

**MAGAR AND DALIT STUDENTS' ACHIEVEMENT IN
MATHEMATICS AT SECONDARY LEVEL**

A Thesis Submitted to
Tribhuvan University,
Department of Mathematics Education,
**in Partial Fulfillment of the Requirement for the Master's degree in Education
on Mathematics Education**

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DECLARATION

I hereby declare that the outcome of this thesis entitled “ **Magar and Dalit Students' Achievement in Mathematics at Secondary Level** ” submitted to Department of Mathematics Education, Faculty of Education, Tribhuvan University, is my own work done in the form of partial fulfillment of the requirement for the Master of Mathematic Education under the supervision of Maheshwor Pokhrel, Prithvi Narayan Campus.

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CERTIFICATE

This is to certify that **Mr. Tika Ram Bhandari**, a student of academic year 2070 'B' with exam Roll No. 4803489(074) and with T.U. Registration Number 9-2-318-181-2010 has completed his thesis under my supervision for the period prescribed by the rules and regulation of Tribhuvan University, Nepal. The thesis entitled “**Magar and Dalit Students' Achievement in Mathematics at Secondary Level**” embodies the results of his investigation conducted under the department of Mathematics Education, PNC, Pokhara. I recommended for education as the partial requirements of award the Degree of master of Mathematics Education.

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VIVA-VOCE SHEET

A Thesis Submitted

by

Tika Ram Bhandari

Entitled

"Magar and Dalit Students' Achievement in Mathematics at Secondary Level"

has been approved in partial fulfillment of requirements for the degree of master of Mathematics Education.

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ABSTRACT

This study was carried out on the title “**Magar and Dalit Students' Achievement in Mathematics at Secondary Level**”. The study included 10 Community and Institutional schools having both Magar and Dalit students as sample students. Altogether 200 students i.e., 100 Magar and 100 Dalit students were selected randomly from the sample schools out of two caste groups 50 were boy and 50 were girl students. The research was held on the objectives; Find out the Magar and Dalit students' achievement in Mathematics at secondary level and Compare the Magar and Dalit students' achievement in Mathematics at secondary level.

To meet these objectives, 70 multiple-choice test items were developed based on secondary level Mathematics curriculum and subjected to pilot study to 12 students of grade 10 of Sorvodaya S.S Bhurung Tatopani, Myagdi. Items were analyzed statistically by determining the difficulty level and discrimination index of the items. Finally 50 items were selected for the achievement test.

The achievement test was administered to the sample students of sample schools. All the answer sheets were collected and scored. The data obtained were tabulated and analyzed by using mean, standard deviation, variance and two-tailed t-test at 0.05 level of significance. From the analysis of the data collected and information, The mean score of the Magar students was 33.65 and a Dalit student was 31.25. There was significant difference between Magar and Dalit students' achievement in Mathematics at secondary level. There was no significant difference between comparison of Dalit boy and Dalit girl students and Magar boys student and Dalit boys students. There was significant difference in comparison of Magar boy and girl students and Magar girls and Dalit girl student

LIST OF ABBREVALION

A.D: Anno Domini

D: Discrimination Index

EDCU: Education Development and Coordination Unit

INGO: International Non Governmental Organization

LEARN: Lifting Education for Advancing Rural Nepal

LGS: Letter Grading System

NEC: National Education Commission

NESP: National Educational System Plan

NGO: Non Governmental Organization

P: Difficulty Level

PNC: Prithvi Narayan Campus

S.D: standard Deviation

SEE: Secondary Education Examination

STA: Standardized Achievement Test

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