

Analysis of effectiveness of Traditional Teaching vs. Online Teaching in Pandemic Era

Prof. Kothiram N. Girsawale
*Dr. Ambedkar Institute of Management
Studies and Research, Nagpur*
Mob:- 9545002866
Email:- kothiramgirsawle@gmail.com

Abstract - This study was conducted to examine effectiveness of online teaching vs. traditional teaching in contest of pandemic era. In the covid-19 all school and colleges shut in the world. So Methods of learning change drastically. In this pandemic there is no chance to arrange the traditional classes. Covid-19 has resulted that education sector may be collapse very fast. But the education has change dramatically, with the distinctive rise of e-learning, whereby teaching is undertaken remotely and on digital platforms. Online learning gives the opportunity to learn anywhere, anytime. They can plan to study time as per their choice. Instead of traditional learning Student prefer the online learning during lockdown period. This paper tries to examine which is more affective, traditional teaching or online teaching.

Keywords: Online Learning, Traditional Learning, digital platform

I. INTRODUCTION

Most of the government in the world have temporarily closed the educational institutions in the pandemic of covid-19. In this situation all the school and colleges shut down for the temporarily. The traditional teaching or face to face teaching is not possible in this situation because of lockdown. The pandemic situation moved the world with rapid changes. To handle this situation in education sector the online teaching –learning is one of the ways remaining. The use of technology in the education is best way to provide the education to the students helps teacher and students, where student can learn anything, anywhere, any time without wasting their time and money. It is the process of student-centered and teacher –centered education.

We are talking about virtual classrooms and various online tools. Today it shows the commitment between the teacher and the students as close as possible to the real classroom experience. In the future, these tools can also make teacher, parent, and staff / management meeting more economical while providing the necessary interactivity. Closing schools and colleges is a challenge faced by India. In the traditional teaching or learning teacher need to teach face to face to the students. Also student learns the face to face in the school or college. But in the covid-19 pandemic it is not possible to arrange the traditional teaching method at any cost. To overcome this situation the online teaching and learning take place. The result of online teaching is valuable to the student as well as teachers. The result of online teaching for the student and parent is satisfactory. This research is based on the secondary data.

II. LITERATURE REVIEW

The online teaching quite good for the student but evaluation and assessment of the student is complicated. The grade of the student evaluation is not confirmed that is satisfactory.

There is not a significant difference in the final exam scores of the students in online and traditional sections of the course. Previous work has been largely unable to randomize students into experimental and control groups, online vs. traditional sections. In contrast, the present study, due to an administrative error, was able to essentially, randomize students into online and traditional sections of criminological theory. In the previous body of research, the lower achievement levels of students in traditional classes may simply be an artifact of selection effects. (Stack, 2015)

According to Falih M. Alsaaty the debate continues as to whether online courses are perceived as being as less rigorous than face-to-face course. Similarly, respondents in this study were almost equally divided regarding the issue of whether the online courses were easier than traditional face-to-face courses even though they found the material difficult to understand. Findings in this study also indicated males and females differ in their perceptions regarding the ease of online courses compared to traditional face-to-face or on ground courses. However, additional research is needed to fully understand why these differences exist and whether the differences can be attributed to course design, course content, faculty engagement or other factors. (Falih M. Alsaaty, 2016)

III. OBJECTIVES OF THE STUDY

1. To find out features of traditional teaching and Online teaching
2. To compare and find out suitability of traditional teaching Vs. Online teaching

IV. RESEARCH METHODOLOGY

Research methodology is the procedure to identify and collect information in order to get in insight of the data collected. The data collection methods are of two types which are primary data and secondary data. In this paper secondary data is used. An overview of literature was used as a method to data analysis. In this paper discussion about the traditional teaching features and online teaching features and drawback is conducted. In the literature there is conflict about the online and traditional teaching. The advantages and disadvantages of traditional teaching as well as advantages and disadvantages of online teaching have been studied and on the basis of this comparison of made to find out which type of teaching is more effective.

V. DATA ANALYSIS

Traditional Teaching

A traditional teaching is where teacher teach the students face to face. Teacher is the center attraction of the students. The class room setup is needed in traditional teaching. Students are expected to continue developing their knowledge of a subject outside of school through homework exercises. There is only one resource as teacher to teach face to face. In traditional teaching Students time, place and pace of learning remain same.

Features of Traditional teaching

1. **Class room Setup:** - In the traditional teaching there is classroom setup is required. Where students and teacher at a same place and same time. Teacher teaches the student using chalk board.
2. **Face to Face interaction:** - in the traditional teaching Face to face interaction is done. Teachers teach the student in face to face manner.
3. **Bilateral Query Solving:** - In the traditional teaching the teacher solves the student doubts immediately. Any query by the student in the classroom teacher is concentrated personally. One to one doubt and also Common doubt solving possible.
4. **Teacher oriented teaching:** -In the traditional teaching the normal course is that teacher used to teach whereas students are listeners
5. **Immediate Feedback:** - One of the advantages of traditional teaching is that there is a classroom setup and teaching learning process is face to face as a result of which teachers get immediate feedback about students understanding by gestures and face reading.
6. **Physical Assessment:** - In traditional teaching the process of assessment is physical that is students need to give assessment test in a physical setup.

