

**THE EFFECT OF PARENTAL OCCUPATION ON  
THEIR CHILDREN'S ACHIEVEMENT IN  
MATHEMATICS**

**A  
THESIS**

**BY  
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**CERTIFICATE**

This is to certify that Mr. Bhawani Shankar Upadhyaya, a student of an academic year 2065, with T.U. Examination Roll No. 2140257 and T.U. Registration No. 9-2-214-291-2003 has completed this thesis under my guidance for the period prescribed by the rules and regulations of Tribhuwan University, Kathmandu, Nepal. The thesis entitled "A STUDY ON THE PARENTAL OCCUPATION ON THEIR CHILDREN'S ACHIEVEMENT IN MATHEMATICS" embodies the results of his investigation conducted on 2067/68 under the Department of Mathematics Education, Sukuna Multiple Campus, Indrapur, Morang. I recommend and forward that this thesis be submitted for the evaluation and award the Degree of Master of Education.

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A Study on *The Effect of Parental Occupation on their Children's Achievement in Mathematics*' has been approved in partial fulfillment for the requirements for the Degree of Master of Education.

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## **ABSTRACT**

This study has made to attempt to find out the effect of parental occupation on their children's achievement in mathematics.

For this study, two public schools were selected in convenience to the researcher. The students of grade IX were taken for the study. The study was based on descriptive as well as quantitative research design. The total number of students (108+48) were divided into four groups according to their parent's occupation e.g. jobholder, businessmen, farmer and others with the help of record provided by the school administration and the information provided by the teachers. From the total students, 15 students in each group were selected by using proportional stratified random sampling. The scores of students were analyzed by using arithmetic mean, standard deviation, t-test and ANOVA at 0.05 level of significant. The facilities provided by the parents at home to their children were collected with the help of questionnaires given to students and parents which were compared with the achievement score of the children.

Based on the analysis and interpretation of the data, it was found that the mean achievement score of children of jobholder was higher than businessmen, farmer and others. The achievement of the children of businessmen was better than farmers and others group. However, children of other occupational group have least achievement among them. The test showed the achievement of students differs according to their parent's occupation. The result also showed that the facilities provided to their children are related to their parent's occupation. The result also showed that the facilities and the time provide by the parents for their children's study are positively related to the students achievement.

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## ABBREVIATION

ANOVA	-	Analysis of variation
UNESCO	-	United Nation Education Science and Culture Organization
VDC	-	Village Development Committee
CERID	-	Research Centre for Educational Innovation and Development
SSC	-	Column Sum of Squares
SST	-	Total Sum of Squares
SSE	-	Error Sum of Squares
TUI	-	Tuition provided to the students at home
SR	-	Separate Room to study
TIP	-	Time provided by Parents to their children in study
TIC	-	Time allocated by the Children at home for their study
SEC	-	Socio-Economic Condition
PISA	-	Programme for International Student Assessment
UNICEF	-	United Nations International Children's Emergency Fund
EEA	-	Evaluation of Educational Achievement
BPEN	-	Basic Primary Education Innovation and Development
MOE	-	Ministry of Education