

**IMPACT OF PARENTS' OCCUPATION ON MATHEMATICAL  
ACHIEVEMENT OF THEIR S.L.C. PASS STUDENTS**

**A THESIS**

**BY**

**GHANSHYAM BASTOLA**

**T.U. REGD. NO.: 33280-95**

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## LETTER OF RECOMMENDATION

This thesis entitled "**Impact of Parents' Occupation on Mathematical Achievement of their S.L.C Pass Students**" is carried out by **Ghanshyam Bastola** in partial fulfillment of requirements for the Master's Degree in Mathematics Education under my supervision. To the best of my knowledge, this study is original and his independent work. I recommend and forward it for final evaluation to the thesis committee.

Mr. Dandapani Gautam  
Supervisor  
Department of Mathematics Education  
Sukuna Multiple Mampus  
Indrapur, Morang

Mr. Prem Bahadur Tamang  
Head  
Department of Mathematics Education  
Sukuna Multiple Mampus  
Indrapur, Morang

Date: 10<sup>th</sup> Feb 2015

## **DECLARATION**

I hereby declare, to the best of my knowledge, that this thesis is original; no part of it was submitted for the candidature of research degree to any writing.

**Date: 2071 -8 - 23**

**Ghanshyam Bastola**

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Because of many constraints like: time, cost and availability of all students and their parents, this research may have many loose ends. For this reason, the work I did is far from complete. Finally I would like to thank my family for the support they provided me through my entire life, and in particular, I must acknowledge my wife, Anju Bastola, without whose love, encouragement and editing assistance, I would not have finished this thesis.

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## ABSTRACT

The prime concern of this study is to determine the impact of parents' occupation on mathematical achievement of S.L.C. Pass Students. The efforts of the subject teacher, the school climate and the school management is insufficient to achieve higher level of performance; there can be many factors like Parents' occupation, environment at home and society, policy of the nation, awareness of education and job prospects of educated students, etc. affect the achievement. Here the researcher has chosen 'Parents' occupation' as one of the major factors of the students' achievement in mathematics as a subject and tried to answer the following questions:

1. Does the Mathematical achievement of S.L.C. students differ by their parents' occupation?
2. Does the Mathematical achievement of S.L.C. students in Private and Community school differ by their parents' occupation?

The population of the study consisted of 103 S.L.C. 2069 pass-out students from both private and community schools, in which 66 from a private school and 37 from community school. The researcher has categorized the sample parents according to their occupation into four groups as Job-holders, Businessmen, Foreign workers and Low-income respectively. This research is based on case study design. Three sets of questionnaire based on the research topics was prepared and an interview was taken with available parents and students. The necessary secondary data were taken from the school records. After coding, decoding and triangulating, the available data were tabulated and analyzed with the help of statistical tools - ANOVA and t-test at 5% level of confidence.

After the detailed analysis and interpretation of data, the following results were found. Achievement of mathematics students varied by their parents' occupation. Students whose parents were in business, job-holding, foreign employment and in low paying jobs achieved mathematical skill and knowledge in the descending order. Students from privately owned schools scored higher in mathematics than from government-funded community schools. The difference in achievement is less significant among students from business, job holder or foreign employment background. Students who enjoyed more sharing and caring and who were provided with more material support achieved higher, irrespective of their occupational background. This research would be fruitful to government, policy makers, stake-holders, parents, school management and subject teacher to increase academic quality and mathematics performance.

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