

**ATTITUDE OF ORPHAN STUDENTS IN MATHEMATICS AND ITS
RELATIONSHIP WITH THEIR ACHIEVEMENT OF KASKI DISTRICT**

A THESIS

SUBMITTED BY

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APPROVAL LETTER

Thesis submitted by **Pitambar Adhikari** entitled "**Attitude of Orphan Students in Mathematics and its Relationship with their Achievement of Kaski District**" has been approved in the partial fulfillment of the requirements for the **Degree of Master of Education**.

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ACCEPTANCE LETTER

This is to certify that **PITAMBAR ADHIKARI** Students of academic year **2062/2063** with campus Roll No: **08/062** Exam Roll No: **480796** and TU Registration No: **6292-94** has completed his thesis under my supervision during the period prescribed by the rules and regulations of Tribhuvan university Nepal. The thesis entitled. **ATTITUDE OF ORPHAN STUDENTS IN MATHEMATICS AND ITS RELATIONSHIP WITH THEIR ACHIEVEMENT OF KASKI DISTRICT** has been prepared based on the results of this investigation conducted during the period of 2013. I hereby recommendation and forward that this be submitted for the education as the partial fulfillment of the requirements toward the degree of **Master of Education**.

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ABSTRACT

The prime concern of this study attempts to assess the attitude of secondary level orphan students especially grade IX, towards mathematics. The empirical data for this study was collected from the SOS Hermam Gminer School Gandaki, Balmandir Higher Secondary School, Step by Step H.S.S., M.A. H.S.S. of Kaski District. The sample of the study was all the orphan students of sampled Schools.

A set of opinionnaire named “A modified Fennema-Sherman Mathematics Attitude Scale” was the tools for collecting data for the study. The opinionnaire consisted of three level of statements viz, personal Confidence about the Subject Matter, Usefulness of Subject Content and Subject is Perceived as a Male Domain. The opinionnaire consist of all total 32 statements and which was distributed among 30 Boys students and 21 Girls Students out of 51 Students.

The data were analyzed by applying percentage, mean, and standard deviation and two-tailed t-test at 0.05 level of significance through MS Excel on Computer. Similarly Karl-Pearson’s product moment method was employed to compute correlation coefficient between attitude and achievement.

This research has been represented five chapters. First chapter deals with introduction, background of the study, statements of problem, rational of the study, objective of the study, limitation of study and definition of related terms. Second chapter gives information about researches conducted in this area. Third chapter deals with the methodology, population of the study, study sites, sample of the study, data collection and analysis procedure. Fourth chapter includes analysis

and interpretation of the data and final chapter includes summary with findings, conclusion and recommendations.

The result of this study shows that there was a positive attitude of orphan students towards mathematics and there is significance difference between orphan boys and girls' students' attitude toward mathematics. Also orphan boys' achievement status is better than orphan girls in secondary school level compulsory mathematics and attitude and achievement are correlated to each other.

Pitambar Adhikari

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ACRONYMS AND ABBREVIATION

NESP	- National Education System Plan
MOE	- Minister of Education
ICME	- International Conference on Mathematics Education
UNESCO	- United Nations Educational Scientific & Cultural Organization
UNICEF	- United Nations International Children's Emergency Fund
CERID	- Centre for Educational Resource Innovation Development
SOS	- Save our Soul
GON	- Government of Nepal
PCL	- Proficiency Certificate Level
IEA	- international association for the Evaluation of Education Achievement