Influence of Online Learning on the Level of Inquisitiveness of Higher Secondary School Students

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Abstract: "The important thing is not to stop questioning. Curiosity has its own reason for existing." -- Albert Einstein

Learning is what we humans do best. We learn throughout our lives by wondering and exploring, experiencing and playing. Online learning is education that takes place over the Internet. It is often referred to as "e- learning" among other terms. However, online learning is just one type of "distance learning" - the umbrella term for any learning that takes place across distance and not in a traditional classroom. Education may have several purposes, and online courses help to fulfill it. Some even say that e-learning can revolutionize education as it provides new opportunities for traditional learning. A curious person as inquisitive, questioning, probing, eager to learn, a sponge for information/ knowledge. If the person is interested in things, might say they are "inquisitive" or "dedicated to learning." Generally, students are showing huge inquisitiveness in online learning. The present study is an attempt to find out the influence of online learning on the level of inquisitiveness of higher secondary school students. The sample of the study consisted of higher secondary students of Thiruvananthapuram district. A 3-point rating scale was prepared by the investigator for collecting the scores. It includes 30 statement It consist of three different areas and ten questions from each part. The different dimensions of inquisitiveness are imagination power, deeper thinking and curiosity.

Keywords: Online learning, Inquisitiveness, Higher secondary school students.

1. Introduction

Being curious is an essential part of human consciousness, a joyful feature of a life well lived. But as recent research evidence shows, fostering curiosity holds a power that goes beyond merely feeling good. In fact, curiosity may be critical to student success in school learning system based on formalized teaching but with the help of electronic resources is known as E- learning. Knowledge can also be shared via the Internet, which is accessible 24/7, anywhere, anytime. Online learning is certainly the more effective option for students, but it's also better for the environment. It has been found that online courses equate to an average of 90% less energy and 85% fewer CO2 emissions per student than traditional in person courses. "The whole art of teaching is only the art of awakening the natural curiosity of young minds for the purpose of satisfying it afterwards."- Anatole France.

Some of the many benefits of building curiosity in the classroom: It motivates learning and gets students to ask questions and find answers. It increases the quality and quantity of learning and enhances the creativity of the students.

2. Need and Significance of the Study

We are living one of the greatest threats in our lifetime to global education. The Covid-19 pandemic is causing more than 1.6 billion youth and children to be out of school in 161 countries. In this situation children's losses their learning, increased dropout rates and they lost their mid-day meals from school. Most countries have unequal education system. But the mission of all education system is same. It is to overcome the learning crisis we were already living and respond to the pandemic we are all facing. The challenge today is to reduce as much as possible the negative impact of this pandemic. As education system cope up with this crisis, ,they must also be thinking of how they can recover stronger, that all children have same chance for quality education, the answer is online learning.

Online education enables the teacher and the student to set their own learning pace, and there's the added flexibility of setting a schedule that fits everyone's agenda. As a result, using an online educational platform allows for a better balance of work and studies, so there's no need to give anything up. The concept of traditional education has changed radically within the last couple of years. Being physically present in a classroom isn't the only learning option anymore — not with the rise of the internet and new technologies, at least. Nowadays, you have access to a quality education whenever and wherever you want, as long as you have access to a computer. We are now entering a new era — the revolution of online education.

It's hard to understand the notion of leaving behind the conventional classroom, especially if it's to face this vast space called the Internet. In such a competitive and time-starved world, online learning provides people - from recent graduates to mid-level professionals - with the tools to add value to their current skill set and broaden their horizons without the constraints of time or place. What makes children want to learn?

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According to research, it's the joy of exploration -- a hidden force that drives learning, critical thinking, and reasoning. We call this ability curiosity,

Online learning has to be the greatest revolution in contemporary education. It made a huge change in the system and opened great opportunities for everyone who wants to learn something. We can learn whatever you want, Comfort, self-paced learning, lower costs, flexibility, mobility etc. So, this study is highly significant to the present situation. A neurological study has shown that curiosity makes our brains more receptive for learning, and that as we learn, we enjoy the sensation of learning. So, the present study is highly significant and relevant to the present situation.

3. Statement of the Study

The study is entitled as "Influence of online learning on the level of inquisitiveness of higher secondary school students."

4. Objectives of the Study

- To find out the influence of online learning on the level of inquisitiveness of higher secondary school students.
- To know about the influence of online learning on the level of inquisitiveness within boys and girls.

5. Methodology

Method adopted: Normative survey method was adopted.

Sample selection: The present study was conducted on a representative sample of 100 higher secondary students from Trivandrum district

Techniques used: Simple technique percentage analysis is used

Tools used: A 3-point rating scale was prepared by the investigator for collecting the scores. It includes 30 statement It consist of three different areas and ten questions from each part. The different dimensions of inquisitiveness are imagination power, deeper thinking and curiosity The study shows that online learning highly promote in generating the dimensions of inquisitiveness.

