

A STUDY ON THE RELATIONSHIP BETWEEN ACCEPTANCE LEVEL AND DISCIPLINARY APPROACH AMONG PRIVATE SCHOOL FOR SCHOOL UNIFORM IMPLEMENTATION POLICY

SHRUTI GUPTA¹, DOLLY MOGRA² & SIMPLE JAIN³

¹Research Scholar, Faculty of Fashion Technology,

Pacific Academy of Higher Education and Research University, Udaipur, Rajasthan, India

²Assistant Professor, Department of Readymade Garments, UCSSH, MLSU, Udaipur, Rajasthan, India

³Assistant Professor, Department of Home Science Extension and Communication Management,
ASPEE College of Home Science & Nutrition, SDAU, Sardarkrushinagar, Banasakantha, Gujarat, India

ABSTRACT

Schools are microcosm of a colorful and diverse society. This article examines the school uniform implementation policy using two dimensions, i.e. acceptance level and disciplinary approach. Equal number of students, parents and teachers of ten private schools were selected to know about the administration of school uniform implementation policy, this was assessed by judging acceptance level and disciplinary approach. Data was collected by self-structured questionnaire including six parameters, i.e. uniform items, add-on items, hygiene, cultural, religious reflections, fashion and jewellery, co-curricular activity uniform items. The correlation coefficient was calculated to assess the acceptance level and disciplinary approach. These correlations have been found in the range of +0.90 to +0.99 between Acceptance level and Disciplinary Approach. The overall correlation coefficient is 0.99, thus depicting that both the parameters, i.e. acceptance level and disciplinary approach are moving in the same direction.

KEYWORDS: School Uniform, Implementation Policy, Students, Acceptance Level and Disciplinary Approach

INTRODUCTION

School uniform is a specific design for clothing, designed to be worn, while attending academic classes at a school. Children needed a dress code and an easy one to follow, it was also to keep the code of conduct under control, and so, no one would wear inappropriate clothing. Being neat and well dressed in proper school uniform is one of the school rules; a student is expected to adhere to. Parents are relieved of having to worry what their children could wear. There is also character building in the wearing of uniforms as the students will always be reminded about what behaviour is expected. In India, all schools have uniforms for their students; private schools have additional uniform items to increase functionality, performance and comfort for co-scholastic activities. Schools have different policies regarding adherence to school uniform and manage discipline. Parents, teachers and students have different views about school uniform implementation policy. In India, research work on school uniform is so less and no research scientist has given due importance to such an important issue related to the development of future generation. Therefore, present research paper “school uniform implementation policies” (SUIP) were explored using two dimensions, i.e. acceptance level and disciplinary approach, which were mentioned in the school uniform policy by the school administration. The acceptance level refers to the attitudes of school administration, and it is often viewed as an active part of the Disciplinary Approach.

OBJECTIVES

- To study the correlation between Acceptance level and Disciplinary approach in the School Uniform Implementation policy for junior, middle and senior level students.
- To find out the regression equations for the variable Acceptance level on the Disciplinary Approach.

METHODOLOGY

Locale and Sample

The study was conducted in ten private schools of Bilaspur, Chattishgaarh. A total 180 respondents which included sixty students, sixty parents and sixty teachers with equal number of senior, middle and junior level students were drawn from the selected private Schools of Bilaspur, Chattishgaarh state through Random Sampling Technique.

Tool

A self - structured questionnaire was used for data collection. The questionnaire was developed at three point scale, for Acceptance Level “allowed, occasionally allowed and not allowed” and for Disciplinary Approach “strict, sympathetic and unconcerned” criteria were included for exploring implementation policy. Where strict signifies that schools do not allow deviation from the accepted level, sympathetic signifies that little deviation is permissible in special cases and unconcerned portrays the low interest of the administration towards the implementation policy for a particular parameter. In acceptance level “allowed” represents the acceptance of undesired uniform items, “occasionally allowed” illustrates that a following parameter is acceptable in special cases and “not allowed” stands for the unacceptability of undesired uniform items. The questionnaire has six parameters, i.e. uniform items, add-on items, hygiene, cultural religious reflections, fashion and jewellery for both scholastic and co-scholastic activities.

Statistical Analysis

The correlation coefficient and Linear Regression equation were used to analyze the data.

