

E-LEARNING, IS BENEFICIAL!!

Rationale And Gap Analysis:

Impact of online learning survey has developed by Bruce, Peyton & Batson in year 1993.

The nature of the learning and teaching experience is quite different for an online classroom compared to a traditional classroom. The first thing that students notice is the high degree of interactivity. For one thing, online classrooms are much more student-centered than teacher-controlled. Indeed, even if an instructor wanted tight control of an online class, it would be impossible, since students are free to engage in as much private messaging among themselves as they wish. Instructors with a strong need to be in control will probably feel quite uncomfortable with online classes. Furthermore, it is difficult to lecture in a discussion, organize online activities, and provide feedback on assignments. These are teaching strategies or techniques that many instructors may not have much experience with.

Online learning is a form of distance learning, which has long been a part of the American education system, and it has become the largest sector of distance learning in recent years (Bartley & Golek, 2004; Evans & Haase, 2001). Online learning has become most popular form of distance education today. In this study we have recorded student's experience of online learning and learnt how it brings advantages or disadvantages for them.

The students answer about "the problems that they face during and after online learning." 80% of them said that it is correlated with the internet. 70% of students answer they need to explore by themselves to find the solution about the material given by the teacher. They observed that due to continuous online lectures 90% of Students is facing various physical problems like Eye's burning or headache. The researchers believe this finding suggested that more mature students with better independent resources and knowledge were better candidates for online learning.

We could not deny that with the continuous technological changes traditional method of teaching will change faster. Though the traditional teaching method is better over the online method but with technological revolution in the educational field all over the world a teacher should also be prepared to adapt creatively to the changing ways of teaching. Online classrooms have many demerits for the overall development of the student yet. It has various merits over the traditional techniques of learning. A lot of the students are attracted because of it being flexible, although they need pay extra for the internet.

Objectives:

- To Learn the Positive and Negative Effects Of E-Classrooms.
- To Learn Which Is the Best Mode of Study the Online or The Traditional from Both Student's and Teacher's Perspective.
- To Learn the Implications from Both Students and Teachers.

Hypothesis:

- ❑ H₀₁: Grasping Ability Of Students Is Independent Of How Many Hours Students Can Conveniently Attend The E-CLASSROOM.
- ❑ H₁₁: Grasping Ability of Students Is Dependent of How Many Hours Students Can Conveniently Attend the E-CLASSROOM.
- ❑ H₀₂: Grasping Ability of Students Is Independent of Physical Lectures.
- ❑ H₁₂: Grasping Ability of Students Is Dependent of Physical Lectures

Research Design & Method:

- Data Collection Is Made Through Primary Sources Using Google Forms.
- The Sample Was Drawn From 153 Students & 53 Teachers.
- Statistical Analysis is done using Microsoft Excel.
- The Testing Is Done Using F-Test.
- Graphical Representation Was Done, To Find Out Various Results.

Expected Outcomes:

On comparing the lectures would students have with they can convenient to sit in a day we observe that most students having lectures for 3 to 4 hours but they can convenient to sit for only for 1 to 2 hours with concentration or some students having lectures for more than 6 hours but they are tired enough so can't concentrate properly on studies. We also observe that in online lectures the grasping ability of females is more than males. As per most of the students PPT presentation & Notepad teaching are preferable methods in online lectures, whereas most teachers are using PPT presentation technique in online lectures. Also change in student's attendance in online lectures is observed by teachers, as per them there is less attendance in online lectures as compared to classroom lectures. Teacher's opinion about students grasping ability during online lectures is less good than the grasping ability of that of classroom lectures. Because of online lectures most of the students dealing with ear problems due to continuous usage of headphone or earphones. Similarly, because of these various students are dealing with many eye related problems like eye burning, etc. We observed drastic change in student's results due to online learning facility.

Benefits to The Society:

As per most of the student's and teacher's responses after the pandemic is over the online teaching method is not beneficial, but in some cases this teaching technique is beneficial. There are literally hundreds of studies that examine the many different ways of using computer networks in teaching and learning and the various Outcomes of this form of interaction. The overwhelming conclusion from these studies is that online learning activities are well suited for graduate level education. When compared to traditional classes: student satisfaction with online courses is higher; GPA and other measures of student achievement are the same or better; a higher level of critical thinking and problem solving is reported; and there is often more discussion among students and instructors in a course. Instructors are able to track the progress of their students in a detailed way and have a better understanding of what students are/are not learning. Finally, computer networking provides a more "authentic" learning environment in the sense that students can easily communicate with other educational professionals outside of the class group if they desire.

Future Scope:

- It Is the Useful Technique After the Pandemic Over for Those Students Who Came Far from Their Home for Colleges, Also When the Heavy Rain Falls, This Method of Teaching Is Useful at That Perspective.
- In Future Studies, It Is Useful for Students of Further Countries from Where They Cannot Travel to Universities for Studies.
- It Is Also Useful in Future for Diseased Persons Who Will Attend Lectures from Their Home or Dispensary Only.

Limitations:

- Data Collection was limited to a certain region.
- As the data was directly collected through Google Forms from the primary respondents i.e., students and Teachers so there is a high chance of opinionated and or biased data.
- As also due to pandemic and time constraint we were not able to reach out to primary sources efficiently and effectively so the data gathering was limited and through means of social media.

Reference:

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