

Study of the effects of online teaching started on the teaching process started by Covid-19

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Abstract -The current teaching process has changed radically due to the online teaching process started by Kovid-19. Research is needed to study whether it is appropriate to adopt the same system in the future or whether it is necessary to adopt a complementary or alternative system. For the present research, the researcher filled online a questionnaire consisting of only 15 questions from a total of 27 trainees in the first and second year of Gokhale Education Society's College of Education in Sangamner city. Each question and sub-question was analyzed using statistical technique. Conclusions were drawn by classifying and interpreting these tables.

Conclusion - According to the presented research -

- 1- Most of the students are inclined towards online teaching.
- 2 However, the socio-emotional development of the student, technical difficulties, lack of teaching interactions are important problems in online teaching.

It is always better to reward a mixed teaching method in a country like India in the near future with the policy that both these methods are complementary without considering each other as alternatives.

- 3 For this reason, in the future, it would be appropriate to combine both offline teaching and online teaching.

Keywords - Teaching Methods, Online Teaching, Offline Teaching.

Introduction - The 21st century is known as the "computer age". Computers have started to be used in all fields of education as well. However, after the commencement of Covid-19 and the

consequent lockdown situation, the education system could not be shut down like many other necessities. So the students will stay at home but still need to be taught before they can study. And so, according to the circulars of the government and the universities, everyone from primary level to higher education, whether they want to or not, had to adopt the technology-based teaching method i.e. online teaching. This has led to some good things as well as adverse effects. There is a need to study the appropriateness of using ubiquity in the online teaching-learning process due to many factors such as cost, lack of knowledge of technology, lack of guidance, networking problems. It is also possible to point out some different points or issues from this. One can decide whether something is favorable or unfavorable only when it is used more and it is used at all levels. The research will help to bring these issues to the fore in the online teaching process started by Kovid-19.

Need - The current teaching process has changed radically due to the online teaching process started by Kovid-19. Research is needed to study the effects of this process on teachers and students, and to determine whether it is appropriate to adopt the same system in the future, or whether it is necessary to adopt a complementary or alternative system.

Problem Statement - "A Study of the Impact of Online Teaching on the Teaching Process Introduced by Kovid-19."

Objectives-

- 1- To find out what is the favorable effect of online teaching started by Kovid-19 on the teaching process.
- 2- To find out what is the adverse effect of online teaching started by Kovid-19 on the teaching process.

Assuming-

- 1- If online teaching is having favorable results, emphasis can be laid on using this method in future.
- 2- If there is a favorable effect of online teaching, this method can be considered as a supplementary or alternative teaching method in future.

Research Hypotheses - Emphasis can be placed on the widespread use of this method in the future if online teaching is having a favorable effect.

Zero hypothesis- If online teaching is having a favorable effect, it will not be possible to focus on the widespread use of this method in the future.

Functional interpretation-

A- "Teaching method - is a series or arrangement of various actions planned by the student to take into account the mental needs of the student, to participate in the learning activities as much as possible and to experience the expected changes in his / her behavior."

B"Online Teaching -" Teaching with the help of mobile, computer, etc. at home without going to actual school / college is online teaching. "

C- "Offline teaching-" Offline teaching is the practice of teaching all the students together through different teaching methods while sitting in the actual school / college room. "

Scope and scope of research topic-

Scope The scope of research is limited to first and second year trainees in the College of Education.

Limit-

This research is limited to online teaching only.

Research Methods - The researcher has used survey method in the presented research.

Population- The researcher has selected the first and second year trainees of the College of Education, Gokhale Education Society, Sangamner for the present research.

For the present research, the researcher has selected a total of 27 trainees from the first and second year of Gokhale Education Society's College of Education in Sangamner.

Example - The relevant sample selection method has been used for the presented research.

Tools - For the present research, the researcher has selected this tool for a total of 27 trainees in the first and second year of Gokhale Education Society's College of Education in Sangamner.

Statistical Techniques- Researchers have used statistical techniques to analyze information.

Proceedings: For the present research, the researcher filled the online questionnaire containing only 15 questions from a total of 27 trainees in the first and second year of Gokhale Education

Society's College of Education in Sangamner city. Each question and sub-question was analyzed using this statistical technique. Conclusions were drawn by classifying and interpreting these tables.

