

CAUSES OF LOW ACHIEVEMENT OF MUSLIM STUDENTS IN  
MATHEMATICS

A  
THESIS  
BY  
PRADEEPJAISI

IN PARTIAL FULFILMENT OF THE REQUIREMENTS FOR THE DEGREE  
OF MASTER'S DEGREE IN MATHEMATIC EDUCATION

1430

– PRADEEP JAISI

SUBMITTED

TO

DEPARTMENT OF MATHEMATICS EDUCATION

CENTRAL DEPARTMENT OF EDUCATION

UNIVERSITY CAMPUS

TRIBHUVAN UNIVERSITY

KIRTIPUR

2019

2019

## LETTER OF CERTIFICATE

This is to certify that Mr. Pradeep Jaisi, a student of academic year 2072/073 with Exam Roll Number 7228345, Thesis number 1430 and T.U. registration number 9-2-180-18-2010 has completed this thesis for the period prescribed by the rules and regulations of Tribhuvan University, Nepal. This thesis entitled '**Causes of Low Achievement of Muslim Students in Mathematics**' has been prepared based on the results of his investigation. I, hereby recommend and forward that his thesis be submitted for the evaluation as the partial requirements to award the degree of Master of Education.

.....  
Assoc. Prof. Laxmi Narayan Yadav  
(Head)

Date:

## LETTER OF APPROVAL

This thesis entitled '**Causes of Low Achievement of Muslim Students in Mathematics**' submitted by Mr.Pradeep Jaisiin partial fulfilment of the requirements for the Master's Degree in Education has been approved.

**Viva Voce Committee**

**Signature**

Assoc. Prof. Laxmi Narayan Yadav  
(Chairman)

.....

Prof.Dr.Hari Prasad Upadhyay  
(External)

.....

Mrs.Hom Kumari Adhikari  
(Member)

.....

Date: 2019-07-11

## RECOMMENDATION FOR ACCEPTANCE

This is to certify that Mr.Pradeep Jaisi has completed his M. Ed. thesis entitled **'Causes of Low Achievement of Muslim Students in Mathematics'** under my supervision during the period prescribed the rules and regulations of Tribhuvan University, Kirtipur, Kathmandu, Nepal. I recommended and forward his thesis to the Department of Mathematics Education to organize final viva-voce.

.....

(Mrs.Hom Kumari Adhikari)

Supervisor

Date: .....

©2019

Copyright by PradeepJaisi

This document is copyright material. Under the law, no parts of this document may be reproduced without the expressed permission of the researcher.

Defence Date:

All Right Reserved

## **DEDICATION**

I dedicate my thesis to my family and friends. This Thesis is particularly dedicated to my father SHIV PRASAD JAISI, mother BHADRASHILA JAISI and sister BASANTI JAISI who taught me to trust goad, believe in hard work and supporting and encouraging me to believe in myself .

## DECLARATION

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

.....

Pradeep Jaisi

Date :

## ACKNOWLEDGEMENT

My first obligation is to the Department of Mathematics Education T.U. Kirtipur for providing me an opportunity to do a thesis on the topic of "Causes of low Achievement of Muslim Students in Mathematics".

I would like to express my sincere thanks, gratitude and gratefulness to my supervisor as well as my teacher, Mrs.Hom Kumari Adhikari , from Department of Mathematics, University Campus , Kirtipur, Who encourage and her continuous all sorts of the basis ideas, instruction and invaluable scholarly guidance for carrying out this research work from the very beginning to the end and enabled me to present this dissertation in this form.

My sincere appreciation goes to Assoc.Prof. Laxmi Narayan Yadav, the head of Department of Mathematics and Computer Science, university Campus, Kirtipur, who provided mw an opportunity to write this thesis by approving my proposal. Similarly, Dr. Bed Raj Acharya and Dr.Eka Ratna Acharya for their valuable suggestions, comments, inspiration and encouragement in improving this thesis. I am also deeply indebted to the Professors, Readers, Lecturers, teachers and staffs of the Department for their valuable inputs.

Finally, I wish to acknowledge and express my profound gratitude to the head teacher and mathematics teacher of selected school for their cooperation, valuable suggestion, advices and encouragement during my research work. My sincere thanks go my friends Bisnu Tharu, Rajanish Pandey, Shiv RatanTharu and GulamrasoolI drishi who help me directly and indirectly during my thesis.

April, 2019

.....

PradeepJaisi



## **ABSTRACT**

This study focused on the cause of low achievement of Muslim students in mathematics. The objectives of this study were to explore the causes of low achievements in mathematics learning of Muslim students and to find mathematics learning environment of Muslim students at home.

This is case study research having qualitative and descriptive nature. Among 522 schools from Banke district, for the research the researcher selected only one school purposively where Muslim students studies in the grade V-VII. From the Muslim students five were selected for the case studies on the basics of the mathematics score obtain by the students in the test taken by school. To fulfil the objectives of the this study the required primary data are collected through interview, observation of the school document, face to face interview with students' parents, mathematics teacher, and head teacher. And also classroom observation was done by descriptively according to the constructivism theory. The data was analysis by descriptive and interpretive method.

This study showed that different causes of low achievement in mathematics learning of Muslim student. They were culture dominated society, parents education, parents occupation, culture custom and tradition, effect of gender in society, learning opportunity at home , teaching method, relation between teacher and students, communication gap with guardians, motivation towards students, teaching materials, facilities provided by school. This study also showed that the home environment of Muslim students to learning was not good due to the economic condition, house work parent's education and sufficient learning opportunity at home.

## TABLE OF CONTENTS

	Page No.
<i>Letter of Certificate</i>	<i>i</i>
<i>Letter of Approval</i>	<i>ii</i>
<i>Recommendation for Acceptance</i>	<i>iii</i>
<i>Copy Right</i>	<i>iv</i>
<i>Dedication</i>	<i>v</i>
<i>Declaration</i>	<i>vi</i>
<i>Acknowledgements</i>	<i>vii</i>
<i>Abstract</i>	<i>viii</i>
<i>Contents</i>	<i>ix</i>
<b>Chapters</b>	
<b>I: INTRODUCTION</b>	<b>1-7</b>
Background of the Study	1
Statement of the Study	3
Objectives of the Study	4
Significance of the Study	4
Delimitation of the Study	5
Definition of the Key terms	5
<b>II: REVIEW OF RLATED LITERATURES</b>	<b>8-16</b>
Empirical Review	8
Theoretical Review	13
Conceptual Framework	15
<b>III: METHOD AND PROCEDURES</b>	<b>17-20</b>
Design of the Study	17
Research Area	17

Respondent of the Study	17
Tools for Data Collection	18
Observation Form	18
Interview Schedule	18
School Document	19
Data Collection Procedures	19
Data Analysis and Interpretation	19
<b>IV: ANALYSIS AND INTERPREATION</b>	<b>21-43</b>
Introduction of Sample School	22
School community	22
Learning environment of School	28
Home Environment	28
Parent's Education	30
Socio-economic Status	31
Occupation	33
Culture and Customs	34
Physical Facility provided by school	36
Teacher student's Relation	37
Language	38
Teaching Method	40
Gender	42
<b>V: SUMMARY, FINDING, CONCLUSION AND RECOMANDATION</b>	<b>44-47</b>
Summary	44
Findings of the study	45
Conclusion	46
Recommendations	47

## **REFERENCES**

## **APPENDICES**

Appendix A: Individual student's record I

Appendix B: Interview format for Students II

Appendix C: Interview guideline for mathematics teacher III

Appendix D: Interview guideline for parents IV

Appendix E: Interview guideline for head teacher V

Appendix E: Main topic observation VI