

An Analysis of Students Perception on Virtual Learning & Holistic Development

Sangeeta Srivastava

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Abstract

Education is about learning skills and knowledge. An analysis of these words reveals that education aims at providing a learner or a child a nourishing environment to bring out and develop the latent potentiality hidden inside him. But the sudden outbreak of this deadly virus disease caused by a Corona Virus (SARS-CoV-2) shook the entire world. It was declared Pandemic by WHO. This has given the new challenge to whole world no matter it was developed or underdeveloped. This pandemic was biggest challenge for education sector also. All the education system has to forced only online mode of teaching overnight. This study highlights the Importance of teachers in learning. There is very low relation ($R=0.046$) between online education & social skill development, that students learn in classes. It is not more enough to overall personality & skill development. It's not help in the holistic development of students.

Virtual learning was the only way of learning during this corona period and new mode of learning has been emerged with the help of virtual learning. But on the other hand, one can't learn the things that school/college events, communicating with professors and being around friends teaches us.

Keywords: Educare; Virtual Learning; Holistic Development.

INTRODUCTION

Knowledge is power. Information is liberating. Education is the premise of progress, in every society, in every family. – Kofi Annan

Author's Affiliation: Assistant Professor, Department of Economics, Vanita Vishram Women's University, Gujarat 395001, India.

Corresponding Author: Sangeeta Srivastava, Assistant Professor, Department of Economics, Vanita Vishram Women's University, Gujarat 395001, India.

E-mail: sangeeta.srivastava@vwwusurat.ac.in

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Education is about learning skills and knowledge. It also means helping people to learn how to do things and support them to think about what they learn. It's also important for educators to teach ways to find and use information.

Education of a human being is, perhaps, the most cherished goal of any human civilization that ever existed or is yet to come in this world Etymologically.

The word "Education" is derived from the Latin words "educare".¹ Educare refers "to bring up" or "to nourish", whereas the word "educere" means "to bring forth" or "to drag out". Some others believe that the word has been derived from another Latin

word "educantum" which has two components. "E" implies a movement from inward to outward and "duco" refers to developing or progressing.

An analysis of these words reveals that education aims at providing a learner or a child a nourishing environment to bring out and develop the latent potentiality hidden inside him.

But the sudden outbreak of this deadly virus disease caused by a Corona Virus (SARS-CoV-2) shook the entire world. It was declared Pandemic by WHO.

This has given the new challenge to whole world no matter it was developed or underdeveloped. Maximum services shift towards online. This pandemic was biggest challenge for education sector also. All the education system has to forced only online mode of teaching overnight.²

Against this backdrop, this study will focus on the quality & knowledge satisfaction received by undergraduate & postgraduate students.³ It will also focus on forward & backward impact of online education. This study will also highlight the Importance of teachers in learning.

To get conformity with this objective, an empirical survey was conducted with following objective:

- To analyse the student's satisfaction on learning quality of virtual classes
- Analyse the influence of virtual education on social values & communication
- To understand the forward & backward impact of virtual education

Literature Review

There is many research has been done on virtual learning during this pandemic and post pandemic period. Here few selected studies have been taken to understand the virtual learning:

- Wolff, A., Zdrahal, Z., Nikolov, A., & Pantucek, M. *Improving retention: Predicting at risk students by analyzing clicking behaviour in a virtual learning environment.* In Third Conference on Learning Analytics and Knowledge (LAK2013). Leuven: Belgium. 2013. Pp. 145-149.
- Dhawan, S. (2020). *Online learning: A panacea in the time of COVID-19 crises.* Journal of educational technology, 49(1), 5-22.
- (Mahajan, May 2016) AIMA Journal of Management & Research, May 2016, Volume 10 Issue 2/4, ISSN 0974 - 497-This paper will explore how Institutes/Organizations

and their students/ employees can benefit from appropriate use of technology in ways that help them learn in an environment which is more conducive as compared to the traditional methods of Face to Face Learning.

- (Singh & Thurman, 2019). The synchronous learning environment is structured in the sense that students attend live lectures, there are real-time interactions between educators and learners, and there is a possibility of instant feedback, whereas asynchronous learning environments are not properly structured. In such a learning environment, learning content is not available in the form of live lectures or classes; it is available at different learning systems and forums. Instant feedback and immediate response are not possible under such an environment.

