

Relationship between teacher's attitude and student's academic achievement at college level

Ms Poonam Singh¹ Dr. P.P. Goswami²

¹ Research Scholar ,Bhagwant University ,Ajmer

² Professor ,Bhagwant University ,Ajmer

Abstract

The study found out the relationship among teachers' attitude and student' academic achievement in college level. Despite the importance to mankind and the effort of researchers to improve on its teaching and learning, the achievement of students is still low . Among the factors that have been identified outcomes are: poor method of instructional material, teacher's attitude, Laboratory inadequate and poor science background knowledge. A quasi experimental design was adopted for the study. . The data were analyzed on the basis of the two hypotheses, using independent samples t-test, analysis of variance (ANOVA) and Pearson Product moment correlation. Arising from the findings, it is implied that attitude of teachers in colleges have significant effect on the achievement of students in asone of the science subject. It must be realized that, if teachers show positive attitude towards the teaching the achievement of students will be better than what we have now in our colleges.

Keywords: Quasi, pearson, Ogun state, CAT, TATCTS, ANOVA.

INTRODUCTION

In science education, attitude toward science is an important factor affecting students' science achievement as well as students' alternative conceptions or misconceptions. Attitude is a hypothetical construct that indicates an individual like and dislike towards an item. It may be positive, negative or neutral. Attitude is an approach, temperament, sensation, situation, etc. with regard to a person or thing: inclination or course, especially of the mind. Attitude is a way of looking at things (Muellerleile, 2005).An attitude may be defined as a predisposition to respond in a favorable or unfavorable manner with respect to a given attitude object (Oskamp and Schultz 2005). Every science teacher considered the development of positive attitude towards subjects as his center responsibility (Cheung, 2009). Unluckily, what is going on in our science classrooms isnot particular to the students across all ages, research has revealed, (Stark and gray 1999: Cheung 2009).According to Yara (2009), teacher, attitude and his method of teaching can greatly influenced the students'attitude. Bennett et al. (2001) also explored that the undergraduate students who had developed a lower constructive attitude towards subjects almost always got low grade in examination. A number of factors have been identified as related to students attitude towards their subjects such factors include teaching methods, teacher attitude, influence of parents, gender, age,cognitive style of pupils, career interest, and social implication of achievement, Adesoji (2008)

Statement of the problem

The importance of students achievement particularly in the technological development of a nation cannot be overemphasized. However we cannot lose sight of the fact that in any teaching learning situation, the students, the teachers, the curriculum and the learning environment are the four pilot's factors that make learning to bemeaningful.However, a problem concurrently predominant incolleges is that of teachers having a poor attitude which makes the teaching learning process dangerously done.As related to the tenets of this research work, it has been reported that students academic achievement has been lowered by the teacher's poor attitude to the teaching of the subject matter (Samuel 2010).Therefore, to eradicate this endangering problem, it is necessary to investigate teacher's attitude towards the teaching of subjects in our colleges and its effect on student's achievement.

Research question

The objective of this research work is to answer following questions:

- To what extent does the teacher attitude determines that academic achievement of college students .There is no significant relationship between the teachers' attitude and the student academic achievement.
- There is no significant difference between the Academic achievement scores of male and female students in colleges.

Purpose of the study

This research work look at the position of teaching in some of our secondary schools and how the position affects academic achievement of our students. It also identifies some of the factors affecting the teaching and the relationship with student's academic achievement. The study also looks at methods or ways to improve student's academic achievement examinations.

Significance of the study

This study enable us to have first hand knowledge about teacher's attitude towards the teaching and how this affects the achievement or learning outcome of the learners. This study therefore help in throwing more light on how teachers attitudes affects the learning of subjects in general and as well the factors responsible for the teacher's attitude(positive or negative) towards the teaching .

Scope of the study

This study sorts to figure out the teacher's attitude and its effect on students' achievement in some selected areas.

TEACHER-STUDENT RELATIONSHIP

Some of the greatest teacher's in the history includes Socrates and Plato. They stressed the need for close relationship between the student and teacher. A similar association and relationship is been established or exhibit in ancient Indian between the master and disciples (Herr 2008). Rabinder Natth Tagore also believed in the more human relationship between teacher and student(Boelcaerts 1991). When he started his institute "nilaetan" (a house filled with peace). The important of such closerelationship between student and t**Validity and reliability of the instruments**The content of the "problem-solving Technique Procedure" (PSTP) was checked and validated by five education lecturers who certified the procedure to be adequate for teaching steps and strategies of problem solving as given by Ashmore *et al.* (1979). Experts in education helped to vet the 20-item attitude scale. They also helped to identify the positive and negative statements and to ascertain the reliability of the instrument.

Research procedure

The achievement tests and questionnaire were distributed in good and conducive atmosphere. Due permission was from the colleges before distribution and with the assistance of the teachers. The students answered the test questions individually under the supervision of the researcher and subject teachers.All the instruments were collected back from the respondents immediately after completion, and the achievement tests were scored on the correct options chosen from the multiple choice questions letter A-E for the final analysis.

Data analysis

The research involved two groups of (one hundred and ten students) and (fourteen) teachers. The data collected were analyzed using independent samples Ttest, analysis of variance (ANOVA) and Pearson product moment correlation.

RESULTS AND DISCUSSION

Testing the research hypothesis

Hypothesis 1: (H01): There is no significant relationship between teacher's attitude and students academic achievement. This hypothesis was tested with Pearson product moment correlation and Result of analysis showed that the correlation coefficient (r) is significant at $P < 0.05$ ($r = - .340$ $P < 0.05$). This indicates that there is a significant relationship between teacher's attitude and students' achievement in the subject. So the null hypothesis is rejected.

Hypothesis 2 (H02): There is no significant difference between the mean achievement scores of male and female students . This hypothesis was tested statistics. From the summary table above, result shows that there is a significant difference in the achievement scores of SSS male and female students ($t = 2.018$, $df = 122$, $P < .05$). This means that gender has effect on the achievement of students and the null hypothesis

Conclusion

Arising from the findings of this study, it is implied that attitude of teachers teaching have significant effect on the achievement of students. Students should be encouraged that is very promising, simple and easy to understand. It must be realized that, if teachers show positive attitude, the achievement of students will be better than what we have now in our colleges.. If Government and other stakeholders in education sector could improve on the learning environment of students and working conditions of the teachers and other incentives which will boost the morale of the teachers towards teaching, is most likely that the students' achievement will be highly enhanced.

Recommendation

Based on the findings of this study, it is recommended that: the teachers must develop positive relationship with students and stress classroom activities, which will involve active teaching learning process and student's participation in the class. Teachers should develop positive attitude , if not taught with all enthusiasm could barely be regarded as being abstract Teachers should be encouraged and motivated to acquired higher qualifications by the Government. The ministry of Education should develop policy that mandates that involved calculation to be taught with competence, ability, resourcefulness and ingenuity to efficiently utilize the appropriate language, methodology and available instructional materials to bring out the best from learners in terms of academic achievement.

Suggestion

This research has looked into the relationship between teacher's attitude and student's academic achievement .

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