PERCEPTION OF DEGREE COLLEGE STUDENTS TOWARDS ONLINE EDUCATION IN TEACHING-LEARNING PROCESS: AN ITEM ANALYSIS

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Abstract:

With the COVID-19 -a novel corona virus disease spreading across the globe, many countries have ordered closure of all educational institutes. Educational institutions have come to a functional standstill since they had to protect their students from viral exposures, which are likely in a highly socializing student community. The lockdown had serious implications on mental health, resulting in psychological problems including frustration, stress, and depression. Online education is the most important platform in this situation. College and university students keep up continue education through online education. To examined the level of perception of degree college students towards online education in West Bengal. In this study revealed that most of the College Students have given their opinion that online education is not much more effective in the field of practical education and Evaluation of students by online education is not easier. It also observed that some of the College Students did not support that online education is maintaining the traditional trend of education as well as it is not a problem at the beginning of the class because the network is good.

Introduction

People all over the world today face covid-19. Our lives have become terrible. On the one hand, the struggle to survive and on the other hand the loss of education. Life has become sad with various problems. There were different problems create due to pandemics such as mental problems, physical problems, and social problems. Currently, all educational institutions have been closed since mid-March. All Pre-primary to higher secondary schools are closed and all higher education institutions are closed but teaching and learning are not stops. College and universities are servicing teaching through an online platform named is online education. Not only India but the entire world's educational institutions closed for Covid-19, where it is closed from primary to higher education (Mishraa, Gupta, & Shree, *2020).* With the COVID-19, a novel coronavirus disease spreading across the globe and many countries have ordered the closure of all educational institutes. Educational institutions have come to an effective stalemate to protect their students from viral exposure, which is probably in a highly socialized student society. (Muthuprasad et al. 2021). Globally, 1.725 billion students are affected by teaching problems by COVID-19 Pandemic (UNESCO, Report, 2021). The lockdown had serious effects on mental health, leading to mental problems including depression, stress and depression. (Chaturvedi et al. 2021). Online education has been adopted as a possible alternative to conventional education (Adnan & Anwar, 2020).

Need and Significance of the Study

Like other studies, this study has some important significance in the field of education. The study will find out the Perceptions of College Students towards Online Education and how much benefits from this teaching-learning mode. This study helps to know whether there is any importance in the field of practical education of online education and the level of Perception of Degree College Students towards Online Education in West Bengal. It will help to know whether online education is boring or not.

The objective of the Study:

To examine the level of perception of degree college students towards online education in West Bengal.

The hypothesis of the Study:

Ho1. There would not have a favorable level of perception of degree college students towards online education in West Bengal.

Delimitation of the study:

This investigation's delimited is

1. The study is delimited to General Degree College level Students only.

2. The present study should be limiting in Howrah district of West Bengal.

3. The study will conduct on 105 Degree College level Students only.

Methodology of the Study

That is one kind of descriptive type research design. Therefore, naturally, the investigators have been applied various tools, techniques and methods for collection data, analyze and interpretation of the collected data.

The population of the Study: All students of Degree College have been examined as the population for the present study.

Sample and Sampling Procedure: The researchers have selected only 105 students out of all Students of Degree College who were studying in Semester-II, Semester-IV and Semester-VI as a sample through Google form for this present study. In the present study, the random sampling technique has been used by researchers for the selection of the sample.

Tool of the Study: In this case of collecting the necessary data the researcher used a close-ended questionnaire as a tool and conducted an online survey through Google from then it was sent to the people for collecting the valuable data through the various social media platform. The 'Perception towards Online Education measuring Questionnaire' embody of 10 items that have been developed on the basis of a Four-point scale i.e. Strongly Agree, Agree, Disagree and Strongly Disagree

Techniques of Data Analysis: The investigators have used Mean S.D, Percentage and Graphically presentation of Data for analyzing the data in this present study.

Results and Discussion

$H0_1$: There would not have high favorable level of Perception of Degree College Students towards Online Education in West Bengal.

Analysis of the level of Perception of Degree College Students towards Online

Education in West Bengal on the basis of cut off point

Table No-1: Shows the Mean and S.D of Total Degree College Students

Group	Number	Mean	Std. Deviation
Students	105	24.71	3.56

M $\pm\sigma$

M + σ = 24.71+3.56= 28.27

M - σ = 24.71-3.56= 21.15

Table No-2; Show the level of Perception of Degree College Students towards Online Education in

West Bengal on the basis of cut off point

Scores	Frequency	Percentage	Level of Inferiority Complex
Above-28.27	15	14.29 %	High
Between-21.15 to 28.27	71	67.62 %	Moderate

Below- 21.15	19	18.09 %	Low
Total	105	100%	

On the basis of Cut off Point, from the above table, we can see that out of the total 105 Degree College Students, 14.29% Students have scored Above 28.27, 67.62% Students have scored between 21.15 to 28.27 and 18.09% Students have scored Below 21.15 on the Scale of Perception towards Online Education constructed by the researchers for Degree College Students. Therefore, we can see that the maximum percentage (67.62%) of Students have scored Between 21.15 to 28.27, which indicates that the Moderate level of Perception of Degree College Students towards Online Education in West Bengal.

