

INFLUENCE OF PARENT RELATED PSYCHO-SOCIOLOGICAL VARIABLES ON ACADEMIC ACHIEVEMENT OF THEIR CHILDREN-A REGRESSIONAL ANALYSIS

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ABSTRACT

Academic achievement has become an important index of Child's future in this highly competitive world and a most important indicator of learning and understanding in all system of education. Parents play a crucial role in moulding every bit of character in their children. In depth, study on parents contributing to their wards achievement, reveals that there are various factors within parents that directly affects their children. Thus the study is to find the combined effect of independent variables related to parent upon the dependent variable academic achievement of high school students. Normative survey method was deployed with sample size of 400 students from 21 schools of Tiruvallur district, Tamilnadu were selected through stratified random sampling technique. The results reveals that 22.2% of the total variance in academic achievement is attributed by different components of parental encouragement, parent child relationship, children's perception of parenting, home environment and sub samples of high school students. Also there is a significant contribution of different components of independent variables chosen on the dependent variable academic achievement of high school students. So the parents has to enlightened more about their role in the life of their children that feasible (or) reasonable amount of care, love and protection/affection should be provided freedom for the children to develop their abilities which would help him/her to face the future world of 21st century.

Keywords: Academic achievement, Parental encouragement, Parent-child relationship, Children's perception of parent, Home environment, High school students.

Introduction

Achievement is a vital factor for every organism living in this world. The sense of achievement brings joy, happiness, successful feeling and enthusiasm to everyone which stands

as an influencing factor for further actions and efforts. Every human longs and tries to reach the achievement in all their endeavors. As rightly said by Albert Camus “Every achievement is servitude. It compels us to a higher achievement”. So achievement is an indispensable factor in everyone’s life.

Academic achievement

Academic achievement has become an important index of Child’s future in this highly competitive world and a most important indicator of learning and understanding in all system of education. In view of Trow (1960), academic achievement is the attained degree (or) ability of competence in school tasks usually measured by standardized tests and expressed in terms of marks (or) grades based on norms. The three vital inducing factors of academic achievement are Determination, Hard Work and Team Effort.

Parents as a vital factor that influences academic achievement

Parents play a crucial role in moulding every bit of character in their children. All parents are greatly interested in the welfare of their children. The well-being of the children is a universal desire. Every parent wants their wards to achieve, to a great extent and be heard as a great scholar of time. In depth, study on parents contributing to their wards achievement, reveals that there are various factors within parents that directly affects their children. Parents certainly have an indispensable effect on a child’s development. They provide the opportunity for imitation of their own behaviour and provide reinforcements for the behaviour of their children.

Children presumably could imitate and act accordingly to whom they are exposed. Because parents are highly available and powerful, however they are the models most likely to be resembled by children who have them. So parents are full responsible for the physical, social, psychological and moral development of their children. The various factors of parents which influences a child especially their achievement is divided into major categories which is given briefly in the figure 1.1

