

COMPARATIVE STUDY OF EMOTIONAL INTELLIGENCE  
AND INTELLIGENCE QUOTIENT BETWEEN BOYS AND GIRLS  
OF SECONDARY SCHOOLS



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**ABSTRACT**

The main purpose of the study was to investigate Emotional Intelligence And intelligence quotient between Boys and Girls of Secondary Schools. The data obtained from the responses given by secondary school Boys and secondary school Girls on the Emotional Intelligence and intelligence quotient through standard questionnaire prepared by Dr. Sheetal Prasad and S. K pal and K. S Mishra was used. For the present study, the data was collected from Boys and Girls of secondary schools of Amravati city. Sixty (60) subjects were selected for the present study, 30 student's boys and 30 student's girls from each group have been selected. The subjects were selected by using purposive sampling method. The analysis and interpretation has carried out on the basis of data collection. The data has been analyzed and interpreted by "t" test. It was hypothesized that there would be a significant difference of both emotional intelligence and intelligence quotient between boys and girls.

**Keywords:** Emotional Intelligence, Intelligence quotient, boys, girls & secondary school.

**INTRODUCTION**

Intelligence is a general capacity of individual consciously to adjust his thinking to new requirement. It is the general mental adaptability to new problems and conditions of life. Intelligence must be understood as the mental capacity or mental energy available with an individual at a particular time in a particular situation. This mental capacity help him in the task of theoretical as well as practical manipulation of things, objects or events present in her environment in order to adapt to or face new challenges an problem of life as successful as possible.

Emotional Intelligence can be defined as "the ability to perceive emotions, to access and generate emotions so as to assist thought, to understand emotions and emotional knowledge, and to reflectively regulate emotions so as to promote emotional and intellectual growth. Emotional Intelligence is all about performance. Developing ones Emotional Intelligence (EI) will improve performance. Developing EI will take time, but will lead to sustainable behavior charges that will improve the ways to manage oneself and to work with others.

'Curiosity is the best Quality of a Good Researcher'

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IRJPSS Impact Factor (ISRA: JIF): 1. 247

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An intelligence quotient (IQ) is a score derived from one of several standardized tests designed to assess human intelligence. The abbreviation "IQ" was coined by the psychologist William Stern for the German term Intelligence quotient, his term for a scoring method for intelligence tests he advocated in a 1912 book. IQ scores are used for educational placement, assessment of intellectual disability, and evaluating job applicants. In research contexts they have been studied as predictors of job performance, and income. They are also used to study distributions of psychometric intelligence in populations and the correlations between it and other variables.

#### **DESIGN OF THE STUDY**

The main purpose of the study was to investigate Emotional Intelligence and Intelligence quotient between Boys and Girls of Secondary Schools. . It was hypothesized that there would be a significant difference of both emotional intelligence And Intelligence quotient between boys and girls.

#### **Source of Data:**

For the Present study the Subjects was selected from the higher secondary schools of Amravati city.

#### **Selection of Subjects:**

Sixty (60) subjects were selected for the present study, 30 student's boys and 30 student's girls from each group were selected.

#### **Sampling Method:**

The players were selected by using purposive sampling method.

#### **Equipment's used for collection of data:**

#### **Emotional Intelligence:**

The standard questionnaire of Emotional Intelligence (EI) scale is a cluster of traits or abilities relating to emotional side of life, compiled or developed by Dr. Sheetal Prasad was used for the collection of data it contain 40 items. The Emotional Intelligence (EI) scale is the set of 40 questions and each question has five responses viz. self confident, trustworthy, innovative, conscientious, and adjusted.

#### **Intelligence Quotient:**

The standard questionnaire of Intelligence Quotient (IQ) scale is a cluster of traits or abilities relating to intelligence side of life, compiled or developed by S. K pal and K. S Mishra was used for the collection of data it contain 40 items. The Emotional Intelligence (EI) scale is the set of 25 questions.

#### **STATISTICAL ANALYSIS**

The data obtained from the responses given by secondary school Boys and secondary school Girls on the Emotional Intelligence And Intelligence quotient questionnaire prepared by Dr. Sheetal Prasad and S. K pal and K. S Mishra which was marked according to the key and analyzing by using statistical technique t-test to compare Intelligence quotient And Emotional Intelligence Between Boys And Girls Of Secondary Schools.

