

Research Article

A Study of the Problems that Students Face in an Online Teaching During COVID -19 Pandemic

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A B S T R A C T

Today the whole world is facing the covid-19 pandemic. All sectors of the economy are badly affected. In India under unlock: 04, Government allows only essential sectors to work. But schools, institutions of higher learning, places of entertainment, etc. are still closed. COVID-19 is not only harming many human lives but also causing loss of funds needed for the development of the country, loss of funds due to industries in the secondary,,,,,, AND service sectors which are the driving force behind the country's development, confusion in the marketing of commodities, farmers who are the backbone of our country are having trouble selling their agricultural produce to the end consumers. This leads to a decrease in the GDP of the country. ,,,,,, AND unemployment is increasing, affecting all the informal sectors of our economy, but COVIDE -19 has brought about new changes in the Indian education sector despite its many impacts.

The COVID-19 pandemic has disrupted the quality of education not only in our country but globally. Social distancing is the number one priority in controlling the spread of COVID-19. To implement this, classes in the education sector have been suspended,,,,,, AND educational institutions ranging from schools to universities have switched to online teaching,,,,,, AND online assessment systems. In an online survey conducted by Learning Spiral, educating children in the new digital medium poses many challenges,,,,,, AND teachers also face many problems in imparting education through digital medium.

Keywords: Students, Online Teaching, COVID-19 Pandemic, Learning, Education

Introduction

Academic learning is a continuous process of learning throughout human life. In this, teachers,,,,,, AND students play an important role in the learning process. The importance of education is that it helps the individual to acquire the necessary skills through learning,,,,,, AND knowledge so that a man can achieve the desired goals in his life.¹

The COVID-19 pandemic has completely changed the way the education sector operates. There has been a complete change in the way students are taught in the classroom. Now not only students but also teachers sit in their homes,,,,,, AND teach students with the help of internet facility (computer, cell phone). However, students face many challenges in academic learning. Understanding new online classroom teaching methods

can be a challenge for students who have been exposed to traditional classroom teaching for years.²

Objectives of the Study

1. To study the various challenges faced by students in learning during the COVID-19 pandemic.
2. To examine how the COVID-19 pandemic has changed the way students learn.
3. A survey of students' satisfaction,,,,,, AND level of satisfaction with online teaching method implemented by teachers.
4. To study what are the different methods of online education.

Hypothesis of the Study

1. To find the research paper are as under: It includes students studying in Pre-primary schools, Primary schools, Secondary,,,,,, AND higher secondary schools, Private tuition academics, Colleges,,,,,, AND Universities.
2. The research Sample size is given in below:

Gender

1. Male
2. Female

Medium of Instruction

1. Tamil
2. English

Birth Order

1. First
2. Second
3. Others

Qualification

1. Primary
2. Middle school
3. Secondary school
4. Higher Secondary school
5. Diploma
6. Bachelor degree
7. Master degree
8. Others

Type of Educational Institutions

1. Private tuition academics
2. Pre-primary schools

3. Primary schools
4. Secondary,,,,,, AND higher secondary schools
5. Colleges

Hypothesis of the Study

1. There is no significance difference between the competences of problems that student face in an online teaching process with respect to the gender (Male/Female)
2. There is no significance difference between the competences of problems that student face in an online in teaching process with respect to the medium of instruction (Tamil/English)
3. There is no significance difference between the competence of problems that student face in an online in teaching process with respect to the birth order (First/ second/others)
4. There is no significance difference between the competences of problems that student face in an online in teaching process with respect to the Qualification (Primary/Middle school/Secondary school/Higher Secondary school/Undergraduates/Diploma/Bachelor degree/Master degree/others)
5. There is no significance difference between the competence of problems that student face in an online in teaching process with respect to the Type of Educational institutions (Private tuition academics/ Pre-primary schools /Primary schools/Secondary,,,,,, AND higher secondary schools)

Significance of the Study

When offline classes are in vogue for the past several years, what is the need of online education or learning,,,,,, AND why we don't continue with the old traditional education system, you must be wondering. So the answer to this question is very simple. The life of all human beings has changed after the appearance of Corona virus. People in many countries went through lockdown, in which all offices, schools,,,,,, AND colleges were closed. So to utilize the time during pandemic, online education learning system was required. Before the coronavirus, online education did not exist at all, but the importance of online learning increased after the pandemic.³

