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Study of Adjustment and Academic Achievement at Secondary Level

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Abstract:

Every child is born having some specific powers and capacities and when these powers and capacities get proper environment, they grow rapidly in positive direction. While their growth is restricted in lack of proper environment. Education has a important role in making of proper environment because it is a social process and it helps students to develop their different types of capacities like creativity, adjustment, intellectuality, academic powers etc. In addition, education teaches to balance and correlate among these powers and capacities. Since, adjustment has a significant role in development of students and it directly affects their education. Therefore, the presented research study was made on the adjustment and the academic achievement so that their importance for education could be found out. As the result, it was explored that there was a meaningful correlation between the adjustment and academic of the students of secondary level.

Keywords: Adjustment, Academic Achievement, Rural, Urban, Students, Secondary Level.

Introduction:

Education has become basic need for the human in present times because without education human is like animal. Education develops basic powers of the child. It is a life-lasting process. Individual differences are found among all the persons of this world. Every child is born having some specific powers and capacities and when these powers and capacities get proper environment, they grow rapidly in positive direction. While their growth is restricted in lack of proper environment. Education has an important role in making of proper environment because it is a social process and it helps students to develop their different types of capacities like creativity, adjustment, intellectuality, academic powers etc.

Adjustment plays a revolutionary role in the development of child in all fields. It is usually seen that a child who has more capacities of the adjustment performs better activities in field of education and his personality is well-adjusted. His academic achievement is also better than that of other students. Since, the adjustment has a touching role in the development of students and it directly affects their educational system. So, researcher decided to study adjustment and academic achievement at secondary level.

Secondary Education

Secondary education is a very important level of education in our country. Secondary level is that level of education which works as a link between primary education and higher education and connects both of them (Prof. Humayun Kabir). Students studying at secondary level are generally in age of adolescence. So, importance of this level of education is increased more.

According to Kothari Commission, primary education is for 7-8 years and after its secondary education is for 4 or 5 years.

Adjustment

Adjustment is that process by which human-beings make balance between their needs and circumstances affecting the fulfilment of these needs. Human-beings adjust in every field of life. When the balance of adjustment is destroyed, the condition of conflicts is born. These conflicts may be related to thoughts, castes or more else. Generally, adjustment means to adapt himself according to

available circumstances so that may be lived in those circumstances without any conflicts. Adjustment has very similarity with word 'Adaptation' which is very popular in science. Child learns to adjust through family and this process keeps on running in school, college even lifelong. Need of adjustment is very necessary for students because they have to build the nation in coming time. This thing is more necessary for students of secondary level. Because this level of education connects primary education and higher education. Students enter in their professional life after completing secondary education where they have to face a lot of challenges. Capacity of adjustment helps them to face these challenges. So, researcher decided to study adjustment at secondary level.

Academic Achievement

Main aim of education is to make all round development of child in modern educational system. It is necessary to measure and evaluate academic achievement and traits related to personality for all round development of child. Academic achievement means acquired knowledge and experience in different subjects by student after studying a special course in schools which shows delimitation of acquiring knowledge and experience. Ability and capacity of child is measured through academic achievement and if any lack is found, he is given remedial treatment. Guidance and counselling is also given to students on basis of academic achievement.

Statement of the Problem

For any research work, statement of the problem has a specific importance because statement of the problem gives information about problem. The problem of presented research is following-

'Study of Adjustment and Academic Achievement at Secondary Level.'

The Objectives of the Study

- 1) To retrace the significant relationship between adjustment and academic achievement of rural students of secondary level.
- 2) To retrace the significant relationship between adjustment and academic achievement of urban students of secondary level.
- 3) To compare between rural and urban students at secondary level in reference to their adjustment.
- 4) To compare between rural and urban students at secondary level in reference to their academic achievement.

Hypothesis of the Study

1. There is no significant relationship between the adjustment and academic achievement of rural students of secondary level.
2. There is no significant relationship between the adjustment and academic achievement of urban students of secondary level.
3. The rural and urban students of secondary level do not have any differences on the adjustment.
4. The rural and urban students of secondary level do not show any differences on the academic achievement.

Delimitations of the Study

Every researcher has his own capacity to do research and he works according to it. The scope of study has also some characteristics. So, every researcher delimits his research in perspective of the limits of time, money, available things etc. Therefore, the researcher has also determined some delimitations of presented research which are following-

- 1) All the students studying in schools of secondary level were adopted as population.
- 2) Only those schools of secondary level were taken in study which were situated in Deoria District.
- 3) Students studying only in class tenth were adopted as sample.

Research Design

The research design for presented study has been shown in following way-

Method of Study

To be selected a suitable method of study is a very necessary step in any research. The researcher adopted survey method under descriptive research for presented study.

Variables of Study

Adjustment and academic achievement were adopted as main variables in presented study. On the other hand, residence like rural and urban as well as gender-difference like male and female worked as demographic variable for presented study.

