

**PROBLEM FACED BY STUDENTS' IN LEARNING GEOMETRY AT
SECONDARY LEVEL**

**A
THESIS**

**By
LASANG LAMA**

**FOR THE PARTIAL FULFILLMENT OF THE REQUIREMENT FOR
THE DEGREE OF MASTERS OF EDUCATION**

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CERTIFICATE

This is to certify that **Ms. Lasang Lama**, a student of academic year 2068/69 with campus Roll Number 1720/2068, Thesis Number 1011, Exam Roll Number 281438/2069, and T.U. Registration Number 9-2-229-46-2004, has completed her thesis under the rules and regulations of Tribhuvan University, Nepal. The thesis entitled **“Problem Faced by Students' in Learning Geometry at Secondary Level”** has been prepared based on the results of her investigation conducted during the period of 2016 June/July. I, hereby, recommend and forward that her thesis be submitted for the evaluation as the partial requirements to award the degree of Master's in Education.

.....

Mr. Bed Prasad Dhakal

Supervisor

A
Thesis
Submitted
By
Lasang Lama

Entitled:

“Problem Faced by Students' in Learning Geometry at Secondary Level”

has been approved in partial fulfillment of the requirements for the Degree of Masters
of Education.

Committee for the Viva-voce

Signature

- | | | |
|----|--|-------|
| 1. | Assot. Prof. Laxmi Narayan Yadav
(Chairman) | |
| 2. | Prof. Dr. Hari Prasad Upadhyay
(External) | |
| 3. | Mr. Bed Prasad Dhakal
(Member) | |

Date :

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ABSTRACT

This study entitled "Problem Faced by Students' in Learning Geometry at Secondary Level" is aimed to explore the problems faced by students in learning geometry at secondary level and to compare the problems in community and institutional schools.

Twenty schools of Sarlahi district were selected in sample by stratified random sampling method among them 10 schools are community and 10 schools are institutional. Nine students from each 10 community school and 6 students from each 10 institutional schools were selected as sample and comprise 150 students in total.

The design of the research is descriptive survey. The instruments used in the study were one set of questionnaire to identify the problems faced by the students in learning geometry and one set of interview schedule to explore the causes of problems. The collected data through the use of instruments were tabulated, interpreted and analyzed with simple percentage, mean weightage and t-test.

The analysis of data indicated that there are problems in learning geometry especially in teaching learning activities, instructional materials, proving and verifying theorems, assessment and feedback system. The causes of these problems found in the study are spending more time on household work, playing, distance between home and school, negligence by teacher to poor students, teaching without providing clear concepts and lack of use of teaching materials while teaching geometry.

In this study it was found that the problems faced by students' in learning geometry in community and institutional school are not significantly different. The students are facing common problems in learning geometry in both type of schools.

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ABBREVIATIONS

BC	Before Christ
CDC	Curriculum Development Centre
CERID	Research Centre for Education Innovation and Development
MALATI	Mathematics Learning and Teaching Initiatives
NCTM	National Council of Teachers of Mathematics
SN	Statement Number
SD	Standard Deviation
df	Degree of Freedom
NR	Number of Respondent