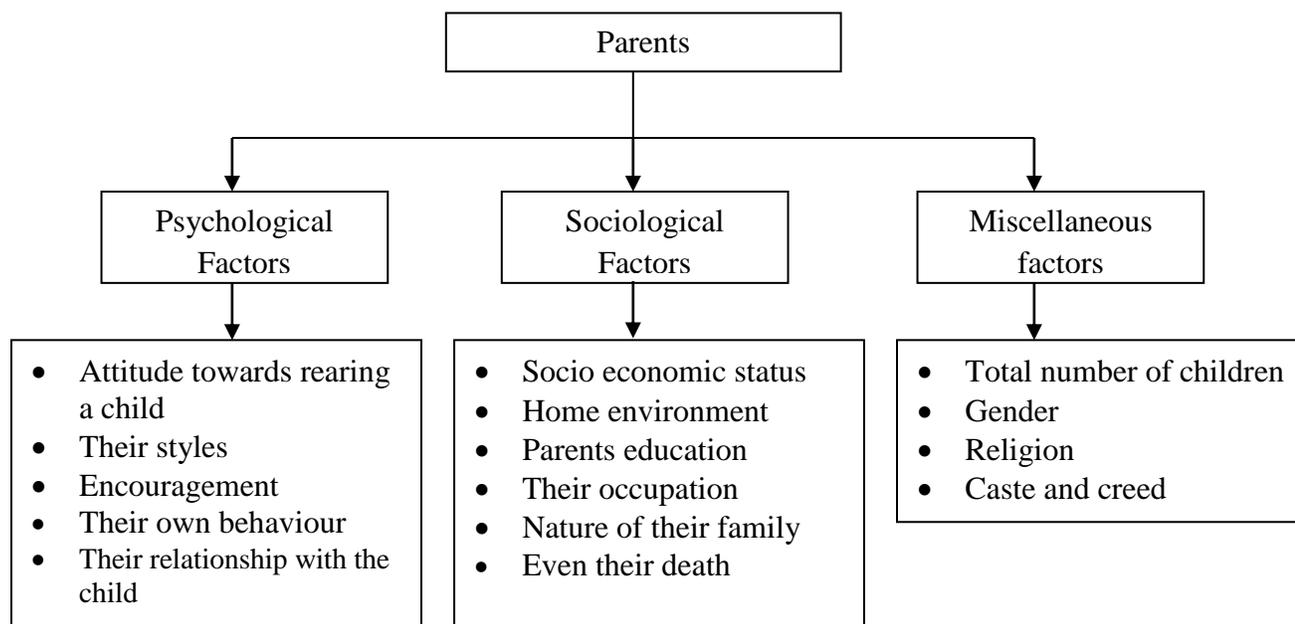


Figure 1.1 Shows the Factors of Parents

Thus each and every aspect of parents affects the total development of a child.

Parental Encouragement

Encouragement received from parents is an incomparable motivating factor for a child where he/she would engage with more enthusiasm and fighting spirit. This factor-parental encouragement will not only push forward psychologically a child but remains as a great impact throughout the life of child forever. Children strive for parental encouragement and approval in every activity they involve. Tulloh (2015) suggests that what it covers to the successful coaching of young people (or) a child, encouragement and support is the key

Parental Encouragement Influence on Academic Achievement

High level of parental encouragement, measured by knowledge of their children's activities in school and frequent visit to the school, has positive effects on the children's academic achievement (Kao, 1995). Further Sui-Chu and Williams (1996) in their study reveals that parental encouragement should be emphasized with parents action at home such as communications with their off springs and supervision on their activities.

Parent Child Relationship

Parent-Child relationship consists of a combination of behaviors, feelings and expectations that are unique to a particular parent and a particular child. The relationship involves the full extent of a child's development.

Parent Child Relationship Influence on Academic Achievement

Parent child relations and style of functioning has a tremendous influence on academic achievement on the children. Some of the characteristic which affect achievement are family climate (Deb Madhu and Hirdai, 1990), fathers' warmth (Elemen, 1991), parental control and psychological autonomy (Steinberg, Dornbusch and Brown, 1992), family cohesion and parent's individual characteristics (Cowan, Powell and Cowan, 1998) and family background.

Children's Perception on Parents and their Style of Parenting

Parenting is a challenging job on earth as they are responsible for the physical, emotional and mental development of another human being. So the children perceive their parents actions, emotions, behaviour, in total the whole personality in their own way as they experience (or) involve in day to day works with them.

Children, who are completely exposed to their parents, forms a concept either positive (or) negative (or) till more fabricated into types which creates a permanent mark in their minds.

Children's Perception of Parenting Influences Academic Achievement

Academic achievement of a child is greatly influenced by children's perception of their parent's style of parenting. Loving and caring parents with democratic and accepting style always tries to understand their children's, skill and competency where they help them to make better decisions about their goals, directions and face difficulties and create strength to overcome them.

Home Environment

Home environment refers to objects, conditions and pressures in home that influences the child physically, intellectually and emotionally. Also it refers to the influences, conditions and forces prevailing in the place where the children are being with their family, which may affect their nature, behaviour, growth, development and maturity.

Home environment Influences Academic Achievement

Home environment, a psychological climate in form of interpersonal relations, attitudes and aptitudes, influences, every circumstance throughout life. Home environment has a great influence on the child's success, especially academic achievement, as the child provided a set of capabilities by the home environment in their daily life.

NEED AND IMPORTANCE OF THE STUDY

In today's complex and competitive world, the children are the basics of the society because they are our future; they lead the path to change and in turn a successful future, in their hands. Therefore, it is the society's bound duty to provide them, a complete education that makes them fit for the society. This education starts with what children learn from their parents and from what they learn in the first few years of their lives. Parents have an enormous influence on their children's education for several reasons but mostly because they are their children's first teachers.

According to Charles Des Forges, 2003 in DFEs research report 433, " Parental role in the form 'at home parenting ' has significant positive effect on children's achievement and adjustment even after all factors, shaping attainment have been taken out of the equation". So success or achievement of the children/students in school, their parents, the relationship, their encouragement and the home environment has a paramount importance and it has to be provided throughout their learning stages because this shapes the lives of the child and how he/she understands the life.

