	Participants III	Participants IV	Participants V
<b>Students' experiences of Teaching during Covid-19</b>	Our teachers created chat groups and used to share some materials topic wise.	I was having only one smartphone with my father that's why most of the time could not manage to read study materials on time as fathers was out of home most of the time.	Online teaching was not much effective for every one because many students did not have smart phone and computer in their family.	Our teachers used to communicate through WhatsApp group chat and share some study materials with us.	Many times, I could not manage to load the content of study materials sent by teachers' due poor network connectivity in my area.
<b>Students' experiences of learning during Covid-19</b>	Due to lack of Internet and technological problems, online learning was not effective for me	I just used to contact with my classmates through mobile calls and ask them for the home works given by the teachers.	COVID-19 acted as a barrier because I was not able grab sufficient knowledge from the supplied study materials.	As there was no regular school, I used to spend most of the time in other activities.	I used to revise my chapters and notes, but my learning outcome was very low because there is no pressure from the teacher, so we did not study enough.

**Table 2: Findings of interview from selected participants**

Table-2 shows the theme wise finding of the interview from the students. The raw data showed that almost all the participants were not satisfied with online teaching and learning during the COVID-19 pandemic and they faced different challenges such as lack of, lack of adequate technological facilities and family conditions, which negatively affected their learning experience during the COVID-19 pandemic. Participant I stated that their teachers used to share some questions from each part of their lessons and ask students to digest and find answers for them. In addition, he indicated that he faced network issue while downloading the content and many time missed the content. Participant II stated that she was having only one smartphone at their home with her father that's why she could not manage to do the work as given by teachers. Participant III stated that he was not able to grab the concept from the study materials provided. Participant IV stated that as there were no regular school, he spent his maximum times in engaging in other activities. Participant V stated that as there was no pressure from the teacher that why did not study enough.

### **3.4. CONCLUSION AND RECOMMENDATION:**

COVID-19 is a global serious issue that has completely changed people's way of life in any corner of the world. It has impacted on the learning outcome of students. Students did not experience a good activity because the faced different problem in online learning concept. They could not able to grab the accurate content knowledge of different subjects. Most of the students could not grab the content knowledge of the subject Science and G. Mathematics.

Therefore, it has been suggested that some basic important concepts may be taught to students in remedial mode. It has also been suggested that a proper policy may be made available so that student do not get impacted in continuing their studies in their present standard.

4.1. PHOTO GALLERY:



A group photo with Principal and Supervisors



Glimpses of distributing survey questionnaire to the students for taking their opinion





Student Teacher interviewing the students



Student Teacher receiving the responses made by the students

Government of Assam  
Office of the Principal  
Charter Institute of Education and Training - Hailakandi - Assam

QUESTIONNAIRE

Date: 23/08/22

Topic: IMPACT OF COVID-19 ON THE LEARNING OUTCOME OF Students in the Schools of  
Assam District of Assam.

Name: Saimina Khatun Islam Registration: Student  
Roll No: 03 School: \_\_\_\_\_  
School Name: ICATP High School Block Name: \_\_\_\_\_

1. How much do you satisfied with "online teaching" concept in this Covid - 19 situation?  
Answer: Yes
2. Do you feel that you have to study extra regular teaching?  
Answer: Yes
3. Do you find yourself disinterested during to study?  
Answer: No
4. Do you think that you have contributed towards prevention of spreading Covid - 19?  
Answer: Yes
5. Do you think that online teaching concept will continue after this crisis?  
Answer: No
6. Do you feel that you need physical facilities or an equipment to study from home?  
Answer: No
7. Do you feel that internet sharing online learning?  
Answer: Yes
8. Are you feeling comfortable while studying at home in comparison to school?  
Answer: No
9. Do you feel that all ICT's skills should you are being used to study online?  
Answer: No
10. Do you realize that most of the teachers don't have access to online resources?  
Answer: Yes
11. Do you agree that online teaching concept is suitable for all kinds of students?  
Answer: No
12. Do you feel that monitoring of students is difficult in online teaching?  
Answer: Yes
13. Do you believe that you are facing some health issue while studying at home?  
Answer: Yes
14. Do you feel that family responsibilities are increased while studying from home?  
Answer: Yes

Signature: \_\_\_\_\_ Name: Saimina Khatun Islam  
Roll no: 3

A Snap of response sheet collected from a student



A view of the school campus

#### 4.2. References:

1. Abbasi S., Ayoob T., Malik A., Memon S.I. Perceptions of students regarding E-learning during COVID-19 at a private medical college. *Pak. J. Med. Sci.* 2020;36(COVID-1919-S4): S57
2. Day T., Chang I.C.C., Chung C.K.L., Doolittle W.E., Housel J., McDaniel P.N. The immediate impact of COVID-19 on postsecondary teaching and learning. *Prof. Geogr.* 2021;73(1):1-13.
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