

LOGICAL THINKING AND EDUCATIONAL ANXIETY AS CORRELATES OF SELF-CONFIDENCE AMONG SECONDARY SCHOOL STUDENTS

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ABSTRACT

The objective of the present study is to analyze the relationship of Self-Confidence with Logical Thinking and educational anxiety among secondary school students. A sample of 600 male and female secondary school students was collected from Rohtak district with five blocks. Random sampling technique was employed to collect the data. Descriptive survey method was employed to conduct the present investigation. The results revealed that Logical Thinking was found to be significantly positively correlated with Self-Confidence while Educational anxiety was found to be negatively associated with Self-Confidence.

KEYWORDS - Self-Confidence, Logical Thinking and Educational Anxiety

INTRODUCTION:-

Confidence is believing in yourself. Being a person who does not believe in himself can never be successful. To be successful, it is necessary to believe in yourself that you can do this work. I will finish it, but if it is already in my mind, I do not know whether this work will be done or else, no matter how much you try, you will not be able to start this work. Then you will never be able to achieve success, even if you have started in the compulsion. It is courage and confidence that make it worth living in this world and society.

It is our confidence and encouragement that motivates us to live. Even in a negative situation, many times in our life we face great difficulty, yet do not lose our courage to endure even that unbearable condition. Because there is no hope or strength on which we are burnt to life.

Confidence only shows a new direction of life to the person at every turn of life. It is needed in every area of life. When we lose hope, we start to feel broken and nothing feels good and we get frustrated if the moment is handled well then the result can be pleasant. There will

never be a failure in life. It is very difficult to do this. Only we should have courage and courage to do ahead and fight with every difficulty.

There will be plenty of opportunities to grow further in life. It is our self-confidence that inspires us to do anything, we have to work hard to create a different identity in the crowd and to do something special, we will always work hard and hard. It is courage and confidence that make it worth living in this world and society."Self-confidence refers to a person's distinct ability to act effectively in a condition to overcome threats and to get things to go all right". Basavanna 1975

Logical thinking –

A cognitive ability like problem-solving thought process and rational can be well-advised as some of the primary feature which differentiates human-being from other variables including the higher animals, the challenges and problem faced by the society or by the individual or solved through efforts. This effort involves thinking and reasoning. This reasoning and powers of the thinking can we can evaluate the important tools for the welfare face and valuable presence of the person and community. Thinking is considered the skill because skill is an ability to perform effectively in certain circumstances. Thinking can be improved by practice and direct attention. The ability to generate thoughts and to link them together in a consistent way perceptibly involves thinking skills. Thinking is an operating process with which the mind acts upon Knowledge. Knowledge or information is the basic material handled during thinking. In school subjects, information is more important than thinking. At once extreme, thinking is not possible without some information on the subject in other words perfection would make thinking important. Thinking is only a tool for assimilating information, classifying it, and putting it into its correct place.

Thinking is not an alternate for information and that information is no alternate for thinking. There is a need for both. We need to think to make the best use of the information we have. Computers and information provide us with the information still we depend on the thinking to overcome the problem of overwhelming and confusion created by all the information. We have need thinking for inspiring creative new designs and alternatives. Once teaching skills are mastered then these can be used individually and in a group. Teaching higher magnitude thinking helps the pupil to apply life skills and unsatisfactory them an added advantage to help them improve their self-satisfied cognition lower order thinking and self-esteem. So, it is

becoming essential to pay more attention to thinking. in the education also. Without creativity, judging personality, and independent thinking the upwards development is as absurd as the development of individual qualities without its valuable soil of the society. Yet there are a lot of misconceptions about thinking in society.

The human being who has a dislike for logical thinking has found this type of experience all-time ineffective, defeat, and unlikable."In psychological discussion, it is well to keep the concept of thinking for an action which retains importantly of a connected flow of thoughts which are directed towards some end purpose". **Valentine**

Educational anxiety

Anxiety is a general reaction to frustration. Increasing out of frustration anxiety serves as a driving force for adjustment. According to Freud, anxiety reins our behavior by causing us to avoid frightening experiences in our environment. Anxiety is a human process, images of collective insensible and illogical forces of his conscious mind to his invasion. (Jung 1920). Anxiety is regarded as the ego that is the expression of threat from danger. Ego is the scent of anxiety. If the ego is threatened by it, one develops neurotic anxiety, if, by the superego, one develops moral anxiety and if it is threatened by external world reality anxiety is the result (Freud, 1936).

