

**ATTITUDE OF TRAINED TEACHERS IN TEACHING MATHEMATICS**

**A**

**THESIS**

**BY**

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**FOR THE PARTIAL FULFILLMENT OF THE REQUIREMENTS**

**FOR THE DEGREE OF MASTER OF EDUCATION**

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**TO**

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### LETTER OF CERTIFICATE

This is to certify that Mr. Ajay Kumar Sah a student of academic year 2070/071 with campus roll number 30(2070), thesis number 1243, exam roll number 280363 (2070) and TU registration number 9-2-834-15-2009, has completed this thesis for the period prescribed by the rules and regulation of Tribhuvan university, Nepal. The thesis entitled "**Attitude of Trained Teachers in teaching Mathematics**" has been prepared based on the result 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.

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(Assot. Prof.Laxmi Narayan Yadav)

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**LETTER OF APPROVAL**

This thesis entitled "**Attitude of Trained Teachers in Teaching Mathematics**" submitted by Mr. Ajay Kumar Sah in partial fulfillment of the requirements for the Master's Degree in Education has been approved.

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**RECOMMENDATION FOR ACCEPTANCE**

This is to certify that Mr. Ajay Kumar Sah has completed his M Ed thesis entitled "**Attitude of Trained Teachers in Teaching Mathematics**" under my supervision during the period prescribed the rule and regulation of Tribhuwan University, Kirtipur, Kathmandu, Nepal. I recommend and forward his thesis to the Department of Mathematics Education to organize final viva- voce.

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Supervisor

Date: .....

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## DEDICATION

This work is affectionately dedicated to my father **Mr. Basanti Sah**

and mother **Mrs. Umda Devi Sah,**

Who even in a very difficult situation great span of their

life for what I am now.

**DECLARATION**

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

.....

(Ajay Kumar Sah)

Date: .....

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.....

Ajay Kumar Sah



## ABSTRACT

This study intended to find out the attitude of trained teachers towards teaching mathematics and relationship between attitude and classroom practices of trained teachers in teaching mathematics at grade V. This study has been done on trained teachers (who taught mathematics at grade V) taken as population for the source of data in order to obtain the attitude of trained teachers towards teaching mathematics and relationship between attitude and classroom practices of trained teachers.

The nature of this study was of survey type and based on quantitative data. The corresponding hypothesis was formulated for statistics verification. The researcher collected the data about the attitude of teachers towards teaching mathematics taking 40 trained teachers as sample from Saptari district and collected the data about the relationship between attitude and classroom practices of trained teachers in teaching mathematics taking only 15 trained teachers (who taught mathematics at grade V) by random sampling method.

A set of questionnaire consisting 25 statements was developed as the data collection tools to collect required data for the first objective of this study. The statements in questionnaire were related to trained teachers attitude towards teaching mathematics. A set of opinionnaire consisting 15 statements was developed as the data collection tools to collect required data for the second objective of the study and class observation form was other data collecting tool for second objective.

The response of teachers was measured with Likert's five point scale allotting scores 5,4,3,2 and 1 to scale in favors of strongly agree, agree, neutral, disagree and strongly disagree respectively for the opinion of respondent on each statement.

The collected data were edited and tabulated with finding attitude score of primary teachers, number of teacher who responds in each category. Then the  $\chi^2$  - test was used to determine the attitude of trained teachers towards teaching mathematics at the 0.05 level of significance and percentage was used to determine the relationship between attitude and classroom practice of trained teachers in teaching mathematics at grade V.

The major finding and conclusion of the study were summarized as bellow:

- ) There was positive attitude of trained teachers towards teaching mathematics at grade V.
- ) The attitude of trained teachers towards teaching mathematics does not match with their classroom practices. So, the relationship between attitude and classroom practices of trained teachers in teaching mathematics was moderate.

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### Abbreviations

BPEP	-	Basic and Primary Education Project
CERID	-	Research Center of Education Innovation and Development
EFA	-	Education for All
FOE	-	Faculty of Education
GON	-	Government of Nepal
MOES	-	Ministry of Education and Sports
NCED	-	National Center for Educational Development
TU	-	Tribhuvan University