Although digital or online education cannot replace classroom learning, there are some advantages to this type of education. This allows for flexible,,,,,, AND personalized learning at the learner's pace. The content of the Internet can be continuously enhanced,,,,,, AND expanded through digital educational methods. The rapid increase in people's use of Internet penetration,,,,,, AND various government initiatives such as the Digital

India campaign have created a favorable environment for the move towards digital education system,,,,,, AND remittances.(4)

Method of Study

A research method adopted by all types of researchers is the Normative survey method.

Normative Survey research is used to find out the prevailing conditions in the study report. It seeks to answer the question "What is the real information about the existing conditions?" An ethical- predictive approach is appropriate wherever the subjects of any class differ from one another,,,,,, AND one is interested in knowing the extent to which this type of research is obtained at different levels. The

collective adjective "Normative-survey" is used to suggest two closely related aspects of this type of study. The term "survey" refers to the collection of data about current conditions. The term "normative" is used because studies are often conducted for the purpose of ascertaining what is the normal or usual state or practice.⁵

The present study aims to determine the extent of problems faced by students in online teaching during the COVID-19 pandemic. Hence, in the present study the normative survey method has been used

Location of the Study

The present study is intended to collect data pertaining to the usage of the problems that students face in an online teaching during COVID -19 pandemic in Chennai, Tamil Nadu,,,,,, AND the Normative Survey Method was used.⁶

Sample of the Study

The present study constituted of 50 students in various schools located in Chennai. The samples were selected by using Simple Random Sampling Technique. The sample forms a representative sample of the entire population.⁷

Description of the Tools

The data was necessary for carrying out research investigation. It must be collected with work special instruments or devices. The successful outcome of research mainly depends upon the proper selection of research tools. So, the investigator developed,,,,,, constructed the tool with the help of the guide. The constructed tool was the problems that students face in an online teaching during COVID -19 pandemic Scales.⁸

The Scale consists of 50 statements with the following 5 responses.

1. Strongly Agree
2. Agree

3. Undecided
4. Disagree
5. Strongly Disagree

Pilot Study

Pilot study was conducted for 300 secondary education teachers in various schools located in Chennai. The questionnaire consists of 50 statements. There were 36 Positive,,,,,, AND 14 Negative statements. The Likert type scale of responses of each statements rating from Strongly Agree to Strong Disagree. Each statement has 5 responses – Strongly Agree, Agree, Undecided, Disagree,,,,,, AND Strongly Disagree. The different rating on the scale is assigned arbitrary weights. For example: 5, 4, 3, 2,,,,,, AND 1 in the order of Strongly Agree to Strongly Disagree response for the Positive Statements,,,,,, AND the scoring scheme is reversed for the Negative Statements i.e., 1, 2, 3, 4,,,,,, AND 5 in the order of Strongly Disagree to Strongly Agree. The total scores for an individual can be obtained by adding the maximum score of the individual items. i.e. summated ratings (9,10).

Statistical Techniques to be Used

The investigator use the following statistical techniques to interpret the data from 300 Student in various schools located in Chennai.¹¹

- Descriptive Analysis
- Differential Analysis

Findings

The hypothesis gathered at the beginning of the investigation has been examined in the light of data gathered. The following are major findings of the study.

1. The problems that students face in an online teaching during COVID -19 pandemic
2. Gender,,,,,, AND online teaching during COVID -19 pandemic
3. Medium of instruction,,,,,, AND online teaching during COVID -19 pandemic
4. Type of educational institutions,,,,,, AND online teaching during COVID -19 pandemic

Conclusion

During this period, the entire learning style of education has changed due to modern technology. Today, it is not necessary to go to classes to get education. All this is made possible through online learning. Online learning also has many advantages. For example, during COVID-19, even when all educational institutions were closed, students were advised to continue their studies online. Without this kind of internet, every student's education would

have stopped in the time of COVID-19. There is no doubt that online learning will dominate the education market in the near future as all students are taking up online learning.

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