Anxiety refers to an organism's unpleasant psychological and physiological responses to external or internal dangers, which might lead to the organism's disintegration, exposed to Threats from within that is coming from the superego, its reaction to such a threat is called anxiety(Dutt, 1975). "Anxiety serves as a driving force for a large number of subsequent adjustments" (Symond). "Anxiety is series of symptoms which arise from faulty adoption to the stresses and strains of life" (Ross). Anxiety refers to a subjective experience of the individual, a painful uneasiness of mind. (Webster's). Anxiety is the vague, uneasy feeling we get when we dreading something. Anxiety defines as an analyzable scientific discipline condition that affects versatile cognitive, activity, and scientific discipline States (Putnam, 2010).

In the Light of variance definition, it can be concluded that anxiety is the unpleasant emotional state with a quality of apprehension, dread, distress, and uneasiness. It is a painful emotional experience i.e. (the uneasiness of the mind) produced by excitation in the internal organs of the body. It is an internalized fear, aroused by an impulse to commit. It is a danger

signal to the danger impulsive is to out to break, it is in fact, an unconscious reaction to depressed tenderness

Thus, nervousness can be defined as an unpleasant and distressing psychological state arising from inner conflicts. Anxiety is one common psychosomatic disorder in educating- age children and teenagers universal

RELATED LITERATURE:- After the various researches, it was found **Mafakheri, Malkhalifeh M.R Shahvarani A., Behzadi M.H. 2013, Srimadevi and Saraladevi (2016), Malhotra & Malhotra(2016)** revealed a significant and positive relationship between Self-Confidence and Logical thinking, **Kumar et. Al. (2014)** disclosed a negative and vital correlation ($r=-0.10$) between academic stress and academic gain.

OPERATIONAL DEFINITIONS

SELF-CONFIDENCE: -Self-confidence is mental and spiritual power. This gives freedom of Ideas, patience, and successes are attained due to the belief in the work. This gets self-defense. There is no concern of any kind towards your future the man. Self - confidence persons remain free, self-confidence is the inner spirit feeling of a creature. Without this person cannot succeed in life.

EDUCATIONAL ANXIETY: “Educational anxiety define as a feeling of worry and nervousness about scholastic and co-scholastic activities with an uncertain outcome in the life of a student”.

LOGICAL THINKING:- “The ability of a person to think in a private manner or to base his opinions on facts and suggestions is referred to as logical thinking skills. In a nutshell, logical thinking abilities imply incorporating logic into one's thought growth whenever analyzing a problem for a solution”.

VARIABLES:

Self-Confidence , Logical Thinking and Educational Anxiety

OBJECTIVES:

O₁ To study the relationship between Self-Confidence and Logical Thinking of Secondary school students

O₂ To study the relationship between Self-Confidence and Educational Anxiety of Secondary school students

HYPOTHESES

H₁ There is no significant relationship between Self- Confidence and Logical thinking of Secondary school students.

H₂ There is no significant relationship between Self-Confidence and Educational Anxiety of Secondary school students.

RESEARCH METHOD

The study was undertaken to ascertain the relationship of logical thinking and educational anxiety with Self-Confidence among secondary school students of 10th class. The investigator had employed descriptive survey method of research for the present study.

SAMPLE

The sample for the present study represents 600 students of the secondary school of Rohtak district with five blocks selected based on random sampling technique. Thereafter, ten secondary schools were selected randomly as each school was having approx 55- 60 students.

TOOLS USED

- **Self-Confidence:** Self-Confidence Inventory (SCI -G)Test by Gupta (2011).
- **Educational Anxiety:** Educational Anxiety Scale by Dahiya and Dahiya (2018) was used for data collection.
- **Logical Thinking:** This Logical Thinking Examine by Kumar and Tiwari (2012).

STATISTICAL TECHNIQUES

Pearson's coefficient of correlation was used to analyzing the data of present investigation.

