CHALLENGES FACED BY PHYSICALLY DISABLED STUDENTS IN LEARNING MATHEMATICS

A

THESIS

BY

LOG BAHADUR BUDHA

IN PARTIAL FULFILLMENT OF THE REQUIREMENT FOR THE DEGREE

OF MASTER'S OF EDUCATION

SUBMITTED

TO

DEPARTMENT OF MATHEMATICS EDUCATION

CENTRAL DEPARTMENT OF EDUCATION

UNIVERSITY CAMPUS

TRIBHUWAN UNIVERSITY

KIRTIPUR, KATHMANDU

2018

RECOMMENDATION FOR ACCEPTANCE

This is to certify that Mr. Log BahadurBudha has completed his M.Ed thesis entitled **''Challenges Faced by Physically Disabled Students in Learning Mathematics''** under my supervision during the period prescribed the rules and regulation of Tribhuvan University, Kirtipur, Kathamandu, Nepal. I recommend and forward his thesis to the Department of Mathematics Education to organize final vivavoce.

.....

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LETTER OF APPROVAL

This Thesis Entitled"**Challenges Faced by Physically Disabled Students in Learning Mathematics''** Has been approved in partial fulfillment of the requirements for the Degree of Master of Education.

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DEDICATION

This work id heartily dedicated to my Grandmother ParuBudha, my father PrambirBudha my mother Devi Budha and all my family members who support in every situation of my life for what I am now.

DECLARATION

I declare that this dissertation is my own work which contains no material from other accepted dissertation of degree award which has been already done in any institution. Also I declare that this dissertation has not been submitted for any other degree.

.....

Log BahadurBudha

Date:

LETTER OF CERTIFICATE

This is to certify that Mr. Log BahadurBudha a student of academic year 2071/2072 with campus Roll No. 148/071, thesis number 1343, exam Roll No.28710296 and T.U. registration number 9-2-29-467-2010 has completed this thesis for the period prescribed by the rules and regulation of Tribhuvan University, Nepal this thesis entitled" **Challenges Faced by Physically Disabled Students in Learning Mathematics**" has been prepared based on the result of his investigation conducted during the period of 2018 under the department of Mathematics education, Tribhuvan University, University campus, Kirtipur. I recommended and forward this thesis for evaluation as the partial requirements to award the degree of master of Education.

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Defense Date: December 14, 2018

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ACKNOWLEDGEMENTS

First of all, I am extremely grateful to my thesis supervisor Prof. Dr. Binod Prasad Dhakal, Department of Mathematics Education, T.U, Kirtipur for his advice, continuous guidance, encouragement, useful comments and feedback. I am heavily indebted to him for providing me with his whole hearted co-operation, extremely useful suggestions, comprehensive guidance and meticulous supervisions throughout this research work.

My sincere gratitude goes to Associate Professor LaxmiNaranYadav and Head, Department of Mthematics Education, for providing me with practical suggestions, encouragements and co-operation during my study.

I am also equally grateful to honorable Gurus Prof. Dr. Hari Prasad Upadhyay, Prof. Dr. Min BahadurShrestha, Associate Prof Bed Raj Acharya, Mr. AbatarSubedi, Mr.KrisnaAdhikariand other teaching and non- teaching staffs lecture at the Department of Mathematics Education, T.U, Kirtipur for providing me with the guideline and valuable suggestions to complete the task.

Similarly, I would like to thank all the secondary level Mathematics teacher and Head Teacher of Khagendra New life Educational foundation in Kathmandu who allowed me to observe their classes and to take their depth interview. I would like to forward my deepest appreciated to my friends Mr.Chandra Jung Majhi, Mr.PrakashRayamajhi, Mr. HirendraBudha, Hari K.C., Mr.BiswarajBudhathoki, Mr.PuskalDhunganafor collaborative supports and encouragements.

Finally, I wish to express my gratitude to my grandmother, who has passed away, but I believe she is watching my success. Last but not least, my father, mother, sisters, brothers, and my family who are always there with motivation, strengths and unconditional love when I am in harsh circumstances and misfortune.

Date:

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ABSTRACT

This study entitled "Challenges faced by physically disabled students in learning mathematics". The objectives of this study were to find out the areas of challenges of physically disabled students in learning mathematics and to find out the causes of challenges to physically disabled students while learning mathematics. This study was based on the case study which is qualitative in nature. This study was conducted with the sample of four physically disabled students of grade X selected from Shree Khagendra New Life Special Education Foundation –Jorpati Kathmandu and those samples were selected purposively. Classroom observation form and indepth interview with students, mathematics teacher head teacher were used as the data collection tools to collect data. Similarly, face to face in-depth interview of students, mathematics teachers, and head teachers were also taken as the source of data to analyze challenges faced by physically disabled students in learning mathematics.

Based on reviewed literature and different concepts of theories and data had been analyzed and interpreted to explore the causes of challenges faced by physically disabled students. Similarly, it was also found that critical learning environment of school, mismatched spoken language, less classroom participation, irregularity, lack of parental involvements in the school, lack of time in class activities and teaching method have emerged as major causes behind the challenges in learning mathematics for physically disabled students.

The finding of this study shows that, there is negative attitude, beliefs and less interest of physically disabled students on mathematics learning. The school infrastructure (school environment) is not supportive for learning mathematics. And, physically disabled students have no sufficient time for learning mathematics in classroom. This study also shows that the guardian and parents of the physically disabled students have not regularly contacted on their children's study at school.

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Appendix

LIST OF SYMBOLS, ABBREVIATIONS AND ACRONYMS

CRN	:	Census Report of Nepal
M.Ed.	:	Master of Education
MS	:	Multiple Sclerosis
NPAD	:	National Policy and Action on Disabled Students
OUP	:	Oxford University Press
р	:	Page
Prof	:	Professor
Т	:	Teacher
T.U.	:	Tribhuvan University
WHO	:	World Health Organization
ZPD	:	Zone of Proximal Development