STUDENT TEACHER'S ATTITUDE TOWARDS USING ICT IN TEACHING

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Abstract

Teaching and Learning is a soul of Education. To the better learning of the students, teaching has to be more dynamic and the teacher should technically skilled. ICT playing huge role in present scenario of Education. We can see all over the world, there is a trend to use ICT in the teaching-learning process. To achieve the goal of Education, the process of teaching-Learning should be strengthen by ICT. Teacher uses ICT for his better performance in teaching. On the basis of various researches in this field, we can say that ICT improves the quality of Education and mostly of Teaching-learning process. So, use of ICT applications in teaching is very much essential. In the present study the investigator made an attempt to study the Attitude towards using ICT in teaching among the Student Teacher in B.Ed. colleges from Savitribai Phule Pune University, Pune. Hundred Student Teachers in B.Ed College were taken as sample. A self-constructed Attitude scale towards using ICT in teaching containing 20 statements was used to collect the data. The study revealed that majority of the Student Teachers have more favorable attitude towards using ICT in.

INTRODUCTION

The Secondary Education Commission (1952-53) has pointed out that "Every teacher and Educationist of experience knows that even the best curriculum and the most perfect syllabus remain dead unless quickened into life by the right methods of teaching and right kind of teachers'. Teaching is a dynamic process that unfolds the arena of knowledge, and it helps in the process of man making. Teachers are the designers of the future of their students and thus, the society. They are expected to exhibit the universal values like peace, justice, and equality along with social and civic values as enshrined in Indian constitution.

Today we are living in an Information and Communication Technology. All over the world, there is a trend to use ICT in the teaching-learning process. The teacher and learner must gain access to technology for improving learning outcomes and creating awareness among Teacher educators. To gain professional efficiency, gaining updated knowledge and promoting quality education ICT application is very much essential. ICT is a new paradigm

of the teaching-learning process widely accepted as a necessary tool for attainment of developmental goals, particularly in higher education. (Meenatchii B., 2015)

The growth and development of ICT is really amazing and has a lot of applications in the process of teaching and learning. It is a must for every teacher to know the applications of ICT in teaching. If the teachers develop favorable attitude towards the use of ICT in teaching, then they may try to make use of this technology often in teaching and it will in turn make the learning process simple and effective. As B.Ed. students are would be teachers of tomorrow, the study of their attitude towards ICT in teaching is very much needed. (RAJASEKAR S and DINESHAN P.)

ICT is the backbone of the education system in today's world. The challenge in India today is the lack of availability of teachers who are ICT-competent. B.Ed. student teachers, as future teachers, should have greater attitude and access to Information and Communication Technology to move from "learning to use ICT" to "using ICT to learn". (Arthi S, Tamilselvi B., 2016)

In the present study the investigator made an attempt to study the Attitude towards using ICT in teaching among the Student Teacher in B.Ed. colleges from Savitribai Phule Pune University, Pune.

REVIEW OF RELATED LITERATURE

Rajsekar S and Dineshan P (October 2012) has developed and standardized AN ATTITUDE SCALE TO MEASURE B.Ed. STUDENTS' ATTITUDE TOWARDS THE USE OF ICT IN TEACHING. This Likert type scale is a five- point scale of 'Strongly Agree', 'Agree', 'Undecided', 'Disagree' and 'Strongly Disagree'. As many as 50 items have been collected from the various sources like Experts in ICT, Teacher Educators, Books, Journals, Internet and so on and have been categorized in the manner. i.e. Fundamentals of Computer − 10 items, Latest Technological Devices in Teaching and Learning − 10 items, Fundamentals of Internet − 10 items, resources − 10 items and communication − 10 items. Sample of the study is 200 B.Ed. students. ITEM ANALYSIS have been done on t-value of each item. The attitude towards the use of ICT in teaching scale has 37 items, out of which 17 items are favorable worded and the remaining 20 items are unfavorable worded. Scoring Procedure has been conducted by making group of Highly Favorable, Favorable, Neutral, Unfavorable and Highly Unfavorable group of student Teachers.

Content Validity and Construct Validity of the test has been established. The reliability of this scale was found to be 0.94 by using split-half technique followed by the use of Spearman-Brown Prophecy formula. The percentile norms has been drawn.

