



## An Investigation of the Relationship Between Commerce Students' Achievement In Commerce and their Family Environment

### KEYWORDS

Achievement –academic achievement, Family environment-favorable environment of the family

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### ABSTRACT

*This paper focuses on the comparative analysis of higher secondary Commerce students' achievement in commerce and their family environment. The research was carried out in Namakkal District, Tamilnadu. A total number of 150 commerce students as sample. Achievement in commerce was assessed with the help of Achievement Test developed by the investigator and Family environment was assessed with the help of family environment scale developed by Dr. Harpreet Bhatia and Dr. N.K.Chandha (1993) both the data were collected through test and questionnaire with prior permission of the heads of the institutions. The result were computed by mean scores, 't' test and correlation. Analysis of data revealed that there is no significant difference between male and female commerce students in their achievement in commerce and their family environment. There is positive correlation between achievement in commerce and family environment.*

### Introduction:

Education is the process by which people acquire knowledge, skills, habits, values and attitudes. Education involves both the teaching and learning, sometimes people learn by teaching themselves, in which psychology plays a vital role in education to helping the students.

### Achievement:

Investigation by frank(1936) showed that level of performance in a task is experienced as a success or failure not in terms of absolute degree of accomplishment but in terms of a mark level set by the person establishing the level of aspiration in that particular task.

Tyler (1934) defines school achievement scores as the best predictive of future success of the students.

### Family environment:

The meaning of the word 'family environment' is surroundings; external conditions influencing development or growth of people. 'Family Environment refers to the sum total of condition which surround man at a given point in space and time'. 'The environment is used to describe in the aggregate, all the external forces, influences and conditions, which affect the life, nature, behaviour and the growth, development and maturity of living organism.'- Douglan & Holland.

### Achievement and Family environment:

Learning of students mainly depends up on the students' psychological state of mind. Therefore family environment has significant effects on psychological well-being and serious accounts are being taken of the family environment of students

Family environment needs to be understood within the particular context in which it occurs. Social change and economic imperatives have challenging in the process of learning, making it important to document the effects of this change on students.

### Statement of the problem:

The present study is designed to find out the achievement in commerce, and family environment of higher secondary commerce students, and the relationship between the same. Thus the problem is entitled as "An Investigation of the Relationship between Commerce Students' Achievement in

Commerce and their Family environment".

### Objectives of the study:

The study was designed to pursue the following objectives,

1. To find out whether, any significant difference between male and female higher secondary commerce students with regard to achievement in commerce.
2. To find out whether, any significant difference between male and female higher secondary commerce students with regard to family environment.
3. To study the relationship between higher secondary students achievement in commerce and their family environment.

### Hypotheses of the study:

The following hypotheses were formulated for testing in the study;

1. There is no significant difference between male and female higher secondary commerce students with regard to achievement in commerce.
2. There is no significant difference between male and female higher secondary commerce students with regard to family environment.
3. There is no significant relationship between achievement in commerce and family environment of higher secondary commerce students.

### Methodology of the study:

Descriptive survey method was used

### Sample

The sample of 150 higher secondary commerce students of Namakkal District, Tamilnadu was drawn by using random sampling technique for the study.

### Tools used

In the investigation, following tools were used for data collection;

1. Achievement Test in Commerce, developed by the investigator.
2. Family environment scale by Dr. Harpreet Bhatia and Dr. N.K.Chandha (1993)

Both the above mentioned tools have satisfactory indices of reliability and validity.

#### Statistical Technique

Mean, 't' test and Pearson's product moment correlation were used.

#### Testing of hypotheses and results:

##### Hypothesis 1

There is no significant difference between male and female higher secondary commerce students with regard to achievement in commerce.

**Table 1 showing the difference in the achievement in commerce**

Variables	N	Mean	Standard Deviation	t-value	Significance at 0.05 level
Male	85	28.95	7.09	0.96	Not Significant
Female	65	27.80	7.29		

The above table 1 shows that the calculated t value 0.96 is less than the tabulated 't' value of 1.96 at 0.05 level. Therefore the null hypothesis is accepted. It can be inferred that there is no significant difference between male and female higher secondary commerce students with regard to achievement in commerce.

##### Hypothesis 2

There is no significant difference between male and female higher secondary commerce students with regard to family environment.

**Table 2 showing the difference in the achievement in commerce**

Variables	N	Mean	Standard Deviation	t-value	Significance at 0.05 level
Male	85	230.12	12.80	1.21	Not Significant
Female	65	232.45	10.67		

The above table 2 shows that the calculated t value 1.21 is less than the tabulated 't' value of 1.96 at 0.05 level. Therefore the null hypothesis is accepted. It can be inferred that there is no significant difference between male and female higher secondary commerce students with regard to family environment.

#### Hypothesis 3

There is no significant relationship between achievement in commerce and family environment of higher secondary commerce students.

**Table 3 showing the correlation between achievement in commerce and family environment**

Variable	N	'r'	Significance
Achievement in Commerce	150	0.537	Not Significant at 0.05 level
Family Environment	150		

The above table 3 shows that the calculated r value falls under high degree of positive correlation. Therefore it can be inferred that achievement in commerce and family environment of higher secondary commerce students correlates with one another.

#### Major findings of the study:

1. There is no significant difference between male and female higher secondary commerce students with regard to achievement in commerce.
2. There is no significant difference between male and female higher secondary commerce students with regard to family environment.
3. There is significant relationship between achievement in commerce and family environment of higher secondary commerce students.

#### Conclusion:

In all the above comparisons, the results indicate that the achievement in commerce and family environment is not significantly different from person to person and the correlation between these two is correlated positively. It reveals that the family environment is key factor for the students in their academic achievement.

#### REFERENCE

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