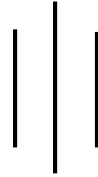


# FACTORS AFFECTING THE GIRLS' ACHIEVEMENT IN GEOMETRY

(In Syangja District)



A THESIS

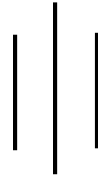
BY

BHAGABATI PAUDEL

CAMPUS ROLL NO. 208/063

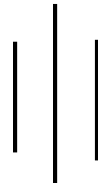
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DEGREE OF MASTER OF EDUCATION



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August, 2011

**TRIBHUVAN UNIVERSITY  
PRITHIVI NARAYAN CAMPUS  
FACULTY OF EDUCATION  
DEPARTMENT OF MATHEMATICS  
POKHARA, NEPAL**

**A Thesis**

**By**

**BHAGABATI PAUDEL**

*Entitled*

**Factor Affecting the Girls' Achievement in Geometry (in Syangja District)**

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

**Committee for the Viva- Voce**

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Date: - 2068/05/13

**TRIBHUVAN UNIVERSITY**  
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**ACCEPTANCE LETTER**

This is to certify that Mrs. Bhagabati Paudel, student of academic year 2063/2065 with campus Roll No. 208/063, exam Roll No. 480273/065 and T.U. Registration No.: 9-2-48-2211-2001 has completed her thesis under my supervision during the period prescribed by the rules and regulations of Tribhuvan University, Nepal. The thesis entitled “Factors Affecting the Girls’ Achievement in Geometry” has been prepared based on the results of this investigation conducted during the period of 2010-2011. I hereby, recommend and forward that this thesis be submitted for the evaluation as the partial fulfillment of the requirements for the degree of Master of Education.

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Bhagabati Paudel

## **ABSTRACT**

This study focuses on the factor affecting on the girls achievement in Geometry. This is a survey type study that attempts to describe the achievement level of girls students in geometry and to analyze the factors that affects in achievement. Six public schools were selected randomly from all public schools of Syangja district. One set of achievement test was administrated to find out the achievement level of students of selected grade of selected school. And one set of opinionnaire scale was prepared and distributed to the girls students to find out the effect of teaching learning process, home environment, social variable, time variable, school environment and error in problem solving in girls achievement. Unstructured interviews were taken with the mathematics teacher from respective sample school concerning towards these factors. Related literature, mathematical tools which are related to this study have been used to interpret and made reflection over the analyzed information. T- value and  $\chi^2$ -value were used to interpret the result.

This study shows that the achievement of girls students is very low than boys in geometry. The main factors that affects in achievement are male dominate society, less priority given by parents to their daughter than sons, different error made by students in solving geometrical problems, school environment, teaching learning process, drill and practice.

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