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## Impact of Covid-19 on Student's Learning Process with special reference to Higher Education System -In Navi Mumbai Area

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### **Abstract:**

*In the era of globalization, the Education System are changing its trends, learning style and teaching style too. The educational services have become prominent in most of the cities. Students become very choosy about different courses; in that Higher Education system are changing because of Covid-19 Pandemic situation. The Title of this research paper "Impact of Covid-19 on Higher Education system with special reference to Mumbai Area". The objectives of this study were to know different factors affecting on higher education system The Hypothesis were  $H_0 =$  Facilities provided by Institutions and Students Learning are not associated by each other and  $H_1 =$  Facilities provided by Institutions and Students Learning are associated by each other. Primary data have been collected using the structured questionnaire with personal interviews to 155 Students. Simple Random sampling method was adopted for the study. Secondary data were collected from television, newspapers, magazines, text books and related websites. The present study is descriptive in nature. The collected data were analysed through graphical presentation. This study will help us to know the Change in Students Learning Style, different factors affecting in improving higher education system, impact of Covid-19 Pandemic situation on education system.*

**Keywords:** Students Learning, Higher Education System, Pandemic Situation.

### **Introduction:**

COVID-19 has caused a great deal of uncertainty in higher education. Higher Education means to gain higher educational qualification by the teaching-learning process in the higher educational institutes such as colleges and universities. And higher education imparts knowledge, develops the student's ability and also give him/her a wider perspective of the world around. Higher education becomes input to the growth and development of industry and also seen as an opportunity

to participate in the development process of the individual through a flexible education model and techniques. Higher education system plays an important role for the country's overall development which includes industrial, social, economic etc. The role of Indian higher educational institutes such as colleges and universities in the present time is to provide quality based education in the field of education, research etc to empower youth for self sustainability.

### Review of Literature:

1. Shazia Rasid and Sunishtha Yadav (2020) in their study titled as "Impact of Covid-19 Pandemic on Higher Education and Research", COVID-19 outbreak has caused a downward spiral in the world economy and caused a huge impact on the higher education system. This study has thrown the focus on utilising eLearning tools and platforms for effective student engagement which may have limitations of accessibility and affordability for many students. In the post-pandemic situation, the use of eLearning and virtual education may become an integral part of the higher education system. The higher education institutions and universities need to plan the post-pandemic education and research strategies to ensure student learning outcomes and standards of educational quality.<sup>(1)</sup>
2. Daniel Woldeabl and Thomas Brothen<sup>2</sup>, (2019) titled as 21st Century Assessment: Online Proctoring, Test Anxiety, and Student Performance explained about online learning. As online learning surfaces as the new model of contemporary education both in the United States and worldwide, ensuring exam integrity in the online environment is becoming a major challenge to many higher education institutions. The study, which was conducted on a total of 631 students, assesses the effect of online proctored exams on student test anxiety and exam performance. This study shows that high trait test anxiety results in lower exam scores and that this is especially true for those students with high text anxiety taking exams in an online proctored setting.<sup>2</sup>

### Objectives:

1. To know different factors affecting on higher education system .
2. Satisfaction of Students towards learning in Higher Education.
3. Problem faced by students during Covid-19 Pandemic.
4. To examine challenges faced by students in adopting online learning process
5. To study the perception of students on online learning during Covid-19

### Hypothesis:

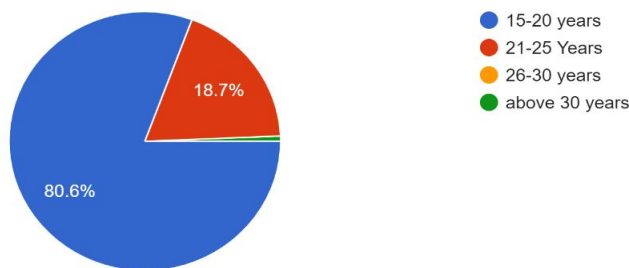
$H_0$  = Facilities provided by Institutions and Students Learning are not associated by each other  
 $H_1$  = Facilities provided by Institutions and Students Learning are associated by each other.

