



Study of the Effect of Interest, Motivation and Values on Academic Achievement in Secondary Level Students

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ABSTRACT

Education is a purposeful, conscious and continuous dynamic social process which, at every moment, in every situation, executes the overall and progressive development of a person. Secondary level education is very important from the point of view of education, therefore, the effect of interest, motivation and value on the academic achievement of the students studying at this level has been studied. In the presented research, after collecting data by taking students of rural and urban schools of Prayagraj district as a sample, the conclusion was obtained through statistical analysis. Since motivating students according to their interest and developing values, determining curriculum and teaching methods is very important in their educational achievement. The present research study is one such effort.

Keywords- purpose, continuous, effect, harmony, secondary level, students.

Introduction

Education is the mother who gives birth to education and continues to create newly created education by being dynamic and thus continues till life. The knowledge, experience, thinking and outlook of every person in the world are different. Everyone tries to explain and define education in their own way. Some look at education from a universal point of view, some from a one-sided point of view, some explain education in the form of spiritual and various philosophical sects, while others give importance to the perspective of social, economic, psychological, political, moral etc. . The whole life of a person is his education period. Education is a purposeful, conscious, continuous dynamic social process which, at every moment, in every situation, executes the harmonious, progressive development of human beings. In ancient times the field of education was very limited. The needs, circumstances, abilities, interests of the students had no place in the education process, but with the inclusion of psychology in education, more efforts were made to understand the children and solve the educational problems, so education has always been considered important for the nation and society. It is considered an important means of progress of the society because the nation can be kept progressive and developing only by making the education system effective. In this age of science and technology, we must remember that the tree of life is very different from the iron frame. If we want to remove poverty by using science and technology, then the inferiority of mind should also be removed by fine arts. Material poverty alone is not the cause of sorrow. We should satisfy not only the interests of the society but also the human interests. Aesthetic and spiritual excellence contributes to the making of a complete human being. The creative aspect of man is developed through art. Summary:- Education should build both man and society. The foundation of making India a strong nation depends on the quality of education. Rural and urban life presents two conflicting pictures. Both have their own negative and positive aspects which depend on the individual how to make the most of the available opportunities regardless of the negative aspect while living in the environment of any environment whether rural or urban. Lift. The quality of education and its availability are major concerns of rural schools. Is there a big difference between the initial environment, interest, skill, learning ability, availability of basic facilities and access to various facilities at the village or city level because secondary level of education is very important from the point of view of education. At this stage, in the mental development of the boy and girl, the power to think and understand faster, show interest in different fields and in the same way start setting their goals, the process begins. Rural and urban both the environments, family, society and school have a major place in the practical, mental and social development of the boy and girl. What and how he will do, all this is determined by the interests of the boy and girl. Interest is a type of acquired motivation that motivates a person to perform a specific task. According to modern psychologists, the power that drives, directs, organizes behavior is motivation. It is the inner power and the outer power that excites or inspires the boy or girl to work towards their goal. By using motivation in the right way, the process of teaching and learning can be edited in a better way. Why do we do any work? This word 'why' is related to inspiration only.

Motivated boys and girls learn the work quickly, easily, easily and easily. Motivation is very important in the process of education. Every child comes in contact with every situation and environment in life, due to which different tendencies, habits, interests and motivations develop in him due to the influence of different experiences. When boys and girls get motivated and start doing some work, then they strive towards their purpose, they make some ideal rules of their own and set values to be guided. Because our values are very helpful in reaching the goal. Values are those ideals, beliefs, standards

of a person which guide his life cycle and determine our behavior style. Without values education and without education development of boy and girl is not possible.

At the secondary level, the responsibility of the education of students rests with the teacher, but the influence of the parents and the society around them also falls on the boy and girl. The success of a boy or girl depends on some factors like curriculum, interest, goal, capability, etc. At this stage, to provide right guidance to boys and girls, it is very important to develop their right values because today's student becomes a capable citizen of tomorrow's society. From the educational point of view, it is very important to pave the way for their best development by giving guidelines, proper environment, proper curriculum, facilities, adequate opportunities and motivating them by identifying the interest of boys and girls, so that their right values can be developed. And keep moving forward to achieve your set goals and best academic achievements.

Survey of related literature-

The survey of related literature in the presented research has been done by the following sources:-

1. Journal
2. Website
3. Academic Journals
4. Dissertation
5. Micro-research

Specific research objective and null hypothesis-

Objectives of the study:

1. To find out the levels of achievement motivation of high school students in relation to their community, gender and location.
2. To find out whether there is any significant difference in achievement motivation of students belonging to two different communities.
3. To find out whether there is any significant difference in achievement motivation of students with respect to gender and location.
4. To find out the nature of the relationship that exists between the achievement motivation of high school students and their respective academic achievement.

