

**ATTITUDE OF STUDENTS TOWARDS PRESENT OPTIONAL MATHEMATICS  
COURSE**

**A**

**THESIS**

**BY**

**MAHENDRA KUMAR BIST**

**IN THE PARTIAL FULFILMENT OF THE REQUIREMENT FOR THE DEGREE OF  
MASTER OF EDUCATION**

**SUBMITTED**

**TO**

**THE DEPARTMENT OF MATHEMATICS EDUCATION**

**CENTRAL DEPARTMENT OF EDUCATION**

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त्रिभुवन विश्वविद्यालय  
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**Letter of Certificate**

This is to certify that **Mr. Mahendra Kumar Bist**, a student of academic year 2072-2073 with Campus Roll No. 200/2072, Exam Roll No 7228319, T.U.Regd.No. 9-2-552-145-2011 and Thesis No 1505 has completed his thesis under supervision of **Mr. Dipak Mainali** during the period prescribed by the rules and regulation of Tribhuvan University, Nepal. The thesis entitled “**Attitude of Students towards Present Optional Mathematics Course**” embodied the result of his investigation conducting the period 2019 at the Department of Education, University Campus, Kirtipur-Kathmandu. I hereby, recommended and forward that his thesis be submitted for the evaluation as the partial requirement to award the Degree of Masters of Education.

Date: Nov.....

(Assoc. Prof. Laxmi Narayan Yadav)

(Head)



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**Recommendation for Acceptance**

This is to certify that Mr.Mahendra Kumar Bist has completed his M. Ed. thesis entitled '**Attitude of Students towards Present Optional Mathematics Course** ' under my supervision during the period prescribed the rules and regulations of Tribhuvan University, Kirtipur, Kathmandu, Nepal. I recommended and forward his thesis to the Department of Mathematics Education to organize final viva-voce.

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(Mr. DipakMainali)

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**Letter of Approval**

This thesis entitled “**Attitude of Students towards Present Optional Mathematics Course**” has been approved in partial fulfillment for requirement of Degree of Masters of Mathematics Education.

**Committee for the Viva-Voce**

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Date: Nov.....

## **Declaration**

This dissertation contains no material which has been accepted for the award of other degree in any institutions. To the best of my knowledge and belief, this thesis contains no material previously published by any authors except due acknowledgement has been made.

.....

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Date: .....

## **Dedication**

Dedicated

To

My respect parents Mr. Man Bahadur Bist&Ratna Devi Bist, my brothers' Narendra Bist,  
Dipendra Bist , my wife Sandhya Dangi(Bist), my lovely son Ayush and Reson.

Whose inspiration, encouragement  
and support lead me where

I am today

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Nov 2019

.....

Mahendra Kumar Bist

## ABSTRACT

The study entitled “**Attitude of Students towards Present Optional Mathematics Course**” aims to find out the attitude of students towards present optional mathematics course and to differentiate boys and girls students towards present optional mathematics with way improving positive attitude of students, in order to fulfill the objective of study. The researcher selected all secondary level students of academic year 2076 of Kailali district as a population. Among them, 80 secondary schools, 30 schools were selected for sample using random sampling method. The data were collected from 237 students and interviews were taken from five optional mathematics teachers to find way of making positive attitude. Survey is the research design of this study. The researcher used the data, questionnaire and interview as a tool to collect data. After the collection data, the researcher analyzed and interpreted the data in the weighted mean, t-test and percentage form and presented them in table.

The findings of the study show that there is positive attitude of students towards present optional mathematics course. There were significant differences between attitude of boys student and girls students towards present optional mathematics course at secondary level. The way of making positive attitude of students towards present optional mathematics course are teaching use daily life activities, give job opportunity, future opportunity, teaching learning connecting with historical evidence, problem based teaching, teaching using discussion method, teaching multi-method and play method. So optional mathematics teachers are teaching to students using daily life activities, using students centered method, discussion method, inductive to deduction method learning connecting historical evidence, play method and future opportunity.



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## **ACRONYMS**

Opt I: Optional first subject

Opt II: Optional second subject

SMGS: Students math gender stereotypes

SATM: Students attitude towards mathematics

SIMS: Second international mathematics study

SES: Social economic status

ATMI: Attitude towards mathematics inventory