

**ATTITUDE OF BLIND STUDENTS TOWARDS MATHEMATICS  
AND ITS RELATIONSHIP WITH THEIR ACHIEVEMENT IN  
LOWER SECONDARY LEVEL AT AMAR SINGH HIGHER  
SECONDARY SCHOOL**

**FOR THE PARTIAL FULFILLMENT OF THE REQUIREMENTS FOR THE  
DEGREE OF MASTER OF EDUCATION**

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**BY**

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Thesis Submitted

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Entitled

**"Attitude of Blind Students Towards Mathematics and its Relationship with their Achievement in Lower Secondary Level at Amar Singh Higher Secondary School"** has been approved in partial fulfillment of requirements for the degree of Master of Education.

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**CERTIFICATE**

This is to certify that Mr. Drona Raj Bhurtyal, student of academic year 2062/2064 with Exam Roll No. 480313, Campus Roll No. 13/062 and T.U. Registration Number 12229-95 has completed his thesis under my supervision during the period prescribed by the rules and regulation of T.U., Nepal. Thesis entitled "**Attitude of Blind students towards Mathematics and its Relationship with their Achievement in Lower Secondary Level at Amar Singh Higher Secondary School**" embodies the result of his investigation conducted during the period of 2010/2011 under the department of mathematics, Prithvi Narayan Campus, Pokhara.

I recommended and forwarded that his thesis be submitted for the evaluation for awarding the Degree in Master of Education in Mathematics.

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**Drona Raj Bhurtyal**

## ABSTRACT

The prime concern of this study is to explore on the topic of **Attitude of Blind Students towards Mathematic and its Relationship with their Achievement in Lower Secondary Level at Amar Singh Higher Secondary School**. For this following objectives were formulated:

- i) To determine the attitude of blind students towards mathematics.
- ii) To compare blind boys' and girls' attitude towards mathematics.
- iii) To compare mathematics achievement of blind boys and blind girls.
- iv) To determine the relationship between attitude and achievement in mathematics.

For the study, the researcher made 53 questions at first. Pilot study was performed by taking students of Shree Janta Dhan Higher Secondary School of Baglung. Only 39 positive statements were selected for the final questionnaire. The attitude scale of students consisted the six area of attitude statements related to:

- i) Mathematics teaching
- ii) Place of mathematics in society
- iii) Teaching materials
- iv) Difficulty of learning
- v) Homework
- vi) Habit of the study of mathematics

To achieve the objectives, 28 blind students of Amar Singh Higher Secondary School of Lower Secondary Level were taken. The attitude of students providing three category of rating scales were: a) agree b) neutral and c) disagree. The rating scores of these scales were 3, 2, 1 in favour of favourable, neutral and unfavourable response. For the students achievement in compulsory mathematics researcher used annual exam report of required students.

The percentage, mean, standard deviation, Z-test and rank correlation test were used as statistical tools for the analysis of data. Based on the analysis and interpretation of the data the following results were found:

- i) Blind students had strong positive attitude towards mathematics.
- ii) There was no significant difference in the attitude of blind boys and blind girls.
- iii) The achievement of blind girls was better than the achievement of blind boys.
- iv) There was no correlation between attitude and achievement.

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