Figure: 1. Graphical representation of the level of Perception of Degree College Students towards Online Education in West Bengal on the basis of cut off point

Item wise analysis of the level of Perception of Degree College Students towards Online Education in West Bengal on the basis of cut off point

Item No-1: *Online education is much more understandable, attentive and interesting.*
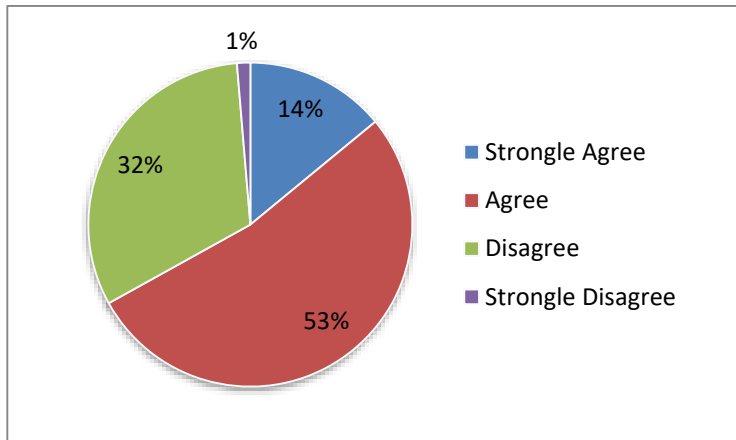

Analysis and Interpretation:

The Pie Chart shows that out of 105 Students of Degree College, 12%, 59%, 19%, 10% Students have given their opinion on Strongly Agree, Agree, Disagree and Strongly Disagree against the Item No-1 respectively. So, we can say most of the College Students

(59%) think that online education is much more understandable, attentive and interesting.
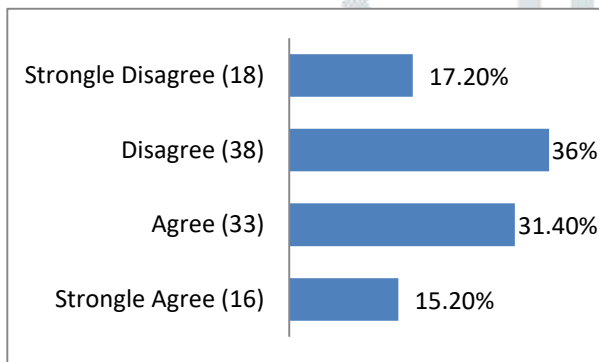
Item No-2: *Online education is much more expensive.*

Analysis and Interpretation:

The Pie Chart shows that out of 105 Students of Degree College, 14%, 53%, 32%, 1% Students have given their opinion on Strongly Agree, Agree, Disagree and Strongly Disagree against the Item No-2 respectively. So, we can say most of the College Students (53%) think that online education is much more expensive.

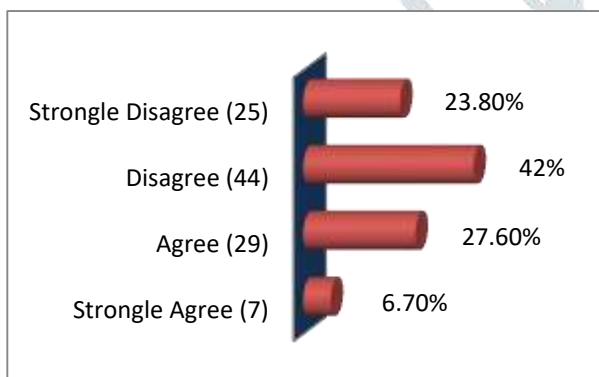**Item No-3**: *Online education is much more annoying.*

Analysis and Interpretation:

The Bar Graph shows that out of 105 Students of Degree College, 15.20%, 31.40%, 36.20%, 17.20% Students have given their opinion on Strongly Agree, Agree, Disagree and Strongly Disagree against the Item No-3 respectively. So, we can say most of the College Students (36.20%) think that online education is much more annoying.
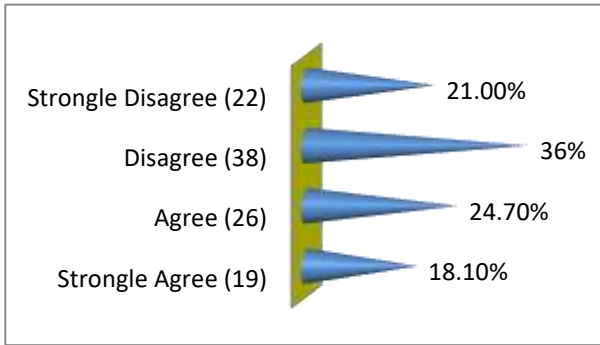
Item No-4: *Online education is a waste of time.*

Analysis and Interpretation:

The Bar Graph shows that out of 105 Students of Degree College, 6.70%, 27.60%, 42%, 23.80% Students have given their opinion on Strongly Agree, Agree, Disagree and Strongly Disagree against the Item No-4 respectively. So, we can say most of the College Students (42%) think that online education is a waste of time.

