

COMPUTER AWARENESS AMONG THE B.Ed. STUDENT TEACHERS IN RELATION TO DEMOGRAPHIC VARIABLES

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Abstract

In recent years the computer has established as an important tool of modern life. Good teachers all over the world have always been looking for more effective teaching aids. To realize the vast potential of computers as a tool for education, effort must be required. The use of computers in teaching has made learning more interesting. Random sampling technique was used for selection of samples. The study consists of

150 B.Ed. Student Teachers. The statistical techniques like mean, standard deviation and t-test were used for the analysis of data. The findings of the study are

- i) The level of computer awareness among the B.Ed. Student Teachers is 77.6%.*
- ii) There is significant difference on the computer awareness between Gender, Locality and Basic qualification among the B.Ed. Student Teachers*

Introduction

We are living in a society, which is completely drawn into the computer environment, computer has become an integral part of our life and living now, we cannot think a world without computer the wonderful achievements and transformed the modern civilization into a computer civilization. Computer will perform with remarkable speed, exactly the instructions given to it by a human user. Computer can be the partner for the learner.

In today's context people don't find time to sit and learn behind the vernal woods. They have no time to understand the alphabet of nature. They don't have time to sit and see a fallen apple. They are rushing to know more and more things before they go to sleep and that is must for them to serve in this world of competition when we turn back the pages of history we can learn that people adopt many teaching learning methods which were suitable for them, which fulfilled their current needs and other factors. In due course they use the Science technology and Computer Education to enhance the teaching learning process.

Need and Scope of the Study

Science plays a vital role in school due to its multifarious value in education. The students know the concepts clearly and aware of how these concepts can be used in our daily lives through computer. Most people in our society are still unconcerned and ignore on the issue of computer education. The students are the guardian of our future generations and they are going to be the architects of our society. Goals can be achieved when we build

the capacity of using computers through constant support. It makes the education effective and efficient, also promote international collaboration and networking in education.

Statement of the Problem

Even though we are living in the Computer Environment, Most of them are not using computer for teaching learning process. But Computer is the partner of the learner; in order to prove their awareness the investigator selects this topic.

Objectives of the Study

1. To find out the level of Computer Awareness among the B.Ed. Student Teachers.
2. To find out if there is any significant difference on the Computer Awareness between Gender, Locality and Basic Qualification of B.Ed. Student Teachers.

Hypotheses of the Study

The Null Hypotheses were made with above objectives of the study.

Review of Related Literature

Jagananath K. Dange (2008) Conducted a study on "Effectiveness of computer Assisted Instruction in the development of Environmental awareness and environmental attitude". The investigator developed a CAI package on five units pertaining to environment in the syllabus in science prescribed for 8th standard in the Karnataka state syllabus. After administering a pre-test he taught a sample of 30 students for a period of one and half month these units with the package and conducted a post-test. The result indicates that the CAI package has made for a statistically significant gassing in attitude and awareness scores of the sample.

Methodology

The present study belongs to Normative Survey method.

Size of the Sample

The sample was selected by Stratified Random Sampling Technique representing 150 B.Ed. Student Teachers from two different colleges of education.

Tool Development

The tool consists of 50 statements in four point scale with 30 positive end 20 negative statements. Positive statement scoring order is 4,3,2,1 and negative statement scoring order is 1,2,3,4 in the present study. The fifty statements in the rating scale offer the following comprehensive view $50 \times 4 = 200$, $50 \times 3 = 150$, $50 \times 2 = 100$, $50 \times 1 = 50$, thus the all score would fell maximum 200 and minimum 50.

Statistical Techniques

For the analysis of data the statistical techniques like Mean, Standard deviation and Test of significance ('t' test) were adopted.

Data Analysis

Table 1: Level of Computer Awareness among the b. Ed. Student Teachers

Category	Number	Percentage
B.Ed. Student Teachers	150	77.60 %

The above table -1 shows that the level of Computer Awareness among the B.Ed. Student Teachers is 77.60%. It is very good awareness in computer.

Table 2: Difference on the Computer Awareness among B.Ed. Student Teachers in Relation to Demographic Variables

Category	N	Mean	S.D.	't' value	Significant at 0.05 Level	
Gender	Boys	105	79.05	7.19	3.99	S*
	Girls	45	74.00	7.03		
Locality	Rural	97	78.87	6.65	3.02	S*
	Urban	53	74.88	8.25		
Basic Qualification	Arts	91	74.81	7.75	4.65	S*
	Science	59	81.72	6.81		

S* - Significant

From the above table 2, it is clear that, the calculated 't' values 3.99, 3.02 and 4.65 were greater than the tabulated 't' value at 0.05 level of significance. So that the framed null hypothesis is not accepted. So there is significant difference between the Computer Awareness among Gender, Locality and Basic Qualification of B.Ed. Student Teachers. According to the mean values of Boys, Rural and Science subject B.Ed. Student Teachers are higher than the mean values of Girls, Urban and Arts subject B.Ed. Student Teachers on the Computer Awareness.

Major Findings of the Study

There is significant difference on the Computer Awareness between Gender, Locality and Basic Qualification among the B.Ed. Student Teachers

Discussion of the Study

On noticing the results of study, there is significant difference on the Computer Awareness between Gender, Locality and Basic Qualification among the B.Ed. Student Teachers. This shows that Student Teachers are not resistant to use computers, sufficiently available in all places, they themselves having computer due less price and Government is giving free computers. Academic assignments' and project is given related to computer, so they know to use the computer. Thus they have high awareness towards computer.

Educational Implications of the Study

- More measures are to be taken from Government to create computer awareness to Urban Girls B.Ed. Student Teachers.
- More programmes related to computer awareness are to be conducted to the students.
- The students may train to give some activities like quiz, debate, discussion, seminar, workshop etc, on computer awareness.
- Teachers may be trained to teach their lessons linked with computer.
- Government school introduces and enriches on computer based teaching programs.

Conclusion

The findings of this study suggest that the use of computers for student teachers will assist the nation to achieve its goal of information to literate society with latest developments. A well designed training program is essential to meet the demand of today's teachers who want to learn to use computer effectively for teaching. Better utilization and investment could be planned to increase teacher competences and favorable teacher perception towards computer. Using computers in teaching would enhance his or her job performance.

References

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