



## **A COMPARITIVE STUDY OF SELF CONCEPT OF XI CLASS STUDENTS OF COMMERCE AND SCIENCE STREAM**

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### **Abstract**

*The study investigates the Self Concept of the XI class students of commerce & science stream. The sample of the study consists 800 students of public school from Mathura District of U.P. Self Concept Questionnaire developed by Dr Raj Kumar Saraswat was used to collect the relevant data Mean, S.D., t- test & Correlation was used to analyse the data. The finding revealed that there exists positive difference in Self Concept of XI class of commerce & science stream.*

**Keywords:** *Self Concept, XI, class students.*



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## **INTRODUCTION**

Self concept is the image that people have of themselves. It is a key stone to personality and gives consistency to personality. It includes what people come to know about themselves through experience, reflection and feedback from others.

Self concept means “Those perceptions, beliefs, attitude and feelings which the individuals views as part of the characteristics of himself .” It is his own conception about his physique and health, intellectual abilities, academic status, health, emotional tendencies and socio economic status. The self concept is how we thinks about and evaluate ourselves. High self concept in a subject will lead to greater happiness and academic achievements where as low self concept in subject may contribute to failure in the subject. Self concept is a strong facilitator in academic achievements and that a positive or negative change in self concept tends to produce a commensurate change in academic achievement or performance. (P.O. Varo (2010))

## **LITERATURE REVIEW:**

A number of studies have been conducted on self concept. Few previous studies have been presented below:

A.D. Singh (1983) made a comparative study of high and low academics achievers in self concept formation.

A positively significant relationship was found between self concept and academic achievement of Arts, Science and Commerce students. There was a significant difference in the self concept of high & low academic achievers this was true in both rural as well as urban male and female students.

Madasamy, M (1992) studied and found that the positive development of self concept in pupils is likely to increase their favorable altitude towards schools and enhance their academic achievement and schools factors play a dominant role in developing a positive self concept among the girls.

Ebeh (2000) claimed that high self concept in a subject promotes happiness in the learning of the subjects where as low self concept in the subject may contribute to failure in the subject. some educators believe that improved self concept in a subject will lead to greater happiness and academic achievement.

### **OBJECTIVE OF THE STUDY**

The main objective of the study are –

- (1) To make a comparative study of the Self Concept of the XI class children of commerce stream and science stream.
- (2) To make a comparative study of the Self Concept of the boys of XI class commerce and science stream.
- (3) To make a comparative study of the Self Concept of the XI class commerce and science stream.

### **HYPOTHESIS –**

- (1) There is no significance difference between the Self Concept of XI class students of commerce and science stream.
- (2) The XI class boys of commerce and science stream do not differ significantly in their Self Concept.
- (3) The XI class girls of commerce and science stream do not differ significantly in their Self Concept.

### **DELIMITATION OF THE STUDY**

Following are the delimitation of the study –

- (1) Only 800 XI class students ( boys and girls) of public school were taken for study.
- (2) The study was delimited in terms of stream only commerce and science stream were taken into consideration.
- (3) The study was delimited to only one variable- Self Concept.

## METHOD AND SAMPLE DESIGN

The study was conducted under the descriptive survey method. The population of the study is all the XI class commerce and science stream of public school in Mathura District of U.P.

For the study 800 sample was selected on the basis of stratified random sampling method.

## TOOLS FOR DATA COLLECTION

To study the Self Concept of the XI class commerce and science stream student the investigator has used Self Concept Questionnaire by Dr. Raj Kumar Saraswat. The reliability of the test was 0.91 of the first retest.

## RESULT AND DISCUSION

- (1) There is no significance difference in the Self Concept of XI class student commerce and science stream.

Variable	Stream	Mean	S.D.	t-value	r-value	Remark
Self concept	Commerce	173.53	14.62	0.721	0.025	Not significant
	Science	174.26	14.00			

Table shows that coefficient of correlation of Self Concept of commerce students with students of science stream is 0.025. This result shows that the Self Concept of students of both stream are positively correlated.

- (2) There is no significant difference in the Self Concept of boy students of commerce and science stream.

Variable	Stream	Mean	S.D.	t-value	r-value	Remark
Self concept	Commerce	175.13	16.04	0.341	0.005	Not significant
	Science	175.68	16.49			

Table 2 shows that coefficient of correlation of Self Concept of Boy students of commerce stream with Boy students of science stream is 0.005. This result shows that the Self Concept of Boy students of both stream were found were found in similar pattern.

- (3) There is no significant difference in the Self Concept of girl students of commerce and science stream.

Variable	Stream	Mean	S.D.	t-value	r-value	Remark
Self concept	Commerce	171.93	12.89	0.76	0.03	Not significant difference
	Science	172.83	10.81			

Table 3 shows that  $r = .03$  Thus result shows that the Self Concept of girl students of both stream was positively correlated.

## **MAJOR FINDING**

- (1) There is no significant difference in the Self Concept of science and commerce stream (boys and girls).
- (2) There is no significant difference in the Self Concept of boy students of science and commerce stream.
- (3) There is no significant difference in the Self Concept of girl students of science and commerce stream.

## **CONCLUSION**

- (1) Self Concept of science stream students is higher than students of ( boys & girls ) of commerce stream.
- (2) Self Concept of the boy students of science stream is higher than the boy students of commerce stream.
- (3) Self Concept of girl students of science stream is higher than the girl students of commerce stream but it is not significant.

## **EDUCATIONAL IMPLICATIONS**

- (1) School should allow the students to opt particular branch of study on the basis of their interest aptitude and attitude towards study it will increase their academic Self Concept.
- (2) Parents should aware their children regarding the scope and objectives of different branch of study and help them to choose right branch of study for their career.
- (3) They should not compel their children to take their particular branch as per their desire. Management must give equal attention in terms of providing facilities and finance to different branch of study.
- (4) Class room teachers should teach student good study abilities and self management skills and try to motivate them towards their subjects and career.
- (5) School management should provide special counseling regarding their career and scope in commerce field. So that they could realize the importance of their subjects and work. Parent should not deal girls and boys differently at home. They should give equal preference to both and make them realize their equal importance in the family and society. There should be no discrimination on the basis of sex.
- (6) NCERT should also inspect its works justify its existence for the quality improvement in the field higher secondary education.
- (7) NCERT should carry out inspection of school which are imparting education in different stream to observe whether they are following all norms and guidelines or not.

(8) In this way the schools which are providing education for commerce and science stream at higher secondary stage should provide favorable atmosphere to commerce stream students without any partiality which will enhance their Self Concept. Student with high Self Concept will be able to score more academically and achieve their objective successfully and became competent.

#### **REFERENCE**

- Ebeh, C.O. (2000) "Strategies for increasing female enrolment in mathematics for technological development in the millennium ABACUS" *The journal of mathematics Association of Nigeria (MAN)* 25 (1) 84-91.
- Madasamy, M. (1992) "Developing positive self concept among girl students" *M.phil edu Alagappa University*.
- Singh, A.D. (1983) "Comparative study of high and low academic achievers in self concept formation to study the difference in the self concept of high and low achievers." *Ph.D Education RDVV 4<sup>th</sup> survey of Research in Education. PP.83-88;11857.*