

Effectiveness of Smart Class for Teaching on the Achievement of Accounts of Higher Secondary School Students

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Abstract: *This study is about the effectiveness of Smart classroom teaching on the achievement in 'Accounts' of Higher Secondary School Students. For this study 30 students were taken as sample from Christian Eminent School Indore City, for collection of data an achievement test was made and applied on students. Experimental group was taught in Smart Classroom and Control group was taught by traditional method. As the result showed that students achieved higher when taught in Smart classes as compared to traditional class.*

Keywords: Teaching, Traditional Teaching, Smart Classroom Teaching, Achievement

1. Introduction

The effect of technology is seems on our daily life style. Now we have LED, advanced technical equipments to make easy our routine life. We have Smart phones and we don't need other gadgets like camera, radio, television, tape recorder, watch, calculator, calendar and many more. There are endless apps and uses of Smartphone.

If a smart phone have changed /turned us into smart people, why not to go on smart class for Education. Technology should affect our Educational system too, and how it will affect our students, this Research paper is based on that.

2. Objectives of the Study

1. To study the effectiveness of Smart class on the Achievement of the students.
2. To compare the results of Smart class and traditional class.

Hypothesis of the Study:

1. There will be no significant difference between smart class and traditional class on achievement of students.
2. There will be no significant difference in the result of Smart class and traditional class.

3. Operational Definitions

Smart Class:

Smart class is a solution designed to help teachers in meeting with new challenges.

Traditional Class:

It is a regular classroom which keeps the teacher in the canter and uses lecture method for teaching the students, in which the teaching aids used like charts, maps, models etc.

Variables:

Independent Variable - Teaching Method

Dependent Variable - Achievement Test

Controlled Variables- Subject & content and Teaching line

4. Area and Type of Research

As the study based on Smart class and it's an Educational Technology, the Research could be experimental research because an experimental research will be applied on the students.

Design of Research

There will be pre-test of students than teaching through Smart class will be given and after smart teaching a post test will be applied on students, so it will be as follows:

Pre-Test---Smart Class Teaching---Post Test

Universe and Sample:

40 students of standard XII of Higher Secondary School of Indore City of M.P. was considered as a universe of this study. The sample was selected purposively.

Programme and Tool:

As the study is experimental type, a development of effectiveness programme will essential. Teaching programmers' for the Smart class and traditional class were prepared by the researcher which includes the selection process of the content, Time table and the lesson plans as per period. The nature and requirement for the two classes were kept in mind while preparing these programs. Achievement test on 'Accounts' was prepared to find the effectiveness between the results of two classes.

Collection and Interpretation of the Data:

During the study experimental group was taught by the way of Smart Class and the control group was taught by the way of Traditional class according to the teaching programme. After the teaching achievement test was applied by the researcher.

5. Testing the Hypothesis

Ho: There will be no significant difference in the mean score between the achievement of the students of experimental and control group.

Table 1: Statistics

S.N.	Group	NO.	Average	S.D.	t-value	Sig. N.S.
1.	Control Group	30	18.66	3.85	3.47	S
2.	Experimental Group	30	22.2	4.03		

Table 1 reveals that the average of experimental and control group are **22.2** and **18.66** respectively and the t-value is **3.47** which is more **1.97** at the 0.01 level therefore the difference is significant. Thus the hypothesis is rejected at both levels of significance.

So it can be said that there is significant difference between the score of experimental and control group. Therefore, the significant effect shown of Smart class.

6. Educational Implications

The results show that smart class teaching is more effective and important in compare of traditional class. Smart class needs to supplements the traditional methods instead of replacing them.

1. The results reveal that smart classes are more effective.
2. After analyzing the research result it concludes that the scope of smart class will be bright in future with respect to traditional class.
3. Teacher's training should be given for technology so that they can operate these classes.

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