A Study of 'Adjustment' With Respect to 'Health' Among Students of P.T.C. Colleges of Anand District

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ABSTRACT

Present report represents a study of 'Adjustment' with respect to 'Health' among students of P.T.C. arts colleges of Anand district. Here we have chosen Government colleges, Self-financed colleges. 'Adjustment' measurement was carried out by using 'Adjustment Inventry for College Students (AICS)' scale developed by Prof. A.K.P. Sinha and Prof. R. P. Singh. We have studied 'Adjustment' by taking three independent variables using F-Anova test with 2x2x2 factorial design.

Introduction:

Measures of adjustment in terms of behavior include constructs or domains related to internalizing and externalizing behaviors, anxiety, avoidance and negative attitudes in class, accepting and conforming to the demands of classroom routine and organization, restlessness, fidgeting and poor concentration. Teachers and parents comment that children are hyperactive or aggressive or withdrawn but have difficulty defining the particular behaviors that contribute to these broad constructs.

Objectives:

1. To study the 'Adjustment' with respect to 'Health' among students of Government colleges, Self-financed colleges
2. To study the internal effect of types of residence (duration) on 'Adjustment' with respect to 'Health'.
3. To study the 'Adjustment' with respect to 'Health' among male and female Employees

Research Methodology:

(Prof. A.K.P. Sinha and Prof. R. P. Singh)

Independent Variables

A = Types of College	A_1 = Government College
	A_2 = Self-financed college
B = Type of residence	B1 = In Hostel
	B2 = In Home
C = Gender	C_1 = Male
	C_2 = Female

Dependent Variables

Degree of 'Adjustment' with respect to 'Health'

Hypothesis:

Ho1 : There is no significance difference between 'Adjustment' of male and female

Ho2 : There is no significance difference between 'Adjustment' of different group of students residing in different residence (Hostel/home).

Ho3 :. There is no significance difference between 'Adjustment' of among the students of Government colleges, Self-financed colleges

Tools:

1. Personal information sheet
2. 'Adjustment Inventry for College Students (AICS)' scale developed by Prof. A.K.P. Sinha and Prof. R. P. Sing
3. Statistical analysis of data by F-Anova test using 2x2x2 factorial design

Sample:

The present study has been aimed to the effect of government and non- government Employees works values with respect to 'Health'. The Total sample 400, were taken for this research out of 400 as a sample of 200 government college students, 100 Employees are staying in hostel and 100 are staying in home. There are 50 Employees are male and 50 are female. Researcher has been same sample were selected for self-financed colleges.

Statistical analysis:

(Parekh and Dixit, 1995)

Table -1 Summary of the 2x2x2 analysis of variance based 'Adjustment' on with respect to three independent variables

Sources of Variance	Sum of Square	DF	Mean sum of Square	F	Level of Significant
Gender (A)	308.003	1	308.003	44.873	Significant
Residence (B)	172.923	1	172.923	25.193	Significant
College type (C)	308.002	1	308.002	44.873	Significant
AXB	0.423	1	0.423	0.062	N.S.
AXC	71.402	1	71.402	10.403	Significant
BXC	68.063	1	68.063	9.9016	Significant
AXBXC	0.123	1	0.123	0.18	N.S.
Total	15381.000	400	-	-	-
Corrected total	3619.598	399	-	-	-

Results and Discussion:

Ho1: There is no significance difference between 'Adjustment' of male and female

The 'F – Value' for first set of independent variable was found 44.873 as shown in table-1. This result has significance value.

So above said hypothesis Ho_1 can't be accepted because result has significant difference. Thus statistical data of table-1 clearly shown significant difference in between Adjustment of male and female.

Ho_2 : There is no significance difference between 'Adjustment' of different group of students residing in different residence (Hostel/home).
The 'F – Value' for first set of independent variable was found 25.193 as shown in table-1. This result has significance value. So above said hypothesis Ho_1 cannot be accepted because result has no significant difference. Thus statistical data of table-1 clearly shown significant difference in between Adjustment of different group of students residing in different residence (Hostel/home).

Ho_3 : There is no significance difference between 'Adjustment' of among the students of Government colleges, Self-financed colleges
The 'F – Value' for first set of independent variable was found 44.873 as shown in table-1. This result has significance value. So above said hypothesis Ho_1 cannot be accepted because result has significant difference. Thus statistical data of table-1 clearly shown that there is significant difference in between 'Adjustment' of among the students of Government colleges, Self-financed colleges.

Conclusion:
Finally we can conclude this study in following three conclusions:

- There is significant difference in between Adjustment of male and female.
- There is significant difference in between Adjustment of different group of students residing in different residence (Hostel/home).
- There is significant difference in between Adjustment of among the students of Government colleges, Self-financed colleges.

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