

# AWARENESS OF EDUCATIONAL TECHNOLOGY AMONG THE B.ED., TRAINEES IN VILLUPURAM EDUCATIONAL DISTRICT

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## **Abstract**

*Educational Technology has revalorized the education system. It has generally influenced the teaching learning process. This paper deals to find out the awareness level of Educational Technology among the B.Ed., Trainees. Obtains sufficiently large sample to represent the characteristics of the population. The field survey study to B.Ed., Trainees in Villupuram Educational District. Concluded that B.Ed., Trainees have high level of knowledge in Educational Technology. It should be noted that to enhance the knowledge in this Educational Technology adequate measures have to be taken in the teaching learning process.*

## **Introduction**

The study and ethical practice of facilitating learning and improving performance by creating using and managing appropriate technology processes and resources. Educational technology refers the use of both physical hardware and educational theoretic. It encompasses several domains, including learning theory, computer-based training, online learning and where mobile technologies are used, m-learning. Accordingly there are several discrete aspects to describing the technical and intellectual development of educational technology.

## **Need of the Study**

More and quick learning and longer retention is the slogan of the Educational Technology non-verbal communication which is possible through visual Aids makes the analytical observation possible and motivate the Students to respond verbal communication is always non-discursive and does not evoke thinking process which is necessary for the acquisition of knowledge. Whereas non-verbal communication that occurs with the use of teaching aids is always discursive.

Educational Technology provides sensory experiences sensory experiences from the basic of self learning and knowledge, sensory experience are concrete experience learning experience appealing to the sense are more effective their abstract learning. Thus there is a strong case for using teaching aids in teaching by the teacher. According to me the teaching aids should innovative and motivate the Students to interact and respond without fees in the classroom getting more educations and enabling the Students to learn should be the prime objective of the use of teaching aids.

Educational Technology by the Trainees to enhance education is not unique. So investigator decided to do a study related to this area the problem selected for the study is stated as Educational Technology in B.Ed Trainees

### **Objectives of the Study**

1. To find out the level of awareness of Educational Technology among the B.Ed. Trainees.
2. To find out the awareness of Educational Technology among the B.Ed., Trainees on the basis of their Gender.
3. To find out the awareness of Educational Technology among the B.Ed., Trainees on the basis of their Parents Educational Qualification.

### **Hypotheses of the Study**

1. The Awareness of Educational Technology among the B.Ed. , Trainees.
2. There is no significant difference between in the awareness of Educational Technology among the B.Ed., Trainees on the basis of their Gender.
3. There is no significant difference between in the awareness of Educational Technology among the B.Ed., Trainees on the basis of their Parent's Educational Qualification.

### **Limitations of the Study**

Since the study was conducted as the part of the course the investigator has to complete it within the time limitations.

- The study is limited to four B.Ed., colleges in Villupuram Educational District by random sampling technique.
- The study is conducted to the B.Ed., Trainees only.
- The Study is conducted to self Finance Colleges Only.

Totally 200 samples have been taken for the study

### **Method Selected - (Survey Method)**

The term Survey suggests gathering of evidence relating to current conditions. Surely research is the method for collecting and analyzing data obtained from larger number of Teachers of a specific population collected through highly structured and detailed questionnaire or interviews, it helps to collect descriptive data which's people can provide from their own experiences

### **Population and Sample (Define Population)**

- Procedure an accurate and complete list of units of the population.
- Draw representative units in list.
- Obtains sufficiently large sample to represent the characteristics of the population. The study needs the sample of 200 B.Ed., Trainees in Villupuram Educational District.

### Instrumentation

The selection deals with the development of tools research employed in 'Awareness of Educational Technology among the B.Ed., Trainees in Villupuram Educational District' the tool contained 65 items, The tool of an Awareness on Educational Technology scale designed by the investigator & corrected by Guide and the experts.

### Analysis and Interpretation of Data

#### Hypothesis 1:

There is a level of awareness of Educational Technology among the B.Ed., Trainees.

**Table 1**

Groups	N	Mean	Standard Deviation
Awareness of Educational Technology	200	148.51	19.25

From the above table the mean score of B.Ed., Trainees in awareness of Educational Technology found to be 148.51 which is more than 50% and hence it is concluded that the B.Ed., Trainees have high level of awareness of Educational Technology.

#### Hypothesis 2:

There will be a significant difference in the awareness on Educational Technology among on the B.Ed., Trainees basis of their Gender.

**Table 2**

Gender	N	Mean	SD	t-value	Level of Significance
Male	87	148.5287	19.2068	0.009	Not significant
Female	113	148.5044	19.3815		

The calculated t-value (0.009), is less than the tabulated value (1.97 ) at 0.05 level which is not significant confirms that there is no significant difference in awareness of Educational Technology among the B.Ed., Trainees on the basis of their Gender. Hence the stated hypothesis is rejected..

#### Hypothesis 3:

There will be a significant difference in the awareness of Educational Technology among the B.Ed., Trainees on the basis of their Parents Educational Qualification.

**Table 3**

Source of Variance	Sum of Square	Df	Mean square	F	Level of Significant
Between Sample	306.273	2	153.136	0.410	Not Significant
Within Sample	73491.682	197	373.054		

The calculated F-value (0.410), is less than the tabulated value (3.04 ) at 0.05 level, which is not significant confirms that there is no significant difference in awareness of Educational Technology among the B.Ed., Trainees on the basis of their Parents Educational Qualification. Hence the stated hypothesis is rejected.

### Findings of the Study

1. There is a high level of awareness of Educational Technology among the B.Ed., Trainees.
2. There is no significant difference in the awareness of Educational Technology among the B.Ed., Trainees on the basis of their Gender.
3. There is no significant difference in the awareness of Educational Technology among the B.Ed., Trainees on the basis of their parents Educational Qualification.

### Recommendations

From these studies it was found that B.Ed., Trainees have a adequate knowledge of awareness of Educational Technology.

The following recommendations have been given by the investigator from the result of investigation.

1. It is recommended that practice and training to prepare and handling the teaching aids should be given to all B.Ed., Trainees. It is also recommended that enough number of teaching aids should be provided in all B.Ed., colleges and there must be compulsory Educational Technology classes for the B.Ed., trainees.
2. Trainees should be made aware of the scope of Educational Technology.
3. Trainees attitude towards the awareness of Educational Technology should be made positive.
4. The B.Ed., Trainees should improve their working knowledge in handling the Educational Technology.

### Suggestions for Further Study

1. Similar studies can be conducted with teacher training Trainees.
2. Similar studies can be conducted with high school and higher secondary school teachers.
3. Psychological factor related to teaching aids can be studied.
4. An exploratory study can be conducted to analyze the problems of B.Ed.,Trainees handling Educational Technology.
5. The same study may be conducted using more number of samples from a number of T.T.I., B.Ed. and M.Ed. college lecturers.

### Conclusion

The present study has investigated about the awareness of Educational Technology among the B.Ed., Trainees in Villupuram Educational District. It was concluded that B.Ed., Trainees have high level knowledge is Educational Technology. It should be noted that to enhance the knowledge in this Educational Technology adequate measures have to be taken in the teaching learning process.

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