Hypothesis of the study:

1. There is no significant difference in achievement motivation of high school students belonging to two different communities.
2. There is no significant difference in the achievement motivation of male and female students.
3. There is no significant difference in achievement motivation of high school students belonging to rural and urban areas.
4. There is no significant relationship between academic achievement and achievement motivation of high school students based on community, location and gender.

Research Method- In the presented research, interest, motivation and value as independent variables in the secondary level students have to study the impact on academic achievement as their dependent variables, therefore using the incident research method. The survey method has been used.

Population- In the present research, boys and girls studying in classes 9 to 11 of UP Board secondary schools of Ghaziabad district have been considered as population.

Sample- In the presented research, 400 boys and girls of class 9 and 11 studying in 10 schools of UP Board secondary level have been selected as a sample by random method.

Equipment- The equipment used in the present research is-

1. To measure the interest of boys and girls, the certified questionnaire instrument of Dr. S.P. Kulshrestha, D.A.V. (PG) College, Dehradun has been used.
2. Dr. (Mrs.) G.P. Sherry, Former Director, Dayalbagh Educational Institute (Deemed University), Agra, U.P. and Prof. R.P. Verma, Retired, Banaras Hindu University (U.P.) for the cost measurement of boy-girl segment. A validated questionnaire instrument has been used.
3. To measure the motivation and academic achievement of boys and girls, Dr. T.R. Sharma Professor and Dean (Retd.), Faculty of Education, Punjabi University Patiala's certified questionnaire tool has been used.

Used statistics - In the presented research, the following statistical techniques have been used for the analysis of the data-

(1) Mean (2) Standard deviation (3) Standard error (4) T-test (5) ANOVA

Results

Table: 1.1: Mean and SD of Academic Achievement (A A) Scores of the various Samples

Sample	N	Mean	SD
Non-tribal	140	29.96	7.23
Tribal	60	32.11	8.24
Boy	100	28.32	8.23
Girl	100	32.25	6.51
Urban	120	32.52	7.92
Rural	80	26.56	5.83

Table 1.1 showed that A.A. Mean scores of different categories of samples in . AM scores did not hold the same position. Here tribal, girl and urban students showed better AA than their non-tribal, rural and boy counterparts.

Table:1.2: Significance of the difference between Means of the Achievement Motivation Scores of the various samples:

Sample	N	M	SD	't' value	Significant at 0.01 Level
Non-tribal	140	17.05	3.52	2.31	NS
Tribal	60	15.63	3.69		
Boy	100	17.48	3.88	1.39	NS
Girl	100	16.73	3.73		
Urban	120	17.16	3.89	10.03	S
Rural	80	11.87	3.49		

Table-1.2 shows that the T value of 2.31 A.M. showing the average difference in The scores are not significant between tribal and non-tribal high school students at 0.01 level. This indicates that there is no significant difference in achievement motivation of tribal and non-tribal students.

Also the t value 1.39 indicates that the mean difference in achievement motivation score of boys and girls high school students is not significant at 0.01 level. This indicates that there is no significant difference in achievement motivation of boys and girls of both the communities.

The t value of 10.03 showing difference in achievement motivation of rural and urban high school students is significantly different at 0.01 level. This indicates that there is a significant difference in the achievement motivation of the rural and urban students of the two communities. Therefore, the first and second null hypotheses of no significant difference between groups of students formed on the basis of community and gender with respect to their AM were accepted and the third null hypothesis that there is no significant difference between groups of students with respect to their AM. With regard to his A.M. was dismissed.

Table:1.3: Relationship between Achievement Motivation (AM) and Academic Achievement (AA) of high school students.

Sample	N	Calculate value of r	Table value of r	Significant at 0.01 level
Non-tribal	140	0.7	0.208	S
Tribal	60	-0.07	0.325	NS
Boy	100	0.11	0.254	NS
Girl	100	0.54	0.254	S
Urban	120	0.419	0.228	S
Rural	80	0.77	0.283	S

Correlation analysis in Table-1.3 revealed that the coefficient of correlation between AM and AA was significant at 0.01 level in case of non-tribal, girl, urban and rural student groups but the coefficient of correlation was significant between tribal and boy student groups . Two variables were not significant at the 0.01 level. However, it was clear from the result that the fourth null hypothesis of no significant relationship between AM and AA of high school students of non-tribal, urban, rural and girl groups was rejected and the high school students of tribal and boy groups The null hypothesis was upheld in the case of students of B.