6. Analysis and Interpretation

Analysis of data is the most important aspects of research process. It is an extensive and comprehensive process intended to study of underlying relationship among various factors. Data analysis crucial because, it is the result obtained through the process that lead the investigator to arrive at proper conclusion. In the present study investigator given 3-point scale questionnaire. Questionnaire carries three sections and each sections carries 10 questions.

A. Analysis and Discussion of Results

Analysis of Table 1, Table 2 and Table 3 explains the

influence of online learning on the level of inquisitiveness of higher secondary school students.

Table 1 point out that 68% of higher secondary school students responded that through online learning their imagination power is higher than the traditional classroom method.18% students responded that some extent it is better than traditional classroom method.14% of the students responded that they likes classroom teaching than online learning

Table 1

Factor	Percentage		
	Great extent	Some extent	Not at all
Imagination power and online learning	68	18	14

Table 2

Factor	Percentage		
Deeper thinking and online learning	Great extent	Some extent	Not at all
	62	12	26

Table 2 shows that 62% of the students points out that deeper thinking increases through online learning and also points out that they get a chance to do experimentation with different techniques.12% of the students express that some extent it helps to think widely. 26 % students think that not at all it helps to deeper thinking.

Table 3

Factor	Percentage		
	Great extent	Some extent	Not at all
Curiosity and online learning	78	15	7

Table 3 shows that 78% of the students points out that influence of online learning increases curiosity and also develop to ask questions freely to teachers through online learning.15% of the students expressed that some extent curiosity generates through online learning.7% students view that curiosity not at all generate through online learning.

Table 4 shows that 76.5% of the boys points out that there is a great extent influence of online learning on the level of inquisitiveness ,13% shows some extent in online learning on the level of inquisitiveness and 11% shows not at all influence of online learning on the level of inquisitiveness.60% of the girls points out that there is a great extent influence of online learning on the level of inquisitiveness 13% shows some extent in of online learning on the level of inquisitiveness .27% shows not at all influence of online learning on the level of inquisitiveness

7. Discussion of the Results

This research study also indicates that some students engage and accept the use of online learning as supplement to their learning, if not at school, then at home. The data indicate that

Table 4
Influence of online learning on the level of inquisitiveness within boys and girls

Factor	Percentage					
Online learning and level of Inquisitiveness within boys and girls	Boys			Girls		
	Great extent	Some extent	Not at all	Great extent	Some extent	Not at all
	76	13	11	60	13	27

online learning activities would aid in the learning process of students because students have positive attitudes towards online learning. Present study indicates that influence of online learning on the level of inquisitiveness of higher secondary school students is high in nature. But when check the influence of online learning on the level of inquisitiveness within boys and girls. Boys score higher level than girls in the influence of online learning on the level of inquisitiveness.

8. Conclusion

Online learning is becoming more and more popular in School education and it is increasingly preferred by the students from all age groups. In order to provide quality education, Education institutions should be aware of students' needs and expectations and, on this basis, to search for effective strategies and solutions for introducing Online education. The analysis of the survey data allows us to draw some important conclusions, It is obvious that students have a clearly stated positive attitude towards online learning, which implies that they are more likely to accept it well as a mode of education. The majority of them not only use mobile, computer, laptop, tap etc., in their everyday life, but would also like to use actively in their education also. It could be concluded that students' main aspirations are related to effective online learning environment with integrated technologies for providing online communication between participants, online assignment submission and online support by the teacher.

References

[1] Alessi, S. M., and Trollip, S. R. (1991). Computer-Based Instruction: Methods and Development (2nd ed.). Prentice Hall, NJ.
[2] Jena L. (1989), "Curiosity and invulnerability" M.Phil., Psy. Utkal Univ.
[3] Barron, F, The Psychology of Creativity - New 2, 1965, New York, Direction in Psychology, - Holt Aine hart
[4] Dewar, T., and Whittington, D. (2000). Online learners and their learning strategies. Journal of Educational Computing Research, 23 (4). 385-403.
[5] Woodrow, J. E. (1991). A comparison of four computer attitude scales. Journal of Educational Computing Research, 7(2). 165-187.
[6] Jones, T., and Clarke, V. A. (1994). A computer attitude scale for secondary students. Computers and Education, 22(4). 315-318.
[7] S. S. Liaw & H. M. Huang, "An investigation of user attitudes toward search engines as an information retrieval tool", Computers in Human Behavior, 19(6), 751–765, (2003).
[8] Ajzen, I., & Fishbein, M. (1980). Understanding attitudes and predicting social behavior. Englewood Cliffs, NJ: Prentice-Hall.
[9] Fahad, A., N., F. (2009). Students' Attitudes and Perceptions towards the Effectiveness of Mobile Learning in King Saud University, Saudi Arabia. The Turkish Online Journal of Educational Technology– TOJET, 8(2), 111-119.
[10] Canter, L. (2009). Lee Canter's assertive discipline: Positive behavior management for today's classroom (4th ed.). Bloomington, IN: Solution Tree Press.
[11] Eleanor Roosevelt, "I think, at a child's birth, if a mother could ask a fairy godmother to endow it with the most useful gift, that gift should be curiosity."
[12] George Carlin, "Don't just teach your children to read. Teach them to question what they read."