

EFFECTS OF GENDER IN MATHEMATICS LEARNING

A

THESIS

BY

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FOR THE PARTIAL FULFILLMENT OF THIS REQUIREMENTS FOR THE
DEGREE OF MASTERS IN MATHEMATICS EDUCATION

SUBMITTED TO

DEPARTMENT OF MATHEMATICS EDUCATION

CENTRAL DEPARTMENT OF EDUCATION

UNIVERSITY CAMPUS

TRIBHUVAN UNIVERSITY

KIRTIPUR, NEPAL

2019

LETTER OF CERTIFICATE

This is to certify that Mr. Rajkishor Yadav, student of academic year 2072/073 with Campus Roll No. 677, Thesis number 1434, Exam Roll No: 7228358 and T.U. registration number 9-2-306-38-2012 has completed this thesis under supervision and guidance of Prof. Dr. Binod Prasad Dhakal during the period prescribed by the rules and regulations of Tribhuvan University, Nepal. The thesis entitled on “**Effects of Gender in Mathematics Learning**” has been prepared based on the result of his investigation conducted during the prescribed period under the Department of Mathematics Education, Central Department of Education, University Campus, Tribhuvan University, Kirtipur, Kathmandu, Nepal. I recommend and forward this thesis for the evaluation to award the degree of Masters of Education.

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Assoc. Prof. Laxmi Narayan Yadav

(Head)

Date: May 19, 2019

Date: 2076-2-17 (May 28, 2019)

LATTER OF APPROVAL

This thesis entitled “**Effects of Gender in Mathematics Learning**” submitted by Mr. Rajkishor Yadav in partial fulfillment of the requirement for the Master’s Degree in Education has been approved.

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RECOMMENDATION FOR ACCEPTANCE

This is to certify that Mr. Rajkishor Yadav has completed his M.Ed. thesis entitled **“Effects of Gender in Mathematics Learning”** under my supervision during the period prescribed by the rules and regulations of Tribhuvan University, Kirtipur, Kathmandu, Nepal. I recommend and forward his thesis to the Department of Mathematics Education to evaluate in viva-voce.

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Prof. Dr. Binod Prasad Dhakal

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Date: 2076-2-5 (May 19, 2019)

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DEDICATION TO

I dedicate this to my father, **Mr. Ramrup Yadav** and mother, **Mrs. Manti Devi Yadav**. They have always been a source of inspiration in my life and have a great impact of their each and every word in wave of my life. They will always be my heroes.

DECLARATION

I hereby declare that this thesis is my original work. It contains no material which has been accepted for the award of other degree in any institutions. To the best of my knowledge and belief that this thesis contains no material previously published by any authors except due acknowledgement has been made.

.....

(Mr. Rajkishor Yadav)

ACKNOWLEDGEMENT

I am heavily indebted to my respected supervisor Prof. Dr. Binod Prasad Dhakal, Department of Mathematics Education, Central Department of Education, Kirtipur, Kathmandu. His Valuable constructive suggestions, instructions and scholarly guidance have become the greatest property of this dissertation, without his constant supervision and intellectual guidance this would never have been appeared in this form. Though, I haven't found that any such word to express my deep gratitude to him for his kind help.

I would like to express my sincere appreciation to my teacher Assoc. Prof. Laxmi Narayan Yadav, Head, Department of Mathematics education, T.U, Kirtipur, Dr. Bed Raj Acharya, Mr. AbatarSubedi, Mr. Krishana Prasad Adhikari, Mr. DipakMainali, Dr. Aka RatanAcharya, Mr. KrishanaPrasad Bhatt, Mr. LokNath Bhattarai of Department of Mathematics Education T.U, Kirtipur and all respected teacher of Mathematics Education, Kirtipur for guiding me whenever I needed.

I would like to express my thanks to all teacher and students of Janta Secondary school, Marchwari-5, Rupandehi for their voluntary co-operation. My special thanks go to my dear brothers and my friends for providing me their valuable time, experience and inspiration in completing this thesis.

.....

Rajkishor Yadav

ABSTRACT

This is a case study entitled “Effects of Gender in Mathematics Learning”. The objective of this study was to find out the effect of gender disparities in mathematics learning at grade nine and to analyze the effect of gender difference in mathematics learning. Ten students of Janta secondary school and mathematics teachers were chosen by purposive sampling for the study. Direct observation and interview schedules for selected students, their parents and mathematics teacher were the main tools for the data collection. The collected data were analyzed and interpreted in descriptive form.

After analyzing the data, it was found that the mathematics achievement of boys students were higher than that of girls students. The present study found that mathematics learning affected by cultural. The performance of girls were low in learning mathematics. Girls were irregular in school and they were busy in household work. The analysis and interpretation of information showed that the gender effects in the learning mathematics. Parental education, parent’s occupation, interests of parents towards boys and girls, interaction between teacher and students, learning environment, local culture feast and festivals were major hindering factors of gender in learning mathematics of selected public school.

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