

Utilization of Online Program in Teaching Learning Process at B.Ed Trained Teachers in Covid-19 Pandemic

Prof. Dr. Shital Salve

Assistant Professor

Shri Sai B.Ed College, Chandrapur

Abstract

In this study aimed at identifying among others the online programs used by B.Ed Trained Teachers in the teaching- learning process and the importance given to them, the investigators found that the trained teachers had a high level of awareness about using online programs at COVID – 19 Pandemic while the female teachers which teaches Private sector and has science stream in urban areas utilized the online programs better.

Introduction:

The corona pandemic has made a global impact in the past weeks and continues to hit most of the sectors with education being one of the most affected ones students across the world are losing valuable time in their education during the imposed lockdown amidst fears of pandemic. The situation has forced the schools to shutdown and the students to stay at home.

No wonder, the children as well as parents feel emotionally and psychologically drained at this juncture. At such a time, the extended lockdown period is forcing the education sector in India to rapidly evolve. Most schools and institutions have come up with the idea of online classes for students to start their respective academic years, instead of wasting time due to the delay in reopening of schools. A major factors that frames student life is a set routine has completely been disrupted- the boundaries between study time, play time and me-time having merged these days, awing to the Governmental Regulation.

A routine will keep the child engaged and the discipline to follow that routine has to come from parents. The online courses help to do just that. Not only can many of the students new attend the online classes arranged from school, they can remain in a routine, if they choose to attend a few of the online courses from leading ed- tech and e-learning websites during corona pandemic scare, the online environment offers unprecedented opportunities for people who would otherwise have limited access to education as well as a new

paradigm for educators in which dynamic courses of the highest quality can be developed.

Following are the advantages of online programs in teaching learning process

- Easily Accessible
- Available 24 x 7
- More flexible
- Budget friendly
- No commuting required
- Convenient to fit into the day
- More individual attention
- Comfortable ambience to focus
- Can be personalized according to individual needs
- Social distancing can be exercised

Need Of The Study

Online teaching learning programs are accessible anywhere, in any place and at any time by using Internet; therefore there is no need on the part of the learner to sit idly inside the classroom and learn curricular materials. In this way, learning autonomy is provided to the learner since learner-centered programs are essential; the present study is needed in the prevailing social condition. Since online programs are considered as the latest and most effective innovation in the field of education particularly programs for teaching- learning process, the study is a needed one in the present corona pandemic.

Objectives Of The Study

1. To identify the online programs used by the B.Ed trained teachers in the teaching learning process.
2. To find out the significant difference between the different groups biographical

variables such as sex, types of school, stream and locality.

Hypothesis Of The Study

1. The level of utilization of online programs by B.Ed trained teachers is at an average level.
2. There exists significant difference between different groups of biographical variables such as sex, types of school, stream and locality.

Research Method

The investigator preferred Normative Survey for identifying the utility level of B.Ed trained teachers using online programs in enhancing the teaching- learning process.

Research Tool

Research tool used in the study was prepared by the investigator. The nomenclature of research tool is “Utilization of Online Programs by B.Ed Trainee Teachers in Teaching – Learning Process”. The research tool has 20 questions. This questionnaire made in Google Forms and collect the online feedback from B.Ed trained teachers.

Sampling

The study was carried out on a simple random sample of 320 B.Ed trained teachers from our B.Ed colleges. While selecting the sample due consideration was given to factors such as sex, types of school, streams and locality offered in the B.Ed college.

Data Analysis

Percentage analysis was used to identify the level of utilization of online programs by the B.Ed trained teachers in the teaching- learning process. The researcher also used the test of significance to find out the significance difference between variables groups based on biographical variables such as sex, types of school, stream and locality on utilization.

Table- 1 : Distribution of Percentage Scores of B.Ed Trainee Teachers in Utilization of Online Programs in Teaching- Learning Process

Sr.No	Categories		Percentage
1	Overall categories		74.65
2	Sex	Female	78.68
		Male	72.65
3	Type of school	Government	72.14
		Private	73.06

4	Stream	Science	76.00
		Arts	71.25
5	Locality	Rural	74.48
		Urban	75.25

FINDINGS:

As seen from Table-1

- Teachers had high level of awareness (74.65%) about using online programs in their teaching- learning process.
- The level of utilization of online programs by the female teachers was slightly higher than the male teachers.
- The level of utilization of online programs in the teaching- learning process by the private school teachers was higher than the government teachers.
- The level of utilization of online programs by the Science teachers was slightly higher than the Arts teachers.
- The level of utilization of online programs by the urban school teachers was higher than the rural school teachers.

Table -2 : Significance of Difference between the mean scores of B.Ed Trained Teachers in Utilization of Online Programs in Teaching – Learning

Sex	N	Mean	SD	SED	T-ratio	Level of significance
Female	195	16.68	3.904	0.403	7.27	Significant
Male	165	13.75	3.687			

Type of school	N	Mean	SD	SED	T-ratio	Level of significance
Government	155	13.59	3.663	0.402	7.562	Significant
Private	205	16.63	3.888			

Locality	N	Mean	SD	SED	T-ratio	Level of significance
Rural	150	17.66	3.126	0.398	10.352	Significant
Urban	210	13.54	4.097			

Streams	N	Mean	SD	SED	T-ratio	Level of significance
Science	188	16.69	3.858	0.4002	7.397	Significant
Arts	172	13.73	3.682			

From Table- 2,

- Female teachers utilize online programs more than the male teachers.
- The utilization of online programs by the Private schoolteachers is higher than the government schoolteachers.
- The utilization of online programs by the urban schoolteachers is higher than the rural schoolteachers.
- The utilization of online programs by the science schoolteachers is higher than the Arts schoolteachers.

Suggestion

Teachers should know the facilities that are available through Internet. Without your physical presence in the classroom, it's vital that you establish a virtual presence at the very beginning of the e- learning programs. Most of teachers not familiar with online programs must undergo special training like technical training programs. Feedback is an essential component of all effective learning environments- including online. Though there are good and stable software materials available in the field of online programs, attempts may be made by

the teachers to fulfill the needs of teaching- learning process in the best possible manner.

References

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