STUDENTS' ENROLLMENT IN OPTIONAL MATHEMATICS

A

THESIS

BY

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FOR THE PARTIAL FULFILLMENT OF THE REQUIREMENTS

FOR THE DEGREE OF MASTER OF EDUCATION

SUBMITTED

TO

DEPARTMENT OF MATHEMATICS EDUCATION

UNIVERSITY CAMPUS

TRIBHUVAN UNIVERSITY

KIRTIPUR, KATHMANDU

2018

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LETTER OF APPROVAL

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LETTER OF CERTICFICATE

This is to certify that **Mr. Shivahari Giri**, a student of academic year 2067/069 with Campus Roll No 163 Exam Roll No281603 Thesis No. 1166 and T.U. Registration No. 5-1-061-0144-96 has completed this thesis under my supervision during the period prescribed by the rules and regulation of Tribhuvan University Nepal. The thesis entitled " Students' Enrollment in Optional Mathematics " has been prepared based on the results of his investigation and conducted during the period of 2017 under the Department of Mathematics Education. University campus, Tribhuvan University Kirtipur Kathmandu. I recommend and forward that this thesis be submitted for the evaluation to award the Degree of Master of Education in Mathematics.

……. …….

(Mr. Abatar Subedi) (Assoct. Prof. Laxmi Narayan Yadav)

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DECLARATION

I hereby declare that the work reported in this thesis entitled **Students' Enrollment In Optional Mathematics** submitted to the Central Department of Mathematics Education, University Campus, Tribhuvan University, Kirtipur is my original work done in the form for partial fulfillment of the requirements for the degree of Master of Mathematics Education under the supervision of Abatar Subedi lecture, the Department of Mathematics Education.

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Date: 2074/12/16 Shivahari Giri

ACKNOWLEDGEMENTS

First of all, I would like to express my sincere gratitude to my thesis supervisor Abatar Subedi Lecture, Department of Mathematics Education, T.U., Kirtipur for his regular guidance, supervision, invaluable suggestions, encouragement and inspiration. This research work would not have been completed without his guidance. So, I would like to express my heartfelt gratitude to him.

I am very indebted to respected teachers and the renowned personalities Assoct. Prof. Laxmi Narayan Yadav, Head, Department of Mathematics Education and Prof. Dr. Hari Prasad Upadhyay, Mr. Deepak Mainali Lecture, for their valuable suggestions, comments, inspiration and encouragement during this thesis work. I wish to acknowledge and express my profound gratitude to the head teachers and mathematics teacher of selected schools for their valuable suggestions, facilitating reference materials, advices and encouragement during my research work and especially grateful to all the students for their active participation in filling Questionnaire form and other activities during the collection of data for this thesis.

Likewise I would like to thank my mitjee Chakra Bahadur Bist and other friends Bikas Shakya, Kumar Bajgain , Manik Maharjan and Sayachandra Giri for their co-operaration during my research work.

Finally, I express thanks to my parents, wife (Radhika Giri), daughter (Archisha Giri) who provided appropriate environment and necessary encouragement to complete this study. Also, special thanks goes to K.M. Computer's Mr. Krishna Gopal Maharjan for his help in typing, printing and organizing my work with in a very short time period.

Shivahari Giri

ABSTRACT

This study focuses on the students' enrollment in optional mathematics at secondary level of public schools in Kathmandu district. The main objectives of this study was to find the achievement level of boys and girls students and to find out the enrollment of students in optional mathematics at secondary level of public schools in Kathmandu district. To carry out this research, I have selected sixty three boys and forty five girls students of grade IX were chosen for the study in different public schools of Kathmandu district. Also, I have selected10 Head teachers and 10 Subject teachers of 10 public schools of Kathmandu district were taken as sample of the study. Stratified random sampling was used for the process of sampling of the study. This study was survey type and the design was both qualitative and quantitative in nature. The student's questionnaire form, different achievement test, interview question for subject teacher and head teacher and school administrative records were the main instruments/tools for the data collection. Such collected information's were analyzed descriptively according to the constructivism theory. Z-score test was taken as the test statistics significance.

This study concluded that the achievement of boys and girls students was probably same in optional mathematics in public school. Similarly, there were many causal factors for their low enrollment. The study showed that economical status of parents, negligence of parents, interest of the learners, negative thinking towards mathematics, peer`s behavior, teacher's behavior were strongly influenced and occupation of the parents, student's learning time, trend's of society were weakly influenced for the low enrollment of students in optional mathematics.

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