



P-ISSN: 2394-1685  
E-ISSN: 2394-1693  
Impact Factor (ISRA): 5.38  
IJPESH 2017; 4(6): 70-71  
© 2017 IJPESH  
www.kheljournal.com  
Received: 14-09-2017  
Accepted: 15-10-2017

**Daksh Sharma**  
Assistant Professor of Phy.Edu  
SGGS Khalsa College Mahilpur,  
Punjab, India

## Comparative analysis of personality traits of graduate and post graduate students of physical education

**Daksh Sharma**

### Abstract

The purpose of the study for comparative analysis of personality traits, 70 Students including male and female, comparing 35 graduates (B.P. Ed) and 35 post graduates (M.P. Ed), randomly selected for the study. The age of the students ranged between 20 to 27 years. The personality traits of graduate and post graduate students of physical education from S.G.G.S khalsa college Mahilpur.

The variables selected for the study were Neuroticism and Extroversion. The score on these variables were obtained by using Eysenck personality inventory prepared by H.J. Eysenck and Sybil B.G. Eysenck. The questionnaire was to compare the graduate and post graduate students of physical education. The mean, standard deviation and 't' test was applied at 0.05 level of significance.

In the study there was insignificant differences found on the trait of Neuroticism and in terms of Extroversion, graduate and post graduate students of physical education had insignificant differences.

**Keywords:** Personality, traits, neuroticism, extroversion

### Introduction

Physical education in present Era, accepted as an essential integral part of education in all over the world. And the sports psychology is that branch of psychology which deals with the behavior of sportsperson on the field or off the field. So there is a possibility that some set of personality factors exists which is selected to cause people select and participate for the need for achievement.

The purpose of the study was to compare the personality traits of graduate and post graduate students of physical education from S.G.G.S Khalsa College Mahilpur.

It was hypothesized that there might have been significant difference in personality traits between graduate and post graduate students of physical education from S.G.G.S Khalsa College Mahilpur.

### Procedure and Methodology

A total of seventy(70) students both male and female, comparing 35 graduate(B.P. Ed) and 35 post graduate (M.P. Ed) students of physical education were randomly selected for the study. Subjects were selected from S.G.G.S khalsa college Mahilpur, which is affiliated to Panjab University, Chandigarh through purposive sampling. The age of the students ranged between 20 to 27 years.

The variable selected for the purpose of this study was Neuroticism and Extroversion. The scores on Neuroticism and Extroversion were obtained by using Eysenck personality inventory prepared by H.J. Eysenck and Sybil B.G. Eysenck.

Prior to the collection of data, the subjects were clearly informed about the purpose and they were also motivated sufficiently. They were encouraged to give their proper and realistic answers.

To ascertain the Eysenck personality inventory factors Neuroticism and Extroversion of the subjects, norms table of the questionnaire was refer and to compare the graduate and post graduate students of physical education. The mean, standard deviation and 't' test was applied at 0.05 level of significance.

**Correspondence**  
**Daksh Sharma**  
Assistant Professor of Phy.Edu  
SGGS Khalsa College Mahilpur,  
Punjab, India

### Results and Discussions of the Findings

For comparing the two groups, both graduate and post graduate students of physical education on the personality traits i.e. Neuroticism and Extroversion. The mean, standard deviation and 't' test were computed. The findings are presented below. In table-1, the mean and standard deviation of both groups along with the significance of difference by way of 't' test has been presented on the traits of Neuroticism.

**Table 1:** Significance of Difference between Graduate and Post Graduate of Physical Education on Neuroticism

GROUP	MEAN	S.D	t test
Graduate students	12.55	4.08	0.41
Post graduate students	12.15	3.72	

t value (n-2=68) 2.00 at 0.05 level

The above table-1 indicates that the mean of graduate and post graduate students of physical education on the trait of Neuroticism was 12.55 and 12.15 respectively. The obtained 't' was 0.41, which was found to be in significant at 0.05 level of significance. This also indicated that graduate students has higher mean on the trait of Neuroticism than post graduate students of physical education.

On the trait of Extroversion, the mean and standard deviation of graduate and post graduate students of physical education along with the significance by way of 't' test has been presented in table-2.

**Table 2:** Significance of Difference between Graduate and Post Graduate Students of Physical Education on Extroversion

GROUP	MEAN	S.D	't'
Graduate students	10.9	2.90	0.65
Post graduates	10.5	2.61	

t value (n-2=68) 2.00 at 0.05 level

The above table-2 indicated that the mean of graduate and post graduate students of physical education on the trait of Extroversion was 10.9 and 10.5 respectively. The obtained 't' test was 0.65, which was found to be insignificant at 0.05 level of significance. This also indicates that post graduate students had lower mean on the trait of Extroversion than graduate students of physical education.

On the basis of these data analysis, there was insignificant difference found between graduate and post graduate students of physical education in terms of Neuroticism. It indicated that graduate students are more neurotics than post graduate students of physical education in their behavior pattern. As the post graduate students had lesser mean which also indicated that they are more stable than graduate students of physical education in term of Neuroticism.

The data analysis in terms of Extroversion significant difference between graduate and post graduate students of physical education does not exist. So based on these findings, the behavior pattern of an individual in terms of social ability indicates that graduate and post graduate students do not differ with each other significantly.

The reason for insignificant difference between graduate and post graduate students in terms of Extroversion may be due to the nature of profession. Both the groups travel to many places, meet peoples of different culture and background. It forces them to interact with people of different nature in the society. Hence both the groups have experience same type of experiences in their life in the society.

### Discussion of Hypothesis

It was hypothesized that they will be significant difference in personality traits between graduate and post graduate students of physical education. The hypothesis was rejected on the personality traits between graduate and post graduate students of physical education.

### Conclusion

On the basis of analysis of data the following conclusion may be drawn-

- Graduate and post graduate students of physical education indicated insignificant difference on trait of Neuroticism.
- The study also indicated that the graduate students of physical education had higher mean in terms of Neuroticism than post graduate students of physical education.
- Graduate and post graduate students of physical education indicated insignificant difference on the trait of Extroversion.
- The study also indicated that graduate students of physical education had higher mean in terms of extroversion than post graduate students of physical education.

### References

1. Alport GWA. Psychological Interpretation (New York: Hold and company, 1986.
2. Kamlesh ML, Psychology of physical education and sports New Delhi Metropolitan Book co. pvt. ltd. 1973.
3. GALL. Extroversion Encyclopedia of Childhood. Adolescence Gale Research, 1998.