#### **FINDINGS**

For the present study, the data was collected from Boys and Girls of secondary

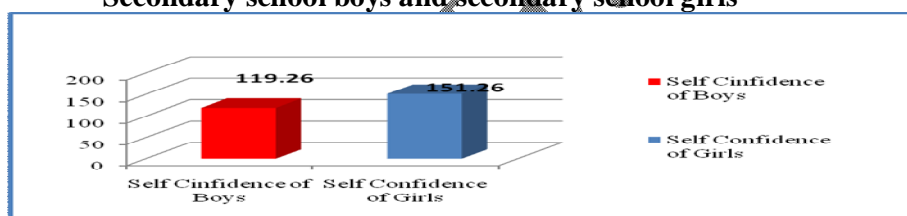
schools of Amravati city. The statistical result of the subjects was taken from boys and girls selected from secondary schools of Amravati. The data collected from the subjects has been statistically analyzed and has been shown in separate tables given below.

The analysis and interpretation of data pertaining to the score of emotional intelligence of boys and girls has been presented in this chapter. To find out comparative difference of emotional intelligence and IQ of Boys and Girls, t-test was applied and which is given below.

**Table No- I**  
**Showing Self Confidence between Boys and Girls of Secondary Schools**

Group	Mean	S.D.	M.D.	D.F.	S.E	O.T.	T.T.
Boys	119.26	63.12	32	58	19.43	1.64	2.00
Girls	151.26	85.74					

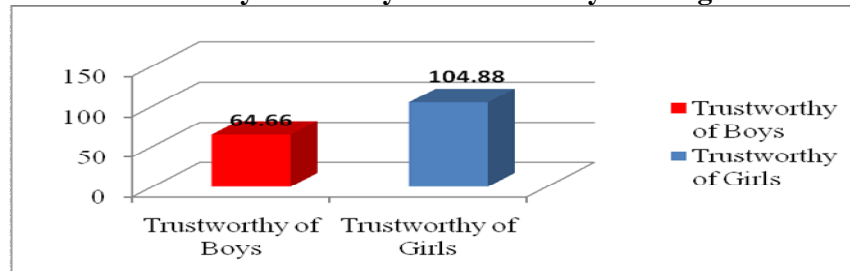
**Graph-1**  
**Graphical Representation of Mean Difference of Self Confident Between Secondary school boys and secondary school girls**



**Table No-II**  
**Showing Trustworthiness between Secondary School Boys and Secondary School Girls**

Group	Mean	S.D.	M.D.	D.F.	S.E	O.T.	T.T.
Secondary school boys	64.66	24.51	40.13	58	10.64	3.77	2.00
Secondary school girls	104.8	52.89					

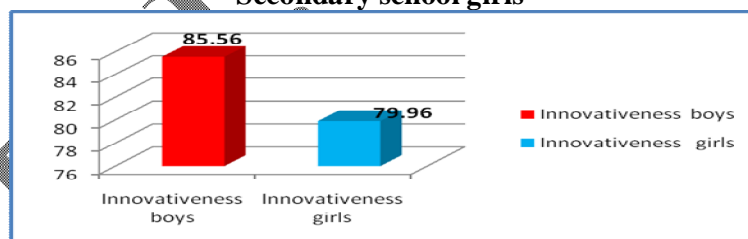
**Graph- II**  
**Graphical Representation of Mean Difference of Trustworthiness between Secondary school boys and secondary school girls**



**Table No-III**  
**Showing Innovativeness between Secondary School Boys and Secondary School Girls**

Group	Mean	S.D.	M.D.	D.F.	S.E	O.T.	T.T.
Secondary school boys	85.56	39.29	5.66	58	9.64	0.58	2.00
Secondary school girls	79.9	35.28					

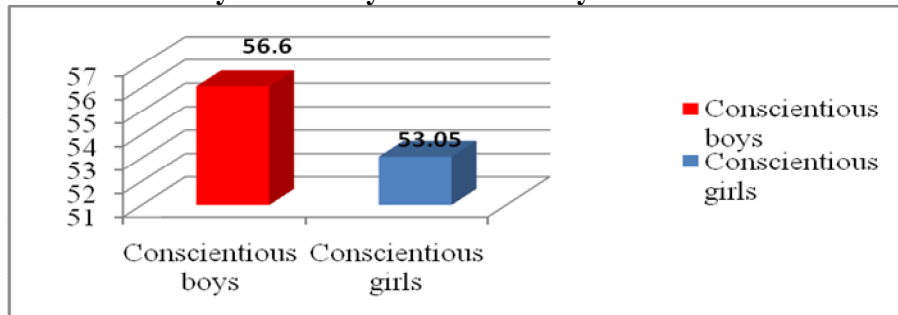
**Graph-III**  
**Graphical Representation of Mean Difference of Innovativeness between Secondary school boys and Secondary school girls**