**Research methodology:**

1. **University of Study:** The university of study shall be Navi Mumbai only.
2. **Sample Design:**
  - Our survey will focus on thinking of Navi Mumbai’s public.
  - The current population of **Mumbai** is **20,185,000 (2021)**.
  - The current population of **Navi Mumbai** is **1,119,477 (2021)**.
  - The **literacy rate** in Navi Mumbai is **911,542** that is **91.57%**.
3. **Research Design:** Descriptive type of Research Design.
4. **Collection of Data:** The collection of data is divided into two parts that is primary as well as secondary data.
  - **Primary Data:** In primary data the information is collected through survey.
  - **Secondary Data:** The secondary data is collected through books, internet, articles, reports, newspapers etc.
5. **Sample size:** 155 students only.

**Data Collection and Interpretation:**

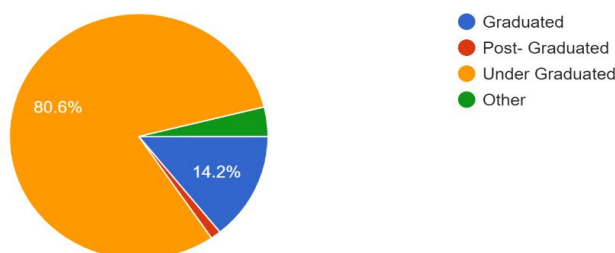
Age  
155 responses



**Interpretation:**

The average age of the respondents are within the 15-20 years (80.6%) and some respondent are of the age within 21-25 years (18.7%).

Degree  
155 responses

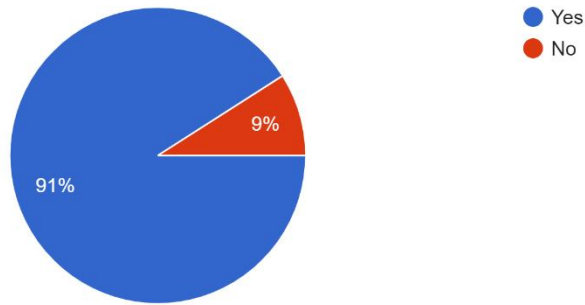


**Interpretation:**

From this analysis its clear that more than 80.6% are under graduated and only 14.2% are graduated.

1. Are you in Higher Education.

155 responses



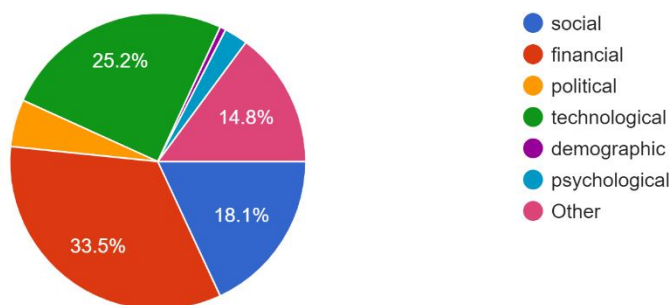
Students in Higher Education:	
Yes	No
91%	9%

**Interpretation:**

Around 91% of respondent are in higher education and only 9% are not in higher education.

2. As per your opinion what are the factors influence on higher education system:

155 responses

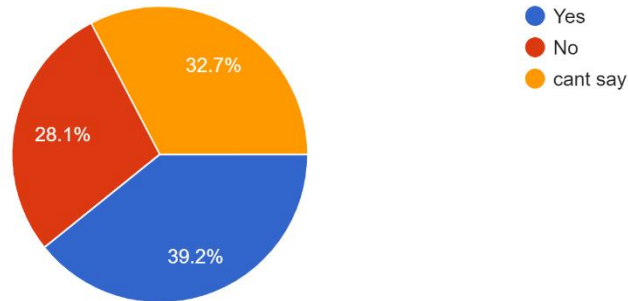


**Interpretation:**

Around 33.5% of financial, 25.5% technological factors, 18.1% social factors, and around 14.8% on other factors factors influence on higher education system.