Conclusion & Finding

After the completion of the research work of the presented dissertation, it was concluded that in every environment whether it is rural level or urban level, there is an impact of the environment, living conditions, their educational facilities etc. on the boy and girl. There is an impact at all levels, mental, social, cultural. At the secondary level, the responsibility of the education of the students rests with the teacher. Secondary level students do not have awareness about the subject and their purpose, and even if it remains, the state of confusion is high. They remain more confused in things like which subject they should take, what purpose they should set, they do not know their interest, ability, ability and values, hence the interest, motivation and value of secondary level students, their academic achievement. But the effect was found to be relatively less, so through this type of research, efforts can be made to give proper guidance to the students by the teachers and parents. So that they can have more positive impact on their educational achievement and they can achieve their objective by setting their goal and choosing the subject accordingly, the work of education is the development of the inherent powers of human being, through which secondary Level students, by adjusting according to the environment of rural and urban areas, boys and girls should be able to know themselves and be able to determine their goal by getting qualification, education, behavior etc. according to their interest and become a part of the society. Be an able, conscientious and aware citizen as well, because today's student becomes a capable citizen of tomorrow's society.

1. From the above analysis the investigator found that majority of students in different groups have average achievement motivation but a large number of tribal students were very low in their achievement motivation.
2. Average AM scores indicate that tribal and non-tribal high school students in general have average achievement motivation. When classified, it is found that the non-tribals are marginally better off than their tribal counterparts. In case of boys and girls in both the communities it is found that AM of boys is slightly better than that of girls. Furthermore, in the case of urban and rural students from both communities, the achievement motivation of urban students is much higher than that of their rural counterparts. Thus, it was found that except the rural students of both the communities, all other categories of the sample showed average achievement motivation.
3. The present study revealed that there is no significant difference in AM between tribal and non-tribal, boys and girls. But there is significant difference in AM of urban and rural students and AM of urban students is much higher than their rural counterparts.
4. In case of relationship between achievement motivation and academic achievement, it is observed from the study that there is no significant relationship between AM and AA in case of tribal students and boys students. On the other hand, there is a significant relationship between AM and AA in case of non-tribal students, female students, rural and urban students. Thus, the study revealed that achievement motivation enhances the academic achievement of the students.

Educational implications

In the presented thesis, the educational implication has been presented by the researcher for his research work:-

- Positive thinking towards urban and rural schools of secondary level can be promoted by the presented research study.
- Through this research study, there should not be any difference between the students to get education; it can also be taken care of so that all the students can achieve their goals through education. Through the presented research study, parents will be able to know the interests, abilities of their children and will keep the family environment good and motivated in which the students can achieve their right goals. ➤ In the present research study, motivation with interest is of great importance in which teachers and students can all work smoothly by being motivated by each other. Students can be motivated towards their goal.
- Through the presented research study, students will be able to motivate whether they are conscious and progressive towards their life goals or not.
- Professional guidance can be given through the presented research study.

References

- [1]. Ayub, N. (2010). Effects of intrinsic and extrinsic motivations on academic performance. *Pakistan Business Review*, 8, 363 – 372
- [2]. Borghaus, I. & Well, B.T. (2013). The importance of intrinsic and extrinsic motivation for measuring IQ. *Economics of Education Review*, 34, 1-16
- [3]. Cather, W. (2015). Extrinsic motivation. Retrieved on from <http://www.study.com/extrinsicmotiation>
- [4]. Cherry, K. (2017). Extrinsic motivation. Retrieved from <http://www.verywell.com/what-isextrinsic...>
- [5]. ConnectUS (2016). Extrinsic motivation. Retrieved from <http://www.connectusfund.org>
- [6]. Farlex Education Review. (2018). Extrinsic motivation. Retrieved from <http://www.medicaldictionary.com/extrins>
- [7]. Hanson, A. E. (2010). Blame the teacher. Retrieved from <http://www.modernghana.com/./blame>
- [8]. Kuehn, R.P. (2017). Responsibilities of a teacher: developing the moral values of students. Retrieved from <http://www.saopxbove.com/social-issues/responsibilities-of-a-teacher>

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- [9]. Meadows-Fernandez, R. (2017). Extrinsic motivation. Retrieved from <http://www.com>health>ext>
- [10]. Psychestudy.com (2018). Extrinsic motivation. Retrieved from <http://www.psychestudy.com/generalmotivation/extra>
- [11]. Quinis, G. (2008). Extrinsic motivation. Retrieved from <http://www.frepationline.com/article/journal/instructionalPsychology>