**Table No-IV**  
**Showing Conscientiousness between Secondary School Boys and Secondary School Girls**

Group	Mean	S.D.	M.D.	D.F.	S.E	O.T.	T.T.
Secondary school boys	56.60	18.80	3.53	58	4.54	0.77	2.00
Secondary school girls	53.06	16.31					

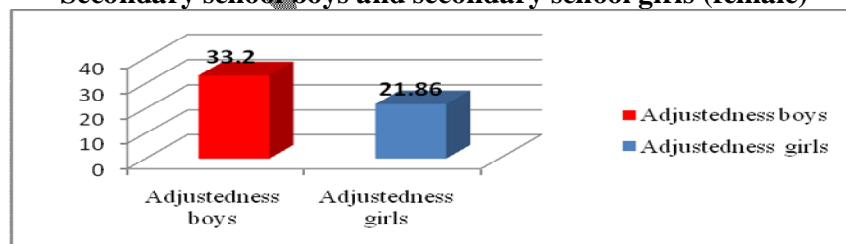
**Graph-IV**  
**Graphical Representation of Mean Difference of Conscientiousness between Secondary School Boys and Secondary School Girls**



**Table No-V**  
**Showing Adjusted between Secondary School Boys and Secondary School Girls**

Group	Mean	S.D.	M.D.	D.F.	S.E	O.T.	T.T.
Secondary school boys	33.2	2.26	11.33	58	1.12	10.04	2.00
Secondary school girls	21.86	5.75					

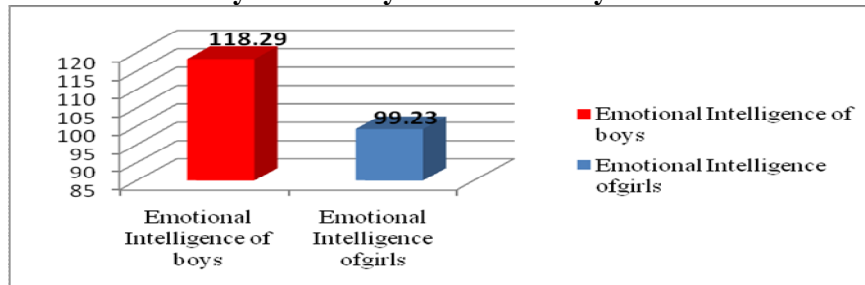
**Graph-V**  
**Graphical Representation of Mean Difference of Adjustedness between Secondary school boys and secondary school girls (female)**



**Table No-VI**  
**Showing Emotional Intelligence between Secondary School Boys and Secondary School Girls**

Group	Mean	S.D.	M.D.	S.E	D.F.	O.T.	T.T.
Secondary school boys	118.29	62.43	19.06	14.48	58	1.316	2.00
Secondary school girls	99.23	48.49					

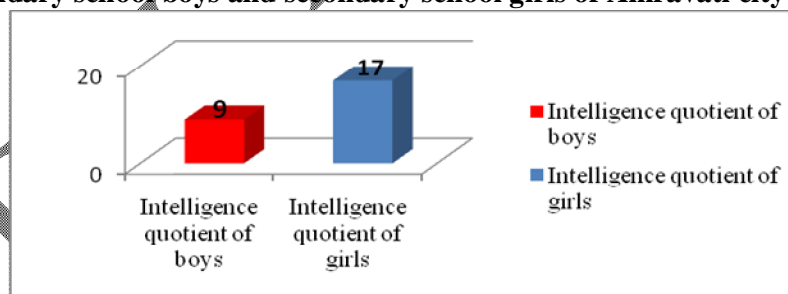
**Graph-VI**  
**Graphical Representation of Mean Difference of Emotional Intelligence of Secondary School Boys and Secondary School Girls**



**Table-VII**  
**Showing Intelligence quotient between Secondary School Boys and Secondary School Girls**

Group	Mean	S.D.	M.D.	D.F.	S.E.	O.T.	T.T.
Secondary school boys	9	14.84	8.9	58	3.12	2.844	2.00
Secondary school girls	17	8.5					

**Graph-VII**  
**Graphical Representation of Mean Difference of Intelligence Quotient of secondary school boys and secondary school girls of Amravati city**



**CONCLUSION**

With the limitations of the study and from the statistical analysis of the collected data it is concluded that there is found insignificant difference in Emotional Intelligence and found significant difference in IQ between Boys And Girls Of Secondary Schools. The girls are sharp minded and have more quotient than boys.

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