Online Teaching

1. **Online Setup:** -In this no class room setup is required. The class is conducted using electronic gazettes such as mobiles and laptops using apps.
2. **Virtual Interaction:-** No physical interaction is there .The teacher and the students are in different location.
3. **One to one Query solving :-** In the online teaching any query by the student in the virtual classroom is not concentrated personally at the same time.
4. **Feedback at the end:** - In this setup the teacher did not get immediate feedback do to distancing between teacher and students. Since they are not face to face immediate feedback is not possible.
5. **Online Assessment:** - Generally assessment is online using various software's and internet. The biggest challenge in assessment in this setup is the checking ethical conduct of the student.

Major Drawbacks in online teaching:

Although COVID has pushed the whole world into online teaching, but there are numerous drawbacks of online teaching as compared to traditional teaching are as follows.

1. **No Attention:** - In online classes it is a proven fact that students were not able to concentrate.
2. **Feeling of boredom:** - Whatever interesting content is delivered listing and watching continuously on mobile or laptop creates boring affects after some time.
3. **Loneliness:** - In online learning students attend classes sitting in home and hence there is no interaction among per students and the teacher it brings in a sense of loneliness among students.
4. **No Physical activity:-** In the online teaching there is no physical activity can be arranged so it may be effect on the physical health of the students.
5. **Constant pressure on the eyes:-** In online teaching student have to attend all the lectures in online continuously via mobile or laptop as result is effect on the eyes.
6. **No practical or experimental approach:-**In the online teaching teacher cannot arrange the practical lectures or experiments.

VI. CONCLUSION

From the above discussion it is clear that traditional teaching cannot be replaced by online teaching or any other form of teaching. Although the whole world today is heavily dependent on online teaching because it is the only left alternate due to lockdowns as a result of COVID pandemic but it is not a long term alternate. One day or another world will revert back to traditional teaching because online teaching is not as fruitful as traditional teaching.

VII. REFERENCES

- [1]. Condie, R., & Livingston, K. (2007). Blending online learning with traditional approaches: Changing practices. *British Journal of Educational Technology*, 38(2), 337–348. <https://doi.org/10.1111/j.1467-8535.2006.00630.x>
- [2]. (PDF) *E-LEARNING AT HOME VS TRADITIONAL LEARNING AMONG HIGHER EDUCATION STUDENTS: A SURVEY BASED ANALYSIS*. (n.d.). Retrieved January 9, 2021, from <https://www.researchgate.net/publication>
- [3]. Nguyen, T. (2015). *The Effectiveness of Online Learning: Beyond No Significant Difference and Future Horizons*. 11(2), 11.
- [4]. (Alghazo, n.d.) Alghazo, A. M. (n.d.). *Comparing Effectiveness Of Online and Traditional Teaching Using Students' Final Grades*. 11.
- [5]. Alghazo, Ali M. "Comparing Effectiveness Of Online and Traditional Teaching Using Students' Final Grades," n.d., 11.
- [6]. Gamliel, Eyal, and Liema Davidovitz. "Online versus Traditional Teaching Evaluation: Mode Can Matter." *Assessment & Evaluation in Higher Education* 30, no. 6 (2005): 581–92.
- [7]. Gunawardena, Charlotte N. "Changing Faculty Roles for Audiographics and Online Teaching." *American Journal of Distance Education* 6, no. 3 (1992): 58–71.
- [8]. Nast, Alexander, G. Schafer-Hesterberg, Hendrik Zielke, Wolfram Sterry, and Berthold Rzany. "Online Lectures for Students in Dermatology: A Replacement for Traditional Teaching or a Valuable Addition?" *Journal of the European Academy of Dermatology and Venereology* 23, no. 9 (2009): 1039.
- [9]. "(Pdf) E-Learning At Home Vs Traditional Learning Among Higher Education Students: A Survey Based Analysis." Accessed January 9, 2021.
- [10]. https://www.researchgate.net/publication/337562947_E-Learning_At_Home_Vs_Traditional_Learning_Among_Higher_Education_Students_A_Survey_Based_Analysis.
- [11]. Salter, Graeme. "Comparing Online and Traditional Teaching—a Different Approach." *Campus-Wide Information Systems*, 2003.
- [12]. Shovein, Julia, Carol Huston, Sherry Fox, and Becky Damazo. "Challenging Traditional Teaching and Learning Paradigms: Online Learning and Emancipatory Teaching." *Nursing Education Perspectives* 26, no. 6 (2005): 340–43.
- [13]. Stack, Steven. "Learning Outcomes in an Online vs Traditional Course." *Georgia Educational Researcher* 9, no. 1 (January 30, 2015). <https://doi.org/10.20429/ijstol.2015.090105>.
- [14]. ResearchGate. "(PDF) Traditional Versus Online Learning in Institutions of Higher Education: Minority Business Students' Perceptions." Accessed January 9, 2021. <https://doi.org/10.5430/bmr.v5n2p31>.