RESULTS

The results of the study indicate that the disciplinary approach is an important factor in determining the Acceptance level. In the present investigation, efforts have been made to find out the correlation coefficient and regression equations for the variable ‘Acceptance level’ on the ‘Disciplinary Approach’ to assess the school uniform implementation policies.

Correlation between Acceptance Level and Disciplinary Approach for School Uniform Implementation Policy

Correlation measures the strength of relationships (positive or negative, perfect) between the variables. The correlation between Acceptance level and Disciplinary Approach of School Uniform Implementation policy have been traced out for Senior, Middle and Junior school boys and girls. These correlations have been found in the range of +0.90 to +0.99 between two variables, i.e. Acceptance level and Disciplinary Approach. Both the variables are positively correlated, thus if the acceptance level increases, disciplinary approach gets strict and vice versa. The overall correlation coefficient is 0.99, thus depicting that both the parameters, i.e. acceptance level and disciplinary approach are moving in the same direction. The responses are closer to each other for both the variables. Data reveals that in the three educational levels senior boys and senior girls, coefficients are almost equal.

At middle level, correlation coefficient is fractionally different. It is apparent from the Table 1 that at junior level it somewhat differs and range between.90 to.97 for boys and girls.

Table 1: Correlation Coefficient between Acceptance Level and Disciplinary Approach for the School Uniform n= 180

Variable/ Factors	Overall	Senior Level Boys	Senior Level Girls	Middle Level Boys	Middle Level Girls	Junior Level Boys	Junior Level Girls
Correlation Coefficient	0.9948	0.9842	0.9802	0.9752	0.9865	0.9086	0.9795

Regression Analysis of ‘Acceptance Level’ on the ‘Disciplinary Approach’ for School Uniform

The regression equations were calculated for the variable ‘Acceptance level’ on the ‘Disciplinary Approach’. This regression equation has been calculated by using formula i.e.

$$Y = r \sigma_y / \sigma_x (X - M_x) + M_y$$

Where

Y = estimate value of Acceptance Level

$r \sigma_y / \sigma_x$ = regression coefficient

M_x = Mean of X

M_y = Mean of Y

X = Known value of Disciplinary approach

Based on obtaining score, the regression equation for Acceptance Level from Disciplinary approach has been formulated, which is depicted as follows.

$$Y = 15.9435 + 0.972 * X$$

In this regression equation, ‘Y’ denotes Acceptance Level and ‘X’ is Disciplinary approaching. The range of allowable fluctuation in the prediction of Acceptance Level is given by the Standard Error of Estimation Y i.e. σ_{esty} . In other words, σ_{esty} gives the range in which actual value of Acceptance Level lies.

The linear regression analysis represents a logical extension of the two variables. By using the regression equation for predicting the Dependent Variable, it is necessary to calculate the Standard Error of Estimating y (σ_{esty}), as it provides an accurate measure of the range in which forecasted variability lies. If the value of the standard error of estimate is small, it shows that the estimate provided by the regression equation is better and closer. If standard error of estimate is zero, it shows that there is no variation about the line and the correlation will be perfect. “The standard error of estimate uses to ascertain how good and representative the regression line is, as a description of the average relationship between two series”.

The size of σ_{esty} depends upon the SD of the Dependent Variable (variables that are predicted) and upon the extent of correlation between Dependent Variable and Independent Variable.

For better prediction of Acceptance Level, it is necessary to use this equation only for the population from which the sample group was drawn.

Thus, it can be concluded that acceptance level and disciplinary approach are highly correlated with each other and the present finding is also in line. At this Regression table, disciplinary approach has been taken as independent variable. On the basis of this relationship, linear Regression equation for disciplinary approach from acceptance level have been found, which is depicted in Table no.2.

Table 2: Regression Analysis for Acceptance Level and Disciplinary Approach for the School Uniform Implementation Policy n=180

S. No.	Dimensions	Disciplinary Approach (X)	(PRACTICAL) Acceptance Level (Y)	THEORETICAL Acceptance Level (Y)	ERROR (+ -)
1	Uniform Item	790.00	782.67	783.823	1.153
2	Add-ons	1028.00	1008.67	1015.159	6.489
3	Hygiene	860.67	912.67	852.51424	60.15576
4	Cultural, Religious reflections	1162.00	1218.67	1145.407	73.263
5	Fashion and Jewellery	732.67	727.33	728.09824	0.76824
6	Co curricular Activity Uniform	1386.00	1382.67	1363.135	19.535

The Table 2 represents the practical and theoretical values of the acceptance level (Y) for different dimensions (uniform items, add ons, hygiene, fashion and jewellery, cultural and religious reflections and co-curricular activity uniform) of implementation policy. The results obtained from the regression equation are precise and accurate.