Data Analysis -

Response to the questionnaires filled by a total of 27 trainees in the first and second year.

Quest. No.	Question	Online	Offline	Both
1	Which type of Learning do you like?	85.2%	-----	14.8%
2	Which learning types do you like the most?	7.4%	59.3%	33.3%
3	Why do you like Online learning more?	Learning is more effective	18.5%	
		We can learn from our home	70.4%	
		No limit frame to learn	11.1%	
4	Why do you like offline learning more?	Learning in class facilitates concentrating more	44.4%	
		Online learning is not much efficient	11.1%	
		We can communicate in person	44.4%	

Quest. No.	Question	Yes	No
5	Is Online learning mentally exhausting?	63%	37%

Quest. No.	Question	Average %
6	Reasons behind feeling mentally exhausting by online learning	
	Incomplete knowledge of Computer (Technology)	7.4%
	Financial Problems	-----
	Improper electricity & Infrastructure	-----
	Network (Cell phone range) Problem	85.2%

Quest. No.	Question	Yes	No
7	Is Online learning physically Exhausting	51.9%	48.1%

Quest. No.	Question	Average %
8	Reasons behind feeling physically exhausting by online learning	
	Have to sit in one place for longer time	11.1%
	It is painful for eyes and gives back pain too	40.7%
	There is no inter personal communication making learning boring	48.1%

Quest. No.	Question	Yes	No
9	Has learning become more effective due to online learning?	44.4%	55.6%

Quest. No.	Question	Average %
10	Why do you feel online learning has made learning more effective?	
	We get Ready made notes due to Power Point Presentation	22.2%5
	Technology makes learning more effective	44.4%
	We can refer to the online notes anytime we want	33.3%

Quest. No.	Question	Average %
11	Why do you feel online learning has not contributed in make learning more effective?	
	Proper learning do not take place online	---
	Notes are incomplete online	---
	Explanation do not feel sufficient online	22.2%
	Inter personal communication is not possible	70.4%

Quest. No.	Question	Yes	No
12	Has online learning resulted in restricting personal mental and social development?	74.1%	25.9%

Quest. No.	Question	Average %
13	Main reasons behind restricted personal social and mental development?	
	No inter person meeting and communication	48.1%
	No company in learning makes it boring	7.4%

	Lack of cooperation, understanding and healthy debate	44.4%
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Quest. No.	Question	Yes	No
14	Do you feel offline / physical learning should restart?	92.6%	7.4%

Interpretation - Question no. From 01 to 14, the response of all the three teaching methods can be briefly noticed from the following table-

Highlights-

The number of online teachers is highest - 85.2% The number of those doing both is 14.8%.

The highest percentage of those who like offline teaching is 59.3%.

70.4% prefer online teaching as the course can be done at home.

The rate of mental depression due to online teaching is 63%

In offline teaching, 44.4% say they can communicate directly with teachers.

92.6% think they should start again.

48.1% are bored with loneliness.

70.4% say they can't communicate with the professor.

74.1% say that social and emotional development has stopped.

92.6% think offline teaching should be resumed.

44.4% think that effective teaching technology is an important factor.

Question 15: If the situation of Kovid-19 remains the same, what other options do you want to suggest for online teaching? The following options were suggested to this question:

1- 07 students have reported that there is no other alternative to online teaching.

2- 04 students have accepted the option of offline teaching.

3- 02 students have given the option of visiting home and teaching and residential school.

4- Google Classroom, Zoom, Google Meet, such options are the only way to teach online 07 students have given consent.

5- 06 students have given the option of not knowing or not knowing anything.

6- Self-study option is given by 01 student only.

From the answers given, 27 [out of 21-because 06 students have not given any option at all.] Out of 14 students have given favorable options for online teaching. Only 07 students are suitable for offline teaching.

Conclusions and recommendations - According to the research presented -

- 1- Most of the students are inclined towards online teaching.
- 2 However, the socio-emotional development of the student, technical difficulties, lack of teaching interactions are important problems in online teaching.
It is always better to reward a mixed teaching method in a country like India in the near future with the policy that both these methods are complementary without considering each other as alternatives.
- 3 For this reason, in the future, it would be appropriate to combine both offline teaching and online teaching.