3. Are you satisfied towards education system during covid -19 pandemic

153 responses



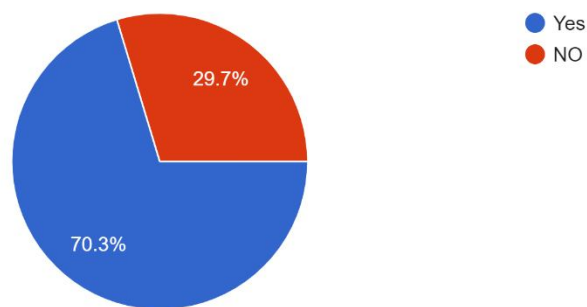
Students satisfaction towards education system during Covid-19:		
Yes	No	Can't say
39.2%	28.1%	32.7%

**Interpretation:**

Only 39.2% of the respondents are satisfied towards the education system during covid -19 system and 28.1% respondents are not satisfied and around 32.7% respondent are of mixed opinion regarding the satisfaction level towards the education system during covid -19 system.

4. Do you face any problem during Covid-19

155 responses



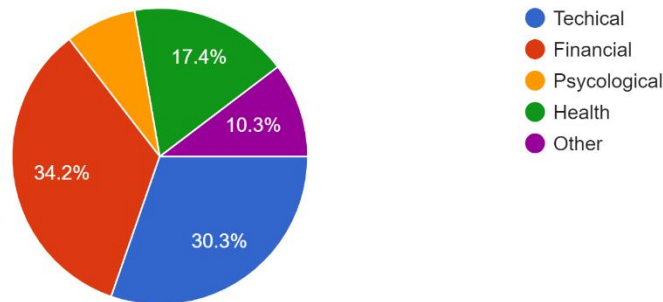
Students faced problems during Covid-19:	
Yes	No
70.3%	29.7%

**Interpretation:**

It's very clear from this analysis that 70.3% respondents are facing the problems during covid 19 and only 29.7% respondents are of the opinion that they are not facing any problems during covid 19.

5. Which type of problems you face in this pandemic situation.

155 responses



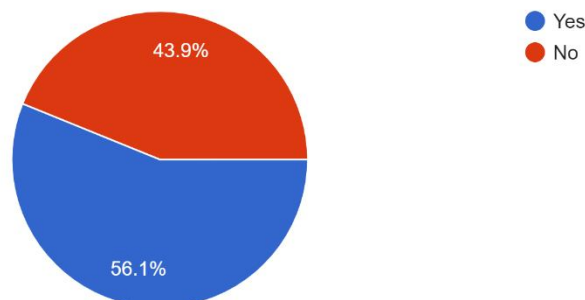
Types of problems Students faced during Covid-19:				
Technical	Financial	Psychological	Health	Others
30.3%	34.2%	7.8%	17.4%	10.3%

**Interpretation:**

Around 34.2% of the respondents face financial problem, 30.3% respondents face technical related problems and 17.4% having health problem in this pandemic situation and 10.3% respondents are facing other type of problems during this pandemic situation.

6. Did you face any challenge in adopting online learning process

155 responses

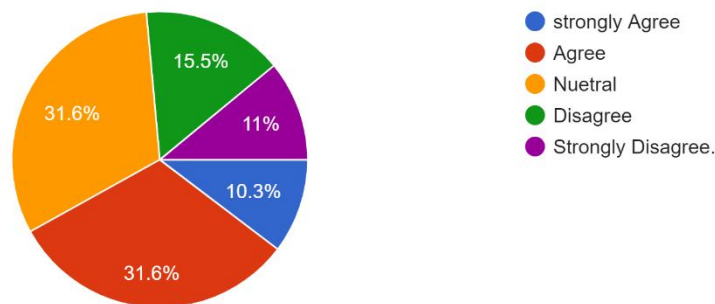


Students faced any challenges during Covid-19:	
Yes	No
56.1%	43.9%

**Interpretation:**

Around 56.1% respondents face challenges in adopting online learning process and around 43.9 % respondents does not face any challenge in adopting online learning process.

