RESEARCH ARTICLE

HOME ENVIRONMENT AND ACADEMIC ACHIEVEMENT OF STUDENTS AT HIGHER SECONDARY LEVEL

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ARTICLE INFO	ABSTRACT
	Learning takes place through the interaction of learner with his environment. Only in a favorable environment, the learner gets maximum concentration in his learning. Learning of a child starts from home itself. Home environment has great impact in the learning process of the child. Only a favorable environment can produce better learning in students. Academic achievement is the end product of all educational endeavors. The main concern of all educational efforts is to see that the learner achieves after exploring the concept of achievement in the cognitive, affective and psychomotor aspect of human behaviour. This study focuses on the important psychological variables like home environment and academic achievement. Normative survey method was used for the research. Sample includes higher secondary students. Stratified sampling technique was used. The statistical technique used was correlation and t test. The hypotheses states that. 1) There will be significant correlation between home environment and academic achievement of higher secondary students. 2) There will be significant difference between male and female students in their home environment. 3) There will be significant difference between male and female students in their academic achievement.

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INTRODUCTION

The term home refers to the social unit formed by parents and children who live together in one dwelling and carryout the generally recognised functions of family life. Both the term family and home may be applied to these social units. The home has always occupied an important place in any organised social living. In education the family is the first agency and it is still important. Academic achievement is the end product of all educational endeavours. The main concern of all educational efforts is to see that the learner achieves after exploring the concept of achievement in the cognitive, affective and psychomotor aspect of human behaviour. This study focuses on the important psychological variables like home environment and academic achievement

Need and significance of the study

The home is regarded as the best environment for the young child. The home should produce and provide affectionate and happy life in which the fundamental needs of the children and adults are given due consideration and in which desirable

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behavioural patterns of the young are designed and inculcated. The scholastic achievement for learning outcome that a student gains in his school is known as academic achievement. The way that pupils apply themselves is an important factor in life. In this rapidly changing world and with the growing advancement good academic achievement helps pupils for their proper development.. The world is becoming more and more competitive. Quality of performance has become the key factor for personal progress.

Statement of the problem

The present study is entitled as 'Home environment and Academic achievement of students at higher secondary level.'

Operationalisation of technical terms

Home environment

Home environment means all the object, forces and conditions that compass home, that affect the individual through such stimuli, as he is able to receive.

Academic achievement

Knowledge attained or skill developed in the school subjects, usually designated by test scores or by marks assigned by teachers to Higher Secondary Students.

The XI and XII standard students come under higher secondary education.

Objectives of the study

- To find out whether there is any relationship between home environment and academic achievement of higher secondary students.
- To find out whether there exist any difference between male and female students in their home environment.
- To find out whether there exist any difference between male and female students in their Academic achievement.

Hypotheses of the study

1. There will be significant correlation between home environment and Academic achievement of higher secondary students.
2. There will be significant difference between male and female students in their home environment.
3. There will be significant difference between male and female students in their Academic achievement.

Methodology in brief

Methodology is the procedure or technique adopted in research and it occupies a very important place in any type of research.

Method chosen for the study

The investigator selected the normative survey method for the present study.

Population

The population of the study consisted of higher secondary school students of Kerala (Standard XI and XII).

Sample

The data for the study have been derived from a representative sample size of 300 higher secondary students drawn from 5 schools of Pathanamthitta, Kottayam and Alleppey districts. The sample was obtained from standard XI and XII pupils by using stratified sampling procedure.

Measuring Tools

The following were the tools used for collecting data relevant for the present study:

1. Home Environment Inventory (Rekha and George, 2009)

Statistical Techniques Employed

The statistical techniques used in the present study were:

1. t-test
2. Pearson's Product moment method of correlation

Scope of the study

By assessing home environment and of students, teachers can improve the teaching methods by making teaching learning process enjoyable general, it may be said that the teacher should identify children with low academic achievement, poor home environment and poor self concept, and then should try to find what create such difficulties. This can be possible only through a personal attachment of the teachers to their students. The present study helps the teachers, students as well as educational experts who engage in teaching.

RESULTS AND DISCUSSION

Measures of relationship between the variables

The correlation between the variables home environment and academic achievement among higher secondary school students was 0.4 which was significant statistically. This value indicates that there was significant correlation between the two variables.

Table 1. Correlation coefficient (r) between home environment and academic achievement

Variables Correlated	N	M	σ	r
Home environment	300	77.37	11.48	0.4
Academic achievement	300	55.71	18.36	

Test of Tenability of Hypothesis 1

The hypothesis1 entitled "There will be significant correlation between home environment and academic achievement among higher secondary school students" was accepted.

Test of significance of difference between means (t test)

Comparison of Male and Female Students in their Home Environment

The comparison of male and female students under study was done by selecting 154 males and 146 females for the variable home environment.

Table 2. Data and results of significance of difference between Means of scores of male and female students in their home environment

Category	N	Mean	Standard deviation	t	Level of significance
Male	154	79.62	12.95	2.10*	0.05
Female	146	76.06	13.07		

Note: * indicates that t is significant at 0.05 level.

The data and results given in Table 2 indicate that there was significant difference between male and female students in their home environment as noted by the t of 2.10. The t was found to be significant at 0.05 level. It was evident that male students are more superior to female students. Since the former group obtained a mean value of 79.62 and later obtained a mean value of 76.06.

Test of Tenability of Hypothesis 2

The hypothesis 2 entitled "There will be significant difference between male and female students in their home environment" was accepted.

Comparison of Male and Female Students in their Academic Achievement

The comparison of male and female students under study was done by selection 154 males and 146 females for the variable academic achievement.

Table 3. Data and results of significance of difference between means of scores of male and female students in their academic achievement

Category	N	Mean	Standard deviation	t
Male	154	55.46	18.308	0.67
Female	146	54.006	19.35	

The data and results given in Table 3 indicate that there was no significant difference between male and female students in their Academic achievement as noted by the t of 0.67.

Test of Tenability of Hypothesis 3

The hypothesis 3 entitled "There will be significant difference between male and female students in their academic achievement" was rejected.

Conclusion

Learning takes place through the interaction of learner with his environment. Only in a favourable environment the learner get maximum concentration in his learning environment. The mental set up of the individual is important for the success of all his activities.

Academic achievement is the end product of all educational endeavours. The main concern of all educational efforts is to see that the learner achieves after exploring the concept of achievement in the congnitive, affective, and psychomotor aspect of human behavior. Home environment and self concept plays vital role in the life of student. Only when these factors are harmoniously blended, students can attain maximum achievement. Through this each student can become a contributing member to the society.

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