

Study the Use of Various ICT for Innovative Practices in Practice Teaching

Dr. Mangalbai B. Vasava

Associate Professor, SMT. V. R. BHAKTA College of Education, Surat, Gujarat (India)

INTRODUCTION

We live in the era of information and technology: Every dawn is accompanied by an innovation and these innovations have brought a dramatic change in instruction methods for education. These methodologies have challenged the traditional teachers' centred, black board- lecture, Text and class relationship. In this context, teacher educators have a crucial role to play. They have to prepare their trainees to meet these new challenges by using ICT. The teacher to model the new provide opportunities for teacher model the new pedagogies and tools for learning with the aim of enhancing the teacher learning process. According to George Nelar " the use of various ICT for innovative practices like Radio, Television, Tap Recorder, Charts, Pictures, Personalized system of instruction, Programmed learning, Teaching machines, Instructional module, Computer, techniques of teaching, slide projector, over head projector in the practice teaching makes the magic effect on the result of two trainees. To study the role of above all the ICT for innovative practices in practice teaching the investigator has selected the following subject for his research work.

STATEMENT OF THE PROBLEM

"Study the use of various ICT for innovative practices in practice teaching."

OBJECTIVES OF THE STUDY

- ✓ To study the historical back ground of different ICT for innovative practices in practice teaching.
- ✓ To study the various equipment of ICT and its functions in practice teaching.
- ✓ To study the cognitive effect of various ICT for innovative practices in practice teaching.
- ✓ To study the physical facilities of selected institutions of practice teaching.
- ✓ To collect the opinions of B.Ed. trainees who use various ICT. In their practice teaching of the selected colleges of education.
- ✓ To motivate our B.Ed. Trainees for various innovative practices for the better improvement of practice teaching.
- ✓ To collect the major findings of the study.
- ✓ To prepare the list of different suggestions of the study.

QUESTIONS OF THE STUDY

- ✓ What is the real situation of the selected institutions of practice teaching?

- ✓ Which types of ICT are available in the modern colleges of teacher education?
- ✓ Which is the major problem of the B.Ed. trainee to use modern ICT For their practice teaching?
- ✓ What is the effect of ICT in practice teaching?
- ✓ Which will be the remedies for the solution of their difficulties?

IMPORTANT OF THE STUDY

The small research work will motivate the selected B. Ed. Trainees as well as other B.Ed. trainees to use various ICT for innovative practices in their practice teaching. It will increase the interest of the learners. It will make the difficult teaching point easy for the trainees for their practice teaching. It will be helpful for the teachers to perform their duty well. In short we can say that this small research work will be true friend for the trainees.

LIMITATIONS OF THE STUDY

- ✓ Due to limited time the investigator has involved only three colleges of teachers' education out of 35 institutions of practice teaching affiliated to Veer Narmad South Gujarat University Surat.
- ✓ The investigator has selected only (60) B.Ed. trainees for his research work instead of such wide universe.
- ✓ As far as this study is concerned the investigator has not involved teaching staff of the related institutions of practice teaching.
- ✓ The investigator has used only one method (chi-square value) for the analysis of the collected data in his research work.
- ✓ The investigator has not involved the principals of the selected institutions of practice teaching in his study.
- ✓ Instead of the observation of the practice teaching off his selected sample he has collected the opinions from them for his research work.

RESEARCH METHODOLOGY

This small research work is purely based on survey so the investigator has used chi-square value method for his research work.

: Formula for chi-square value method:

$$\chi^2 = \frac{\sum (Fo - Fe)^2}{Fe}$$

Fo = Means frequency observation

Fe = Means expected frequency

\sum = Means total

UNIVERSE AND SAMPLING

So far as to study the effectiveness of different ICT for innovative practices in teaching practice the investigator has selected 60 B.Ed. trainees of three (3) colleges of educations affiliated to Veer Narmad South Gujarat University Surat out of 35 institutions of practice teaching for his investigation work. Index	Name of the institutions	Trainees
1.	Smt.V. R. Bhakta College of Education Kamrej Char- rasta, Surat.	20
2.	Kamla College of Education Kamrej Char-rasta, surat	20
3.	College of Education Umrahk Ta:Bardoli, Surat	20
Total		60

INSTRUMENTATION OF THE STUDY

In order to study the important of various ICT for innovative practices in practice teaching the investigator has prepared five points scale opinionnaire based on 30 statements related to the subject with the help of experts. Through that tool the researcher has collected the required dats for his research work.

ANALYSIS OF THE STUDY

For the collected data analysis the researcher has used only one method (chi-square value) in his study. Through that method he has found the validity of each statement. At the end the investigator has also found the major findings of his study.

MAJOR FINDINGS OF THE STUDY

- ✓ The statement no. 3 achieved 75 percentages so we can easily say that the various ICT for the innovative practice have brought a dramatic change in instruction methods for teaching.
- ✓ The statement no.6 received 90 percentages so we can say that these methodologies have challenged the old and traditional methods of teaching in the classroom.
- ✓ The sentence no. 15 achieved 86 percentages so we can say that these various I.C.T. like charts, pictures etc. has created magic effect on the result of the learners.
- ✓ The sentence NO. 22 achieved 78% percentages so we can say that various ICT like computers and slide projectors make the students engaged for the better and effective learning process.

SUGGESTIONS OF THE STUDY

- ✓ There should be well equipments in each institutions of teaching (education).

- ✓ The teaching staff should use the ICT for their effective class-room teaching.
- ✓ The government should provide various ICT like computers and TV to each educational institution.
- ✓ The parents should aware for their children's progress.

CONCLUSION

Friends you know that today we are in the age of science and technology. So the field of education should not away from the ICT the Kothari education commission 1964-66 has truly said that the future of our country is being shaped in our class-rooms. It can be better shaped by using various ICT in the class-rooms of the country.

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