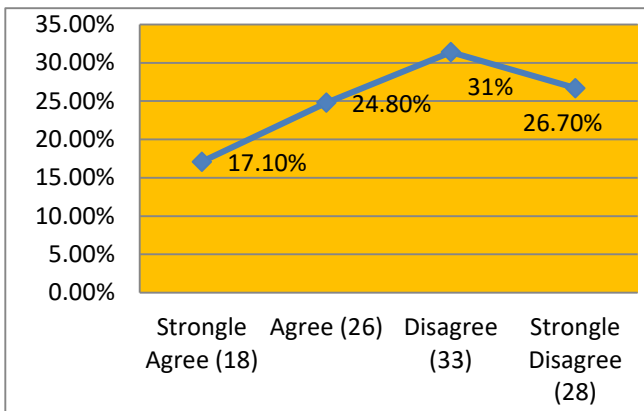**Item No-5**: *Online education is helpful for weak students.*

Analysis and Interpretation:

The Bar Graph shows that out of 105 Students of Degree College, 18.10%, 24.70%, 36.20%, 21.0% Students have given their opinion on Strongly Agree, Agree, Disagree and Strongly Disagree against the Item No-5 respectively. So, we can say most of the College Students (36.20%) think that online education is helpful for weak students.

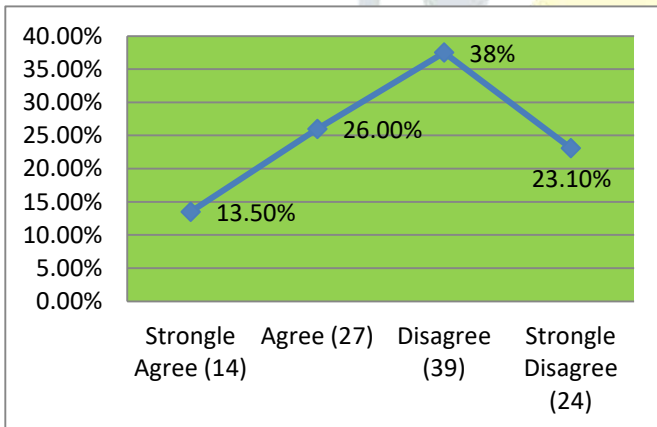**Item No-6**: *Online education is much more effective in the field of practical education.*

Analysis and Interpretation:

The Line Graph shows that out of 105 Students of Degree College, 17.10%, 24.80%, 31.40%, 26.70% Students have given their opinion on Strongly Agree, Agree, Disagree and Strongly Disagree against the Item No-6 respectively. So, we can say most of the College Students (31.40%) think that online education is much more effective in the field of practical education.

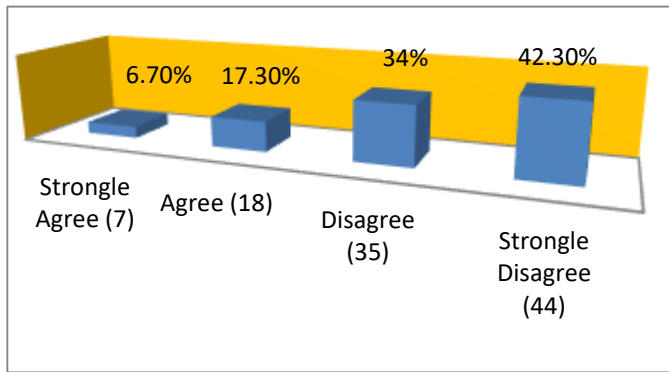**Item No-7**: *Evaluation of students by online education is much easier.*

Analysis and Interpretation:

The Line Graph shows that out of 105 Students of Degree College, 13.50%, 26.00%, 38.40%, 23.10% Students have given their opinion on Strongly Agree, Agree, Disagree and Strongly Disagree against the Item No-7 respectively. So, we can say most of the College Students (38.40%) think that Evaluation of students by online education is much easier.

