

To Study the Impact of CAI Programme on Gender Equality in Indian Society

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Abstract

The purpose of this research was to study the impact of Computer Assisted Instruction Programme on Gender Equality. The experiment was carried out on the trainees of Teacher Education College. Forty nine students who were the students of college of teacher education involved in this project. The CAI programme which was developed by the researcher tried out on the trainees. A teacher made test which was developed by the researcher was given in pre test and post test. Pre test was conducted before to try out CAI programme and post test was given after it. It was experimental research work in which single group pre test post test design was used. The mean achievement score of trainees in the pre test was 11.45 and the post test was 40.23. It was found in the research that there was significance difference between the result of pre-test and post-test at 0.01 levels in T-test. It said that CAI programme which was prepared on Gender Equality in Indian Society was effective.

KEYWORDS: CAI- Computer Assisted Instruction, Gender Equality

Introduction

Gender equality is very much important in Indian Society. The researcher has been teaching this unit to the trainees of College of Teacher Education. Is CAI programme on the unit Gender equality in Indian Society effective? This question always comes in the researcher mind. It was decided to check this question. He discussed regarding this with the principal and trainees. Both were agree to conduct the project. The summary of the small project which was carried out in the College of Teacher Education was given here.

Objectives:

1. To develop the Computer Assisted Instruction Programme on Gender Equality in Indian Society for the trainees of College of Teacher Education.
2. To tryout and examine the effectiveness of Computer Assisted Instruction Programme on Gender Equality in Indian Society

Hypothesis:

There will be no significance difference between mean score of pre-test and post-test on Gender Equality in Indian Society.

Limitation

1. The standardized test was not used in pre-test and post-test. The test which was used was teacher made test.

2. The random sampling technique is the best but it was not used in selecting the sample. To select the sample purposive sampling technique was used.
3. The data which was collected for analysis it was based on pre-test and post-test only.

Research Design:

It was experimental research work and Single group pre-test post-test experimental design was used in this work.

Sample:

Number of Trainees: 48

Semester: 4th semester, S.Y.B.Ed.

College: V.T.Choksi Sarvajanic College of Education, Surat.

Academic Year: 2019-20

Tools:

1. CAI Programme

Computer Assisted Instruction Programme was prepared on Gender Equality in Indian Society. It was teacher made programme and Power Point Presentation programme of the Microsoft which is very popular was used in the development of CAI Programme.

2. Test

- a. A teacher made test which was on Gender Equality in Indian Society was developed to know the trainees' achievement score. It was used in pre-test and post test.
- b. There were 25 multiple choice questions and 5 essay type questions which were on the base of Gender equality in Indian Society in the test. Each multiple question contained one marks and each essay type question contained 5 marks. It was 50 marks test and 90 minutes were given to the trainees to complete the test.

Research Design

Step	Session	Time
Step-1	Session-1 Pre-Test	90 Minutes
Step-2	Session-2 to 9 The trainees of College of Teacher Education were taught the Gender Equality in Indian Society through CAI (Computer Assisted Instruction) programme in 8 Sessions.	720 Minutes
Step-3	Session-10 Post Test	90 Minutes

Data Collection:

Pre-test was given to the trainees in first session before the implementation of CAI programme and post-test given in the last session after the implementation of CAI programme. Both test answer sheets were examined by the researcher properly and a mark sheet was developed. Data was collected in this way.

Data Analysis:

The data which was collected in numerical form, so it was analysed statistically and Mean, Standard Deviation and T-test technique were used for data analysis.

	Number of Students	Mean	S.D.	T-test
Pre- Test	48	11.45	1.62	Significant at 0.01 level 16.26 > 2.58
Post- Test	48	40.23	2.08	

The data presented in table which was the result of experiment clearly indicated that there is significant difference between the result of pre-test and post-test. The mean score of post test is higher than post test. Thus the null hypothesis was rejected. So it can be said that the CAI programme which was developed on Gender Equality in Indian Society for the trainees of College of Teacher Education was effective.

Discussion:

The Computer Assisted Instruction Programme is the need of 21st century. It is difficult to ignore the computer in teaching learning process. This study proved that CAI programme was useful and effective. The innovative teacher can also develop CAI programme in his subject. It was a very small research, because of some limitation retention test and students' feedback could not be taken in this work. It can be removed in further researches.

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