ANAYSIS AND INTERPRETATIONS:

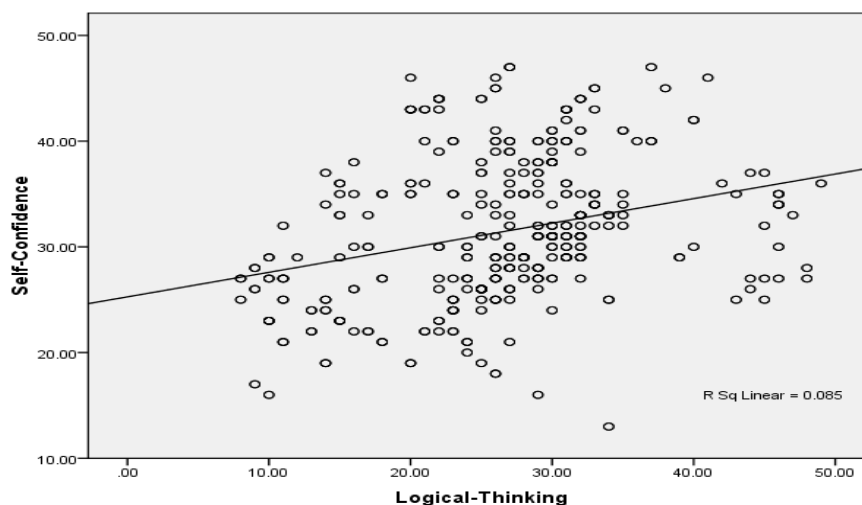
Relationship between self-confidence and logical thinking of secondary school students**Correlations**

		Self-Confidence	Logical-Thinking
SC	Pearson Correlation	1	.291**
	Sig. (2-tailed)		.000
	N	600	600
LT	Pearson Correlation	.291**	1
	Sig. (2-tailed)	.000	
	N	600	600

** Correlation is significant at the 0.01 level (2-tailed).

From the above table 1 it has been found out that the 'r'(291) value obtained for the variables i.e Self-confidence and logical thinking is significant at 0.01 level and positive. It can be safely interpreted that as Self-confidence increase the logical thinking also increases. Thus hypothesis stating 1 that, There is no significant relationship between Self- Confidence and Logical thinking of Secondary school students, stands REJECTED (shown in fig. 1)

Fig 1 Scatter Diagram showing Relationship between Self-Confidence and Logical Thinking



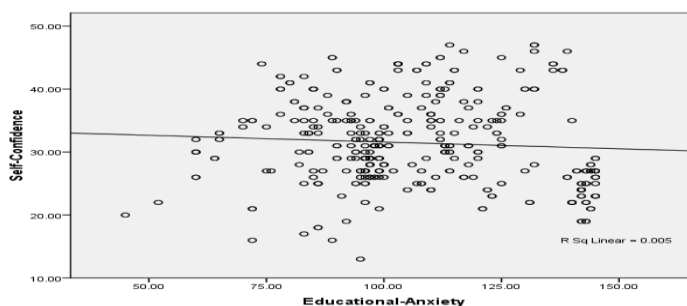
Relationship between self-confidence and educational anxiety of secondary school students

Correlations

		Self-Confidence	Educational-Anxiety
Self-Confidence	Pearson Correlation	1	-.067
	Sig. (2-tailed)		.099
	N	600	600
Educational-Anxiety	Pearson Correlation	-.067	1
	Sig. (2-tailed)	.099	
	N	600	600

From the above table2 it has been found out that the 'r'(-.067) value obtained for the variables i.e Self-confidence and Educational Anxiety is significant at 0.01 level and negative. It can be safely interpreted that as the Self-confidence increase but the Educational Anxiety decrease. Thus hypothesis (2) stating that, There is no significant relationship between Self-Confidence and Educational Anxiety of Secondary school students, stands REJECTED(shown in fig 2)

Fig 2 Scatter Diagram showing Relationship between Self-Confidence and Educational Anxiety



DISCUSSION OF THE RESULTS.

The present investigation was an effort to find out that whether there is any association between self-confidence and logical thinking. Result indicates a significant and positive relationship between Self-Confidence and Logical Thinking, The present finding also supported by **Mafakheri, Malkhalifeh M.R Shahvarani A., Behzadi M.H. 2013, Srimadevi and Saraladevi (2016), Malhotra & Malhotra(2016)** revealed a significant and positive relationship between Self-Confidence and Logical thinking, The researcher was not able to find a significant and negative relationship between educational anxiety and self-confidence .

Conclusion

- A positive and significant relationship between Self- Confidence and Logical thinking of Secondary school students. So it can be concluded that secondary school students have more logical thinking if they have a high level of self-confidence.
- A negative and significant relationship between Self-Confidence and Educational Anxiety of Secondary school students.

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