Item No-8: *Online learning is not a problem at the beginning of the class because the network is good.*
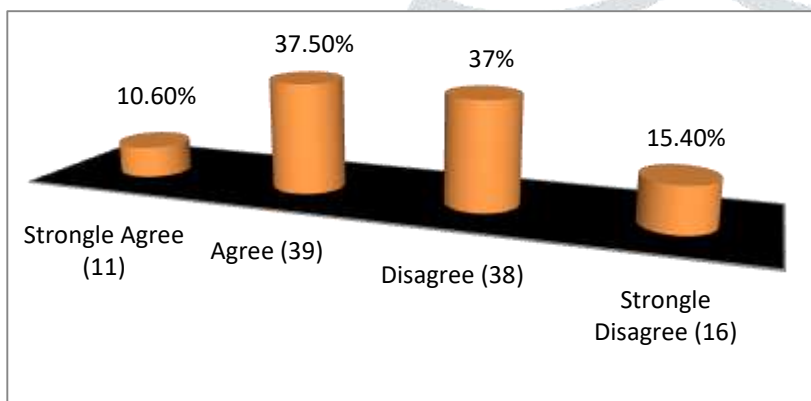

Analysis and Interpretation:

The Bar Graph shows that out of 105 Students of Degree College, 6.70%, 17.30%, 34%, 42.30% Students have given their opinion on Strongly Agree, Agree, Disagree and Strongly Disagree against the Item No-8 respectively. So, we can say most of the College Students (34%) think that online learning is not a problem at the beginning of the class because the network is good.

Item No-9: *Online education is maintaining the traditional trend of education.*
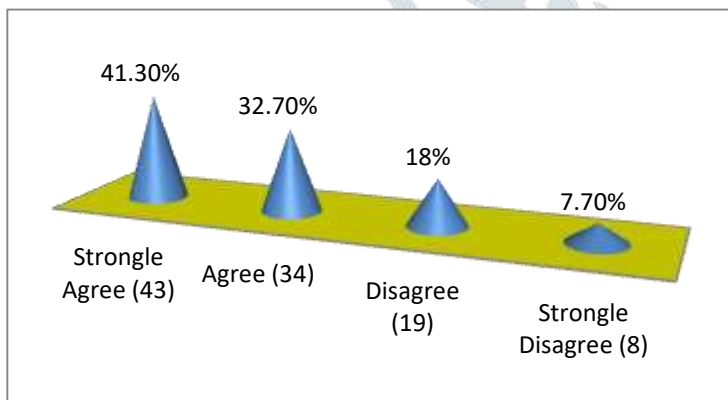

Analysis and Interpretation:

The Bar Graph shows that out of 105 Students of Degree College, 10.60%, 37.50%, 37.20%, 15.40% Students have given their opinion on Strongly Agree, Agree, Disagree and Strongly Disagree against the Item No-9 respectively. So, we can say most of the College Students (37.50%) think that online education is maintaining the traditional trend of education.

Item No-10: *Online education is making students much more lonely.*

Analysis and Interpretation:

The Pie Chart shows that out of 105 Students of Degree College, 41.30%, 32.70%, 18.30%, 7.70% Students have given their opinion on Strongly Agree, Agree, Disagree and Strongly Disagree against the Item No-10 respectively. So, we can say most of the College Students (41.30%) think that online education is making students much more lonely.

Conclusion

From the above discussion, the Perception of College Students towards Online Education is a very important issue in the present education era. This present study found that the level of Perception of College Students towards Online Education is Moderate. Most of the College Students of West Bengal have given their opinion that online education doesn't waste time as well as it is not helpful for weak students. This study revealed that most College Students have given their opinion that online education is

not much more effective in the field of practical education and Evaluation of students by online education is not easier. It also observed that some of the College Students did not support that online education is maintaining the traditional trend of education as well as it is not a problem at the beginning of the class because the network is good. It also explored that most of the students have given their full opinion on the 'Strongly Agree' option of the mentioned item no-10 (Online education is making students much more lonely). This study shows that college students in West Bengal do not have hampered by online education. It is understood that online education is much more understandable, attentive and interesting as well as that is not much more annoying by Student's perception. From this, it is understood that a kind of positive perception is seen in such Students.

Reference:

- Adnan and Anwar (2020). Localization and Globalization of Website Design: A pilot study focuses on comparison of government websites.

- Chaturvedi,K., Vishwakarma,D.K, & Singh,N.(2021).COVID-19 and its impact on education, social life and mental health of students: *A survey, Children and Youth Services Review 121 105866*

- Mishraa,L∗ ,Gupta,T, Shree,A *(2020)*Online teaching-learning in higher education during lockdown period of COVID-19 pandemic , *International Journal of Educational Research Open, (1)00012*

- Muthuprasad,T., S. Aiswarya,S., K.S. Aditya,K.S., & Jha,G.K(2021). Students' perception and preference for online education in India during COVID -19 pandemic, *Social Sciences & Humanities Open.* (3) 100101

- (UNESCO, Report, 2021).