

**Title** THE FACTORS OF PARENT AND FAMILY INVOLVEMENT AFFECTING STUDENT ACADEMIC PERFORMANCE IN URBAN PRIMARY SCHOOLS OF BHUTAN

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### ABSTRACT

The parent and family involvement in school have been seen as one of the very important factor in the educational success of children. Voluminous of research indicated that there were a positive relationship between parent and family involvement in school and student academic performance in the school. The purpose of this study was threefold: first, to identify the factors of parent and family involvement and student academic performance in urban primary schools of Bhutan; second, to study the multiple relationship between six factors of parent and family involvement in school and student academic performance in urban primary schools of Bhutan; and third, to construct the best predictive equation to predict student academic performance by using six factors of parent and family involvement in school.

408 urban student's parents were selected as sample through multistage random sampling method. For the student academic performance, the student's academic achievements recorded in average percentage were collected from respective schools. The two variables of interest were brought up for studies; predictive variable (parent and family Involvement) and criterion variable (Student academic performance). To achieve the three purposes, the following statistics were employed for data analysis : means, standard deviations, the Pearson r analysis, multi-collinearity statistics, enter-method multiple regression analysis and stepwise regression analysis. Data analysis yielded the results: 1) Six factors of family involvement were identified

from Epstein's model ,namely, parenting, communication, volunteering, learning at home, decision making and collaboration with community. 2) There was multiple relationships between all the six factors of parent/family involvement in school and student academic performance. The analysis produced multiple correlation coefficient (R) =.270 and multiple coefficient of determination (R<sup>2</sup>)=.073, which means 7% of the variation in the student academic performance was accounted for by all the six factors. However, only three factors in the predictive regression equation were found significant (p≤.05): communication (b=3.01), volunteering (b=-2.36) and learning at home (b=3.91). 3) The best predictive regression equation was constructed, containing two best predictive factors; learning at home (X<sub>4</sub>) and communication (X<sub>2</sub>). The best predictive equation in unstandardized score and standardized score can be written as:  $Y' = 51.332 + 3.49(X_4) + 2.42(X_2)$ , and  $Z' = 0.16 (Z_4) + 0.13(Z_2)$ , respectively, with multiple coefficient of determination (R<sup>2</sup>)= .06.