

## ROLE OF INTELLIGENCE IN ACADEMIC SUCCESS AND ADJUSTMENT OF GRADUATE LEVEL STUDENTS

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### ABSTRACT

*Intelligence is the ability to think in terms of abstract ideas. Intelligence is a theme of debate. Different psychologists define intelligence in different ways, but use three categories: (i) Concrete intelligence, (ii) Abstract intelligence, (iii) social intelligence. The present study was to investigate the impact of intelligence on adjustment and achievement of graduate level students. Five hundred graduate level students, both male as well as female, studying in various degree college in Aligarh city, formed the sample for the present study. The tools used for collecting the data were Intelligence Inventory developed and standardized by Mangal&Mangal and Bell's Adjustment Inventory developed and standardized by Ojha. For achievement the percentage obtained by the student in graduate level has been used.*

### INTRODUCTION

Intelligence is the capacity to learn or to profit by experience. Intelligence is a general mental ability which operates in many different ways, is more fully manifested in the higher mental processes than in the lower; it is specially active in dealing with a situation which presents points of novelty (in other words with the solution of problems). It is more concerned with the dissecting, planning and rearranging of the data of experience than with mere reception of impression.

### INTELLIGENCE

The concept of intelligence is an umbrella term captures abroad collection of individual skills and disposition usually referred to as soft skills or inter-personal skills, that are outside the traditional areas of specific knowledge, general intelligence and technical or professional skills.

### ADJUSTMENT

Adjustment has been operationally defined as: "The process of finding and adopting modes of behaviour suitable to the environment or to the changes to the environment".

### OBJECTIVES

The following are the objectives of the present study :-

(i) To find out the relationship between

intelligence and academic achievement of graduate level students.

- (ii) To find out the relationship between intelligence and adjustment of the graduate level students.
- (iii) To find out the relationship between academic achievement and adjustment of the graduate level students.
- (iv) To study the effect of the intelligence, sex, type of colleges and their interaction on achievement.
- (v) To study the effect of intelligence sex, type of college and their interaction on adjustment.

### HYPOTHESES

For each objective corresponding null hypothesis was formulated :

- (i) There will be no significant relationship between intelligence and achievement of graduate level students.
- (ii) There will be no significant relationship between intelligence and achievement of graduate level students.
- (iii) There will be no significant relationship between academic achievement and adjustment of graduate level students.
- (iv) There will be no significant relationship between intelligence sex, types of college and their interaction on achievement.
- (v) There will be no significant relationship between intelligence sex, types of college and their interaction on adjustment.

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**DELIMITATIONS OF THE STUDY**

- (i) The study is limited to Aligarh city only.
- (ii) The study is limited to graduate level Art and Science students.
- (iii) The study is limited to graduate level students.

**SAMPLE**

The distribution of the sample has been presented in table :

**Table 1  
Sex-wise Distribution of Sample**

	<b>Art students</b>	<b>Science students</b>	<b>Total</b>
<b>Boys</b>	125	125	250
<b>Girls</b>	125	125	250
<b>Total</b>	250	250	500

**TOOLS**

- 1. Intelligence test by SK Mangal and Shubra Mangal
- 2. Adjustment Inventory by Dr. R.K. Ojha.

**STATISTICAL TECHNIQUE USED**

Pearson's Product Moment Correlation Technique was employed to analyze the data collected to study the correlation between adjustment and intelligence of boys and girls separately.

**Table 2  
Pearson's Product Moment Correlation for Intelligence and Adjustment**

<b>Between</b>	<b>N</b>	<b>r</b>	<b>Result</b>
<b>Boys students</b>			
Intelligence and adjustment	250	0.355	Significant at the 0.01 level
<b>Girls students</b>			
Intelligence and adjustment	250	0.395	Significant at the 0.01 level

**FINDINGS**

The findings obtained from the present investigation were :

- (i) A significant correlation between intelligence and adjustment of both boys as well as girls graduate level students was obtained.
- (ii) No significant relation was found between intelligence and adjustment for both, boys as well as girls graduate level students.
- (iii) Overall Intelligence was not found to have a significant impact on adjustment of graduate level students.
- (iv) Intelligence and adjustment were also not found to be significantly correlated.
- (v) Sex was found to be produce differential effect on overall adjustment of the students. Whereas types of college was not found to produce differential effect on overall adjustment of the graduate level students.

**REFERENCES**

Anandmani (2006).A study of general intelligence and intelligence in relation to achievement among graduate level student.

Dua (1993).A study of Adjustment, Family Role Expectations and Modernization of Working and Non-Working Women.Ph.D. (Home Science).

Deb (2006).Impact of participation in NSS and NCC on the development of emotional Intelligence.Journal of Educational Studies, Vol. 4, No.(1-2), pp. 2933,Allahabad.

Rawat, D.S., Measurement evaluation and statistics in education, 1970, p. 251.