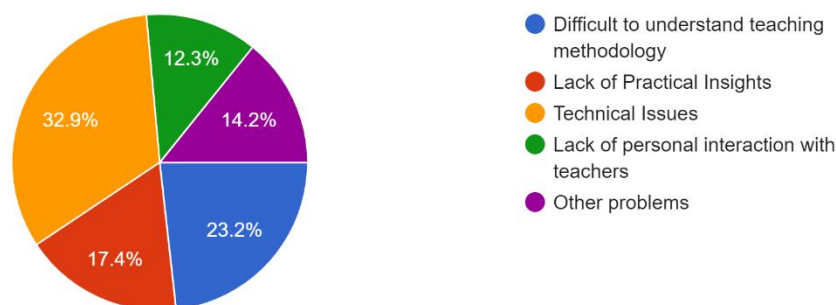
7. What is your Opinion about the statement -"Online learning process is good in Higher Education System".  
 155 responses



**Interpretation:**

Out of this analysis it’s clear that around 31.6% respondents are of the agree and neutral , and around 15.5% are disagree, 11% strongly disagree and 10.3% respondents are of the opinion about the statement- “ Online learning process is good in higher education.

8. Which type of challenges did you faced during Covid- 19 in adopting Online Learning process.  
 155 responses



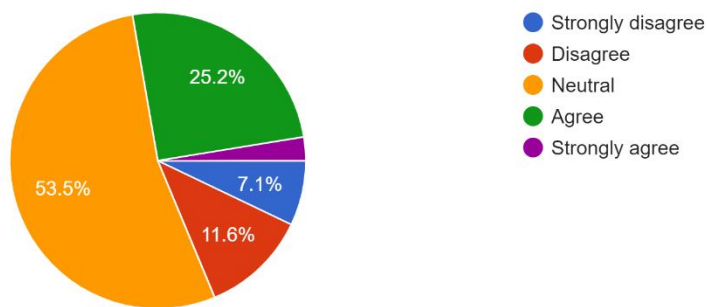
**Interpretation:**

In this analysis its clear that 32.9% having technical issues challenge during covid- 19 and 23.2% respondents face difficulties to understand teaching methodologies and 17.4%respondents are

lacking the practical insights, around 14.2 % respondents are having other type of problems and around 12.3 % respondents are of the opinion of lack of personal interaction with teachers in adopting online learning process.

9. What is your opinion about the statement- " Facilities provided by the institution and students learning are associated with each other".

155 responses



Opinion about the statement, “ Facilities provide by the institutions and students learning are associated with each other.”				
Strongly Agree	Agree	Strongly Dis- Agree	Dis Agree	Neutral
2.6%	25.2%	7.1%	11.6%	53.3%

**Interpretation:**

If we interpret regarding the statement –“ facilities provided by the institution and students learning are associated with each other “, then around 53.5% respondents are neutral about the statement and 25.2% respondents are agree, 11.6% respondents disagrees and only 7.1% respondents strongly disagree with the statement.

**Findings:**

1. It has been found that 70.3% respondents are facing the problems during covid 19 and maximum students are facing financial problem .
2. It has been observed that some students are satisfied towards the education system during covid -19 system and some students have shown mixed opinion regarding the satisfaction level towards the education system during covid -19 system
3. Maximum students are agree with the opinion about the statement- “ Online learning process is good in higher education.”



4. Many more students are facing challenges in adopting online learning process especially Technical issues.
5. Maximum students are agree with the statement that—" facilities provided by the institution and students learning are associated with each other". Hence alternative hypothesis is accepted and null hypothesis is rejected.

### **Limitations:**

1. Study is restricted to Navi Mumbai Area Only.
2. Due to time constraints covered limited sample size.
3. Covered Students responses only.

### **Suggestions:**

1. Institutions need to provide various facilities such as financial assistance, and support in any way to get Higher Education.
2. Online platform for Learning is to be provided by Institutions.
3. Need to be more emphasised to provide Practical Knowledge to the students in Higher Education.
4. During Covid-19 Pandemic situation, Online Platform is good to coordinate with students.

### **Conclusion:**

It has been concluded that even though maximum students are satisfied towards learning in Higher Education but there are different factors which affects on higher education system such as Financial , Technical, Psychological, governmental, Socio-cultural etc. and it has been observed that maximum students faced financial problem in this Covid-19 Pandemic Situation. Maximum students are agree with the opinion about the statement- " Online learning process is good in higher education". Many more students are facing challenges in adopting online learning process especially Technical issues. Maximum students are agree with the statement that—" facilities provided by the institution and students learning are associated with each other". Hence alternative hypothesis is accepted and null hypothesis is rejected. Institutions need to provide various facilities such as online platform, financial assistance, and support in any way to get Higher Education.

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