Academic achievement of students in this competitive world of 21st century plays an indispensable role in deciding the future of them. None other than parents play a pivotal role in all aspects of Indian children. India, the country has more culture and emotional bonding in the aspects of parent and child than any other country of the world since the children are more dependent on their parents.

Parenting a child is a systematic process that has a great importance which in turn has effect on psychological, sociological and educational sphere of the child. The child inculcates the qualities, characters of behaviors from the parents which remain forever.

Also the home environment of the child plays a vital role in a child's life. Home is the socio-biological unit that exerts the great influence on the development and perpetuation of the child's behavior. Thus all these factors of parents have great influence in academic achievement of the

children which stimulated the investigator to undertake the research problem which would throw a light on holistic role of parents on the academic achievement.

OBJECTIVES OF THE STUDY

To find out the combined effect of independent variables upon the dependent variable academic achievement of high school students.

HYPOTHESES OF THE STUDY

The combined effect of independent variables upon the dependent variable academic achievement of high school students will be significant.

METHOD OF THE STUDY

As the present study which attempts to describe and interpret what exists at present in the forms of conditions, practices, processes, trends, effects, attitudes, beliefs etc. in the relation of academic achievement of high school students to certain selected variables, the normative survey method is used. This method is an organized attempt to analyze, interpret and report the present status of a social institution group (or) area.

SAMPLE OF THE STUDY

Sampling is the process by which a relatively small number of individuals, objects or events is selected and analyzed to find out something about the total population from which the sample was drawn. Also the size of the test sample is specified by means of statistics so that the sample represents the qualities and characteristics of the general population being investigated accurately.

For the present investigation, the researcher decided to conduct the study in Tiruvallur district, Tamilnadu, India which consists of 52,824 students as universal population who undergoes standard X under 594 schools as population of the study.

To meet, the sample size, 700 samples were received by providing them, the questionnaires and responses were sought from them. Out of 700 samples the sample size of 400 students from 21 schools of Tiruvallur district were selected through stratified random sampling technique.

TOOLS USED FOR THE PRESENT STUDY

1. Academic Achievement – X standard board examination total marks (2015).
2. Parental Encouragement Scale (PES) – Constructed and Validated by the Investigator and the help of the Guide (2015).

3. Parental Child Relationship Scale (PCRS) – Constructed and Validated by Dr. Nalini Rao (2011).
4. Children’s Perception of Parenting Scale (CPPS) – Constructed and Validated by Dr.Anand Pyari & Dr. Raj Kumari Kalra (2013).
5. Home Environment Scale (HES) – Constructed and Validated by Aaliya aktar & Dr. Shail Bala Saxena (2013).

REGRESSION ANALYSIS

Regression analysis is the measure of the average relationship between two or more variables in terms of the original units of the data. It attempts to establish the nature of the relationship between variables that is to study the functional relationship between the variables and thereby provides a mechanism for predicting or forecasting. In the present study investigator used multiple regression analysis for predicting the nature of relationship between the variables.

The regression analysis has been carried out to find out whether there is significant contribution of different components of independent variables on the dependent variable academic achievement of high school students was framed. The results were given in Table No. 1.0 and 1.1

Table 1.0

The Table gives the summary of the Results of the regression analysis Model Summary

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	0.471(a)	0.222	0.181	56.124

Table 1.0 shows the R square value, which is found to be (0.222) and it is evident that **22.2%** of the total variance in academic achievement is attributed by different components of parental encouragement, parent child relationship, children’s perception of parenting, home environment and sub samples of high school students. The remaining percentage of variance 77.8 % (1-R Square) is to be accounted by other factors which are not included in this study.

Table 1.1
Regression of ANOVA Test

Model	Sum of Squares	df	Mean Square	F	LS
Regression	340399.618	20	17019.981	5.403	Significant
Residual	1193828.459	379	3149.943		
Total	1534228.077	399			

It is evident from table 1.1, the F value is found to be 5.403, which is significant at 0.01 levels. It indicates that there is a significant contribution of different components of parental encouragement, parent child relationship, children's perception of parenting, home environment and sub samples on the dependent variable academic achievement of high school students.

CONCLUSION

Thus, the result exhibits that academic achievement has significant contribution from parental encouragement, parent child relationship, children's perception of parenting and home environment. So the parents has to enlightened more about their role in the life of their children that feasible (or) reasonable amount of care, love and protection/affection should be provided freedom for the children to develop their abilities which would help him/her to face the future world of 21st century.

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