Population of Study

All students studying in schools of secondary level of Deoria District were adopted as population in presented study.

Sample of Study

Sample is a presentative part of population that is small in size and has its all properties. 400 students studying in class tenth of secondary schools of Deoria District were selected as sample using method of stratified random sampling. Distribution of sample has been presented in following way-

Table No. 1

Distribution of Sample

Residence	Numbers of Students		Sum of Total
	Male	Female	
Rural	100	100	200
Urban	100	100	200
Sum of Total	200	200	400

Tools of Study

Researcher takes help of tools to get information from sample which should be reliable and valid. The presented study adopted following tools to get information from sample-

- **Adjustment Inventory-** This inventory was constructed by A.K.P. Sinha and R.P. Singh. It has 60 items. There are three options- always, sometimes and never for every item. Its reliability was calculated by test-retest method and was found 0.93. Process of Scoring for this inventory has been given in table no.2.

Table No. 2

Description of Scoring Process for Adjustment Inventory

Sr. No.	Types of Items	Always	Sometimes	Never
1	Scored Marks 'Always'	2	1	0
2	Scored Marks 'Never'	0	1	2

According to instructions given in manual, level of adjustment of any student will be as better as he/she acquires less marks on inventory.

- **Academic Achievement-** The marks of annual examination of class ninth of students studying in class tenth were adopted as academic achievement.

Statistical Techniques

- C.R. test
- Pearson Product Moment Correlation

Analysis and Interpretation of Data

Analysis of data for presented study has been shown in following tables --

Table No. 3

The Process of the Calculation of Correlation for the Rural Students

Variables	N	df	Calculated Value of 'r'	Table Value of 'r'
Adjustment	200	198	0.31	.05= .159
Academic Achievement				.01=.208

Above details shows that positive correlation coefficient of adjustment and academic achievement of rural students of secondary level is 0.31 which is greater than .159(.05) and .208(.01) table value of significance of both levels. So, it is significant at .01 level of significance. On basis of it null hypothesis-“There is no significant relationship between adjustment and academic achievement of rural students of secondary level” is rejected.

It proves that students who adjust easily, their academic achievement is also positive. It means that students having more academic achievement have also more capacity of adjustment.

Table No. 4

The Process of the Calculation of Correlation for the Urban Students

Variables	N	df	Calculated Value of 'r'	Table Value of 'r'
Adjustment	200	198	0.29	.05= .159
Academic Achievement				.01=.208

Here, N= Numbers of Students

Above details shows that positive correlation coefficient of adjustment and academic achievement of urban students of secondary level is 0.29 which is greater than .159(.05) and .208(.01) table values of significance of both levels. So, it is significant at .01 level of significance. On basis of it null hypothesis-

“There is no significant relationship between adjustment and academic achievement of urban students of secondary level” is rejected.

It proves that students who adjust easily, their academic achievement is also positive. It means that students having more academic achievement have also more capacity of adjustment.

Table No. 5

Comparative study between rural and urban students of secondary level in relation to their adjustment

Group	N	Mean	S. D.	Standard Error	Calculated Value of C.R.	Table Value of C.R.
Rural	200	44.23	17.81	1.80	0.86	.05= 1.97
Urban	200	42.68	18.23			.01= 2.59

df= 398

Above table no. 5 shows that mean of adjustment of rural and urban students of secondary level is respectively 44.23 and 42.68, standard deviation is 17.81 and 18.23 while standard error of both group is 1.80. Calculated value of C.R. test is 0.86 which is less than table value (1.97) at .05 level. So, it is not significant at .05 level. Therefore, null hypothesis of presented study “There is no significant difference between rural and urban students of secondary level in relation to their adjustment” is accepted.

In this way, it can be said that rural and urban students of secondary level have equal capacity of adjustment. They both can adjust themselves in emotional, social and educational areas equally.

Table No. 6

Comparative study between rural and urban students of secondary level in relation to their academic achievement

Group	N	M	S. D.	Standard Error	Calculated Value of C.R.	Table Value of C.R.
Rural	200	61.42	14.81	1.55	1.09	.05= 1.97
Urban	200	63.11	16.23			.01= 2.59

df= 398

Above table no. 6 shows that mean of academic achievement of rural and urban students of secondary level is respectively 61.42 and 63.11, standard deviation is 14.81 and 16.23 while standard error of both group is 1.55. Calculated value of C.R. test is 1.09 which is less than table value (1.97) at .05 level . So, it is not significant at .05 level. Therefore, null hypothesis of presented study “There is no significant difference between rural and urban students of secondary level in relation to their academic achievement” is accepted.