Research Methodology: in this section there will be phase wise development of comprehensive methodology that involve selection of different variable, development of hypothesis, identification of survey tool, designing & testing of questionnaire, descriptive research design is used.

Research methodologies used in this study are descriptive method. Descriptive method is a method that describes the study systematically, factually and accurately utilizing facts, behaviours and relationship between the phenomenon's being studied.

Research Tool: To measure the correlation between quality education & online mode Pearson Correlation has been used.

The following hypothesis were developed and further subjected to empirical testing:

Hypothesis H₁: Students are satisfied with the quality of online education.

Hypothesis H₂: There is no knowledge GAP between online & offline learning.

DATA ANALYSIS & HYPOTHESIS TESTING

This section deals with the testing of Hypothesis by using appropriate statistical tool. SPSS-19 is used to analyse the response received from questionnaire filled by the students of different course.

A survey is conducted on virtual boost up with students of various fields to know their opinion on trending of virtual education in Indian education system in various courses during covid & post covid period. It was an open survey conducted

with students of different course to measure the satisfaction level of quality of online education.⁴

Total 17 questions were asked to get the view about virtual learning. 103 respondents of different UG & PG course from the different state & country were participated and share their practical experience about virtual education.

Among 103 students 53% respondent were UG student of different program while 26.2% P.G and 19.4% students were from different stream. Among the respondent 55.3% believe that education is a social & human process, technology cannot mediate it, more over 69.9% accept that E-learning can be consider as a revolutionary educational opportunity for students as well as for teachers also. Even possible to access knowledge globally and it support the promotion of multi-mode access to digital education.

57.3% students accept that it really helpful to produce excellent human resources with ground level knowledge.

57.3% students amongst 103 respondents agree on that digital education will help in development of analytical & intellectual skills among students. But only 43 students were believed that e-education

will not helps students to learn social skills and the values that they learn in classes. They agree on that e-education will help in effective & right communication. While 46.7% respondent strongly denied that e-education is suitable methodology to mental & physical development according to them it is one way process not much involvement of students, only 30% were agree that it will help in mental & physical development. But 55.3% students of different courses mainly P.G students strongly agree that it is supportive in independent learning and a strong platform to enjoy global learning at effective cost.

Even 51.5% accept that virtual learning needs to be understand as one strand in a complex tapestry of curricular communication.

Furthermore 86.4% clear it that in the toughest time of Covid-19 e-education was very safe strategy for education.

Testing of Hypothesis

H₁: There is positive relation between type of the course & Online education mode.

Pearson Co-relation between different variable is negative ($r=.170$) this indicate that there is positive relation between courses and online education that

CORRELATIONS

Name of the Course	Type of the Course	Do you think education is a social & human process? Technology cannot mediate it effectively	Do you think that Online learning has a potential to enable	Whether e-education will help students to learn social skills like empathy, effective & right communication & the values that they learn in classes.
Do you think education is a social & human process? Technology cannot mediate it effectively.	1 -.119	1	-	-
Do you think that Online learning has a potential to enable students to pursue independent learning.	.170	-.119	1 103	-
Whether e-education will help students to learn social skills like empathy, effective & right communication & the values that they learn in classes.	-.245	.087	.046	1

MODEL SUMMARY

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	.046a	.002	-.008	.8438

has potential to enable online learning.

Furthermore, table indicate that there is very low relation ($R=.046$) between online education & social

skill development, that students learn in classes. It is not more enough to overall personality & skill development. It's not help in the holistic development of students.

Virtual learning was the only way of learning during this corona period and new mode of learning has been emerged with the help of virtual learning.

It was very true that E-learning was safest option for students in this COVID situation but some point of time offline study may be needed. But Online education is one way communication which is not good enough to attain complete objective of education.

Students' responses indicate that in offline mode the student understands very well and in life discipline maintained. Students accepted that studying online distract concentration.

As per my view, virtual learning for today is very safe and also it helps us to explore more and more on global platform. It is very helpful for a woman who can't go school or college due to family reasons or etc on the other hand offline learning helps developing overall personality as well as inculcate culture & ethics among them.

Virtual learning does help learning a lot just by

sitting at the comfort of your home, but on the other hand one can't learn the things that school/college events, communicating with professors and being around friends teaches us.

It can be concluded that there is no replacement of teacher at all.

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