To illustrate the accuracy of these regression equations, suppose that the disciplinary level of one of the parameter is 790 then substituting this value in place of X in the equation

$Y = 15.9435 + 0.972 * X$, the value of Y i.e. acceptance level is calculated as 783.8235. The practical value for the same is 782.67. Thus the error obtained by from the difference of practical and theoretical value is +-1.1535 which is within the range of standard error.

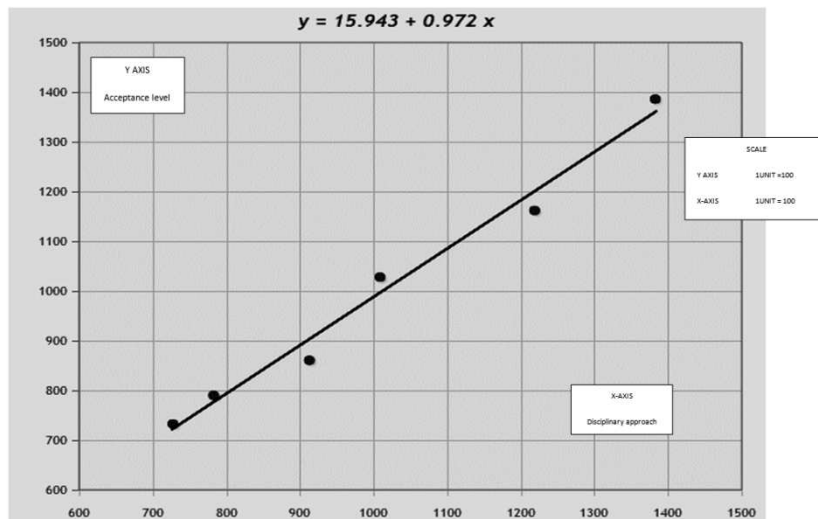


Figure 1: Linear Regression between Acceptance Level and Disciplinary Approach

Slope (B) = 0.972

Y Mean= 1005.44666

X Mean=993. 2233

Intercept (A) = 15.9435

Regression Equation $Y = 15.9435 + 0.972x$

Linear Regression is an approach to modeling the straight-line relationship between variables by using a linear equation for observed data.

A linear regression line has a formula of the form $Y = A + BX$, where X is the explanatory variable and Y is the dependent variable. The slope of the line is B, and A is the intercept (the value of Y when X = 0). Thus, it can be inferred from the formula obtained that the slope of the line is 0.0972. The line cuts the Y axis at the point (0,15.943) thus the intercept is 15.943. The corresponding acceptance level v/s disciplinary approach graph is plotted using the mean values of uniform items, add ons, hygiene, fashion and jewellery, cultural and religious reflections and co-curricular activity uniform.

Thus, it can be concluded from the above analysis:

- That's a linear regression equation ($Y = 15.9435 + 0.972 * X$) was obtained to provide estimates of the values of the dependent variable (acceptance level) from an independent variable (disciplinary approach).
- The error between the practical and theoretical values of the dependent variable (disciplinary approach) are calculated and studied.
- A graph was plotted between the dependent variables (acceptance level) and the independent variable (disciplinary approach). Slope, intercept and the accuracy was checked and studied.

CONCLUSIONS

The overall correlation coefficient (0.99) depicting that both the parameters, i.e. acceptance level and disciplinary approach are moving in the same direction means, as acceptance level increases, disciplinary approach gets strict and vice versa. It can be concluded that acceptance level and disciplinary approach are highly correlated with each other, and on the basis of this relationship, linear Regression equation ($Y = 15.9435 + 0.972 * X$) for disciplinary approach from acceptance level have been found.

REFERENCES

1. <https://bigbuddysociety.net/essays/should-public-schools-require-student-uniform/>
2. http://www.answers.com/Q/Why_were_school_uniforms_invented
3. https://en.wikipedia.org/wiki/School_uniform