Conclusions of Study

Conclusion is one of the most important steps of any research . It can be known by it how much objectives of the presented study could be achieved. It was found out through present study a positive correlation between adjustment and academic achievement at secondary level . But the students did not show any discordances neither on academic achievement nor adjustment at secondary level.in reference to their residence as rural and urban . It is also important to be described that the lack of this discordance was seen at .05 level which was a strong fact to reject research hypothesis and to accept null hypothesis.

Educational Importance of Study

Main aim of education is to develop child on all dimensions. If this development to be done viewing residence of child as rural and urban, result would be more better. Result of study tells that adjustment and academic achievement affect each other positively at secondary level. This result is effective equally in perspective of gender and residence of students. In addition to it, no significant difference to be found in relation to adjustment as well as academic achievement at secondary level proves that secondary school students are equal in respect to their gender and residence. So, opportunity of education should be equal for them.

Suggestions for Further Study

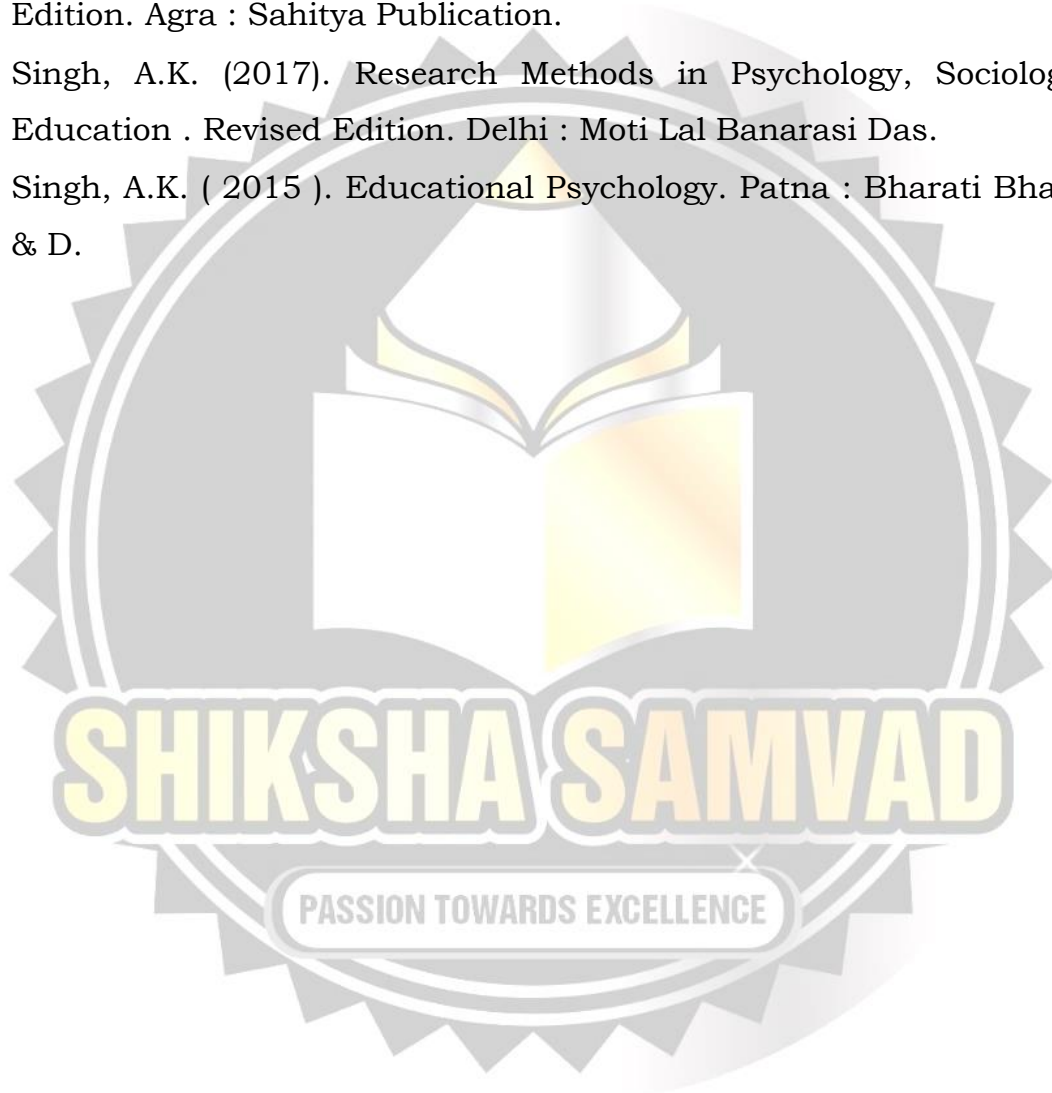
This type of study to be done would be more useful in following areas-

- Study of adjustment and academic achievement at graduate level.
- Study of adjustment and academic achievement at B.Ed. level.
- Study of adjustment and academic achievement at Post graduate level.
- Study of adjustment and school environment at secondary level.

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