EFFECT OF SOCIO-ECONOMIC STATUS ON MATHEMATICS ACHIEVEMENT OF SECONDARY LEVEL STUDENTS

A

THESIS

BY

DHANLAL DHITAL

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EFFECT OF SOCIO-ECONOMIC STATUS ON MATHEMATICS ACHIEVEMENT OF SECONDARY LEVEL STUDENTS – DHANLAL DHITAL 1244

Recommendation for Acceptance

This is to certify that Mr. Dhan Lal Dhital has completed his M. Ed. thesis entitled **"Effect of Socio-economic Status on Mathematics Achievement of Secondary Level Student"** under my supervision during the period prescribed the rules and regulations of Tribhuvan University, Kirtipur, Kathmandu, Nepal. I recommend and forward his thesis to the Department of Mathematics Education to organize final viva-voce.

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Date: ……..

Letter of Approval

This thesis entitled **"Effect of Socio-economic Status on Mathematic Achievement of Secondary Level Student"** submitted by Mr. Dhan Lal Dhital in partial fulfillment of the requirements for the Master's Degree in Education has been approved.

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Mr. Lok Nath Bhatarai (Member)	……...……

Date: April 29, 2019

Declaration

This thesis contains no material, which has been accepted for the award of other degree in any institutions. To the best of knowledge and belief this thesis contains no material previously published by any authors except due acknowledgement has been made.

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(Dhan Lal Dhital)

Date: ……..

Letter of Certificate

This is to certify that Mr. Dhan Lal Dhital, a student of Academic Year 2070/71 with Campus Roll No: 283, Thesis No. 1244, Exam Roll No: 280409 and T.U. Regd. No. 9-2-812-5-2008 has completed his thesis under the supervision and guidance of Mr. Lok Nath Bhatarai during the period prescribed by the rules and regulations of Tribhuvan University, Kirtipur, Kathmandu, Nepal. This thesis entitled on **"Effect of Socio-economic Status on Mathematics Achievement of Secondary Level Students"** has been prepared based on the results of his investigation. I, hereby, recommend and forward that his thesis is submitted for the evaluation as the partial requirements to awards the degree of Master of Education.

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(Assoc. Prof. Laxmi Naryan Yadav)

Head

Date: 26 March, 2019

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……

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Abstract

This is a survey study entitle “Effect of Socio-economic status on Mathematics Achievement of Secondary Level Students”. The objective of this study was to find the effect of socio-economic status on mathematics achievement at secondary level students. The sample of study included 120 students of grade IX from six government schools of Banke district were selected through simple random sampling method. An achievement test paper and questionnaire was the main instrument for the study. The mean, standard deviation, correlation and co-efficient of regression tools were used for analysis of data.

Mathematics achievement was explained by four explanatory variables entered the multiple equation respectively. The variables parents’ educations, family income, family size, were found to be most strongly associated with the mathematics achievement of boys and girls respectively. The mean score of educated parent’s children is higher than mean score of literate and illiterate. Students of educated family have relatively good achievement in mathematics rather than literate and illiterate family. Similarly, the variable parents’ occupation was found to be positive influence on boy’s mathematics achievement and family income was strongly negative influence on girl’s mathematics achievement. Most of the children parents are engaged in the agriculture. There is more variability in the achievement of job occupation parent’s children then the agriculture and business occupation parents children. There is more variability in the achievement of low income and middle-income family’s children than high-income family children. Achievements of mathematics students were found to be positively associated with the parents’ education, parents’ occupations, parents’ income and family size.

On the basis of above findings, the researcher concluded that the socio-economic status of the student effects directly in the mathematics achievement Parents’ Education status was found

to be most strongly associated with mathematics achievement. In addition, family income and family size are low associated with mathematics achievement. Other socio-economic related variables parents' occupation had a negative effect on the mathematics achievement. The family education is found to be highly signification in mathematics achievement in boy where as family size in girls.

Table of Contents

	Page No.
Letter of Certificate	*i*
Letter of Approval	*ii*
Recommendation for Acceptance	*iii*
Declaration	*iv*
Acknowledgement	*vi*
Abstract	*vii*
Table of Contents	*viii*
List of Tables	*ix*
Figure	*x*
Abbreviations	*xi*
Chapters	
I: INTRODUCTION	**1-11**
Background of the Study	1
Statement of the Problem	6
Objectives of the Study	8
Significance of the Study	8
Research Hypothesis	9
Delimitation of the Study	9
Definition of the Terms	10
II: REVIEW OF RELATED LITERATURE	**12-21**
Review of the Empirical Literature	12

Theoretical Literature 17

Conceptual Framework of the Study 20

III: METHODOLOGY AND PROCEDURES **22-29**

Design of the Study 22

Population of the Study 23

Sample and Sampling Procedures 24 Data

Collection Tools 25

Reliability and Validity 26

Item Analysis 27

Procedures of Data Collection 27

Data Analysis Procedure 28

Ethnical Consideration 29

IV: Analysis and Interpretation of Data **30-38**

V: Summary, Finding and Recommendation **39-43**

Summary of the study 39 Conclusion

42

Recommendation for the Study 42

Recommendations for Education Implication 43

Reference

Appendices

List of Tables

Table no.	Title	Page no.
1	Description of the Sample	24
2	Items Covering Areas of Mathematics and Level of Cognitive Domain	26
3	Mean and Standard Deviation of Mathematics Achievement by Parent's Education	30
4	Mean and standard Deviation of Mathematics Achievements by Parent's Occupation	31
5	Mean and Standard Deviation of Mathematics Achievement by Family Size	32
6	Mean and Standard Deviation of Mathematics Achievement by Family Income	33
7	Correlation between Explanatory Variables and Dependent Variables	34
8	Correlation of Socio-Economic Variables and Mathematic Achievement	34
9	Regression Equation to all Students	35
10	Regression Equation for Boys and Girls	36

List of Figures

Figure no.1:*Conceptual Framework of the Study* 15

Fig. no. 2: Relationship between Dependent and Independent Variable 17

Abbreviations

A	:	Agree
B. S.	:	BikramSambat
C. B. S.	:	Central Bureau of Statistics
D	:	Disagree
N	:	Neutral
S.A.	:	Strongly Agree
S. E. S.	:	Socio-Economic Status
S. D.	:	Strongly Disagree
V. D. C.	:	Village Development Committee.
S. P. S. S.	:	Statistical Package for Social Science