PROBLEM FACED BY STUDENTS IN GEOMETRY AT LOWER SECONDARY LEVEL

A

THESIS

BY

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FOR THE PARTIAL FULFILMENT OF THE REQUIREMENTS FOR THE DEGREE OF MASTER OF EDUCATION

SUBMITTED

TO

DEPARTMENT OF MATHEMATICS EDUCATION

CENTRAL DEPARTMENT OF EDUCATION

UNIVERSITY CAMPUS

TRIBHUVAN UNIVERSITY

KIRTIPUR, KATHMANDU

2019

LETTER OF CERTIFICATE

This is to certify that Mr. PremPrasadSubedi a student of academy year 2071/72 with campus Roll Number 493/071, Thesis number 1391, Exam Roll Number 28710314 and T.U. Registration Number 9-2-552-101-2009 has completed his thesis entitled **"Problem Faced by Students in Geometry at Lower Secondary Level"**has been prepared based on the result of his investigation conducted during thePeriod of2019 April. I recommended and forward that his thesis be submitted for the evaluation as the partial requirement to award the degree of master's in Education.

....……..

Asso. Prof. Laxmi Narayan Yadav

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LETTER OF APPROVAL

Thesis Submitted

By

Prem Prasad Subedi

Entitled **"Problem Faced by Students in Geometry at lower Secondary Level"** has been approved in partial fulfillment of the requirements for the Degree of master of Education.

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(Supervisor)

Date: 2019/04/29

RECCOMENDATION FOR ACCEPTANCE

This is to certify that Mr. Prem Prasad Subedi has completed his M.Ed. thesis entitled **"Problem Faced by Students in Geometry at Lower Secondary Level"** Under my supervision during the period prescribed the rules and regulation of Tribhuvan University,Kirtipur,Kathmandu, Nepal. I recommend and forward his thesis to the Department of mathematics education to evaluate in final viva-voce.

……..……....

(Prof. Dr. Binod Prasad Dhakal)

Date:2019/04/29

DEDICATION

Honestly Dedicated

To

My Parents

ChhaviLalSubedi and Ganga Devi Subedi

DECLARATION

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

Date: 2019/04/29 ….....

Prem Prasad Subedi

ACKNOWLEDGEMENT

This task of thesis writing has really taken me to a newer world. As a result, I have felt a new experience in the context of my study. I have come to the realization that it is a part of the intensive study that gives a person an insight into self-study. In course of writing this thesis, I have been inspired by the invaluable cooperation, suggestion and guidance and counseling of various persons. Therefore, first of all, I would like to express my sincere gratitude to my respected thesis supervisor Prof. Dr. Binod Prasad Dhakal, Department of mathematics Education, T.U. for his guidance, encouragement, useful comments and invaluable suggestion to complete the task. Without his regular encouragement and constructive feedback.

I am grateful to Head of the Department Asso. Prof. Laxmi Narayan yadav, Prof. Dr. Hari Prasad Upadhyay, Mr. ArjunNeupane, Mr. LokNathBhattarai and all respected teachers of department of mathematics for suggest me to carry out this research. I am equally thankful to my respected teachers Mr. BinodkumarKhadka, Mr. Laxmi pd. Bhattarai, Mr. Ram dattaAwasthi and all teachers and students who kindly provided me their information required to accomplish this study. Specially, I would like to thank to Mr. logbdr. budha, Mr. Madhavbhatt, Mr. Chakra Ayer and all the friends for providing materials and ideas regarding this study. I can never miss this opportunity to extend my thanks to my family members and relatives who have always been with me in every hardship.

……..……...

Prem Prasad Subedi

ABSTRACT

This study is about the 'Problem faced by students in geometry at lower secondary level'. The main objectives of the study were to identify the causes of problems behinds the poor mathematics achievement in lower secondary school level. By hearing the negative response of students towards geometry while teaching in lower secondary level classes and observing poor result in geometry the researcher decided to take a research work carrying to use topic. By taking the interview with expert, teachers, students, class observation and achievement test among about 100 candidates the data were collected. Participants were selected by simple random sampling method.

The data were analyzed by survey design. Responses obtained from class observation and achievement test were analyzed by three point likert scale with the help of weightage mean, contents of text book, old documents, teachers and students responses, physical availability etc. were analyzed by factual description.

From all the above efforts reliable causes of possible problems were noticed. School administration, parents, teachers, publications, students, and academic policy of nation all are responsible for the problems. Also regular school observation by resource persons, standardized government policy, honest administration, motivational evaluation of teachers and students and constructive encouragement etc. can be the possible remedial measures to decrease the problems.

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ABBREVIATIONS

B.S	.: BikramSambat
RCERID	: Research Center for Education Innovation and Development
SEE	: Secondary Education Examination
TU	: Tribhuvan University
NCTM	: National Council of Teachers of Mathematics
NESP	: National Environment Science Program
NECD	: National Center for Education Development