MEENA TCHII B. (March 2015) has conducted research on TEACHER EDUCATOR'S A TTITUDE TOWARDS USING ICT IN TEACHING. Under this topic the investigator made an attempt to study the Attitude towards using ICT in teaching among the Teacher educators in B.Ed colleges from Puducherry. Fifty Teacher educators teaching in B.Ed College were taken as representative sample of the whole population for this research. A self constructed and standardized Attitude scale towards using ICT in teaching has been used to collect the data for this research. The study revealed that majority of the Teacher educators have more favorable attitude towards using ICT in teaching and there is significant difference among them based on their gender and type of institutions. Teacher educators from Government sector and female educators can enhance their technological attitude. Hence the study suggests that Technological Orientation and training should be an integral part of Teacher Educators programmes. Technological tools reduce the paper work and preparatory work of Teacher educators and enhance their teaching competency.

STATEMENT OF THE PROBLEM

Attitude of The Student Teachers under Savitribai Phule Pune University towards using Information and Communication Technology in Teaching

OPERATIONAL DEFINITIONS

1. **Attitude:** A predisposition or a tendency to respond positively or negatively towards use of ICT in teaching.

2. **ICT:** ICT(Information and communication technology) includes any communication device or application encompassing : Smart Phone, computer and network hardware and software, Internet and related facilities.

3. **Student Teachers:** Second year B.Ed. Students of academic year 2015-16 from B.Ed. colleges under Savitribai Phule Pune University.

OBJECTIVES OF THE STUDY

1. To study the Attitude level towards using ICT in teaching among the Students Teachers.

RESEARCH QUESTION

1. What type of Attitude student teachers have towards using ICT in teaching?

LIMITATIONS OF THE STUDY

1. The study was limited only to B.Ed colleges in Pune city affiliated to Savitribai Phule Pune University.

2. The study was limited only to 100 Student Teachers from private colleges.

3. The results of the study was based on responses given by Student Teachers to the attitude scale constructed by researcher.

4. The study was limited to academic year 2015-16 only.

METHODOLOGY

SAMPLE

A random sample of 100 Students Teachers from 2 colleges under Savitribai Phule Pune University were selected as sample of this research.

DATA COLLECTION TOOL

Researcher has constructed Attitude scale towards using ICT in Teaching as data collection tool for this research. The Attitude towards use of ICT in teaching was measured in the areas like Planning of Teaching, use of ICT during actual teaching and use of ICT after teaching. It is a five point scale with 20 items. Initially 39 Item has been written. 20 Item has been retains after content validity by 10 experts. It has split half reliability of .77.

STATISTICAL TECHNIQUE USED

Mean, Standard deviation, correlation and percentage are the statistical techniques used for this research. earlier.

DATA ANALYSIS

Questionnaire was used for data collection purpose. Marking scheme for positive statements: 1 mark for extremely favorable, 2 for favorable, 3 for undecided, 4 for un-favorable and 5 for extremely un-favorable. Marking scheme for negative statements: 5 mark for extremely favorable, 4 for favorable, 3 for undecided, 2 for un-favorable and 1 for extremely un-favorable. Scale received from sample were evaluated and the data were analyzed employing the statistical techniques to arrive at meaningful conclusions.

Table 1 Attitude level towards using ICT in teaching among Student Teachers.

s.no	Attitude level towards using ICT	Number	Percentage (%)
1.	Extremely favorable	25	25
2.	favorable	51	51
4.	Unfavorable	23	23
5.	Extremely unfavorable	1	1

From the above table it is inferred that

1. Most of the Student Teachers have favorable Attitude towards using ICT in teaching.

2. Some of the Student Teachers have extremely favorable Attitude towards using ICT in teaching.

3. Some of the Student Teachers have un-favorable Attitude towards using ICT in teaching.

4. Very few in number of the Student Teachers have extremely un-favorable Attitude towards using ICT in teaching.

CONCLUSION

On the basis of analysis and findings thereof, it is inferred that Most of the student Teachers under Savitribai Phule Pune University, Pune have positive attitude towards using ICT in teaching.

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