# OPINION OF MATHEMATICS TEACHERS AND STUDENTS TOWARDS 

 LETTER GRADING SYSTEMA<br>THESIS<br>BY<br>LILA BAHADUR THAPA MAGAR

FOR THE PARTIAL FULFILMENT OF THE REQUIREMENT FOR THE DEGREE OF MASTER'S OF EDUCATION

SUBMITED

TO
DEPARTMENT OF MATHEMATICS EDUCATION

CENTRAL DEPARTMENT OF EDUCATION

UNIVERSITY CAMPUS

TRIBHUVAN UNIVERSITY
KIRTIPUR, KATHMANDU

NEPAL

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## LETTER OF CERTIFICATE

This is to certify that Mr. Lila Bahadur Thapa Magar, a student of academic year 2070/071 with Campus Roll No: 490, Thesis No. 1237, Exam Roll No: 280443 and T. U. Regd. No. 9-1-43-78-2006 has completed this thesis for the period prescribed by the rules and regulations of Tribhuvan University, Nepal. This thesis entitled 'Opinion of Mathematics Teachers and Students Towards Letter Grading System' has been prepared based on the result of his investigation. I recommend and forward his thesis for the evaluation as the partial requirement to award the degree of Master's of Education.
(Assoc. Prof. Laxmi Narayan Yadav)
Head

Date:

## LETTER OF APPROVAL

Thesis

By

## LILA BAHADUR THAPA MAGAR

entitled 'Opinion of Mathematics Teachers and Students Towards Letter


#### Abstract

Grading System' submitted for partial fulfillment of the requirement for the Degree of Master's in Mathematics Education had been approved.


## Viva-Voce Committee Signature

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Date: 21 July, 2017

## RECOMMENDATION FOR ACCEPTANCE

This is to certify that Mr. Lila Bahadur Thapa Magar has completed his M.Ed. thesis entitled 'Opinion of Mathematics Teachers and Students Towards Letter Grading System' under my supervision during the period prescribed the rules and regulations of Tribhuvan University, Kirtipur, Kathmandu, Nepal. I recommend and forward his thesis to the Department of Mathematics Education to organize final viva-voce.
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Supervisor
Date: 21 July, 2017

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## DEDICATION

This work is affectionately dedicated to my brother Madan Thapa Magar who even in a very difficult situation gave me a great span of his
life for what I am now.

## DECLARATION

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

(Lila Bahadur Thapa Magar)

Date: 21 July, 2017

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#### Abstract

The present study entitled "Opinion of mathematics teachers and students towards letter grading system" is a survey research. The main aim of this study was to find out the opinion of mathematics teachers and students towards letter grading system and to explore the challenges and opportunities to teachers and students of this system.

Firstly the data were collected from the opinionnaire statements for the study. The opinionnaire consisted of understanding, practice, evaluation and effectiveness types of statements. The opinionnaire consisted 43 statements for teacher and 38 statements for students. It was distributed among 25 mathematics teachers and 150 students of 15 government schools of Gorkha district. The researcher has taken interview of 5 students and 3 teachers from the sample.

The collected data from opinionnaire were analyzed by $\chi^{2}-$ test at 0.05 level of significance, weighted mean and histogram with obtained percentage of Likert 5 scale in each statement to find out the opinion of secondary level mathematics teachers and students. The data obtained from interview were analyzed to explore the challenges and opportunities of using LGS and develop the theme. Based on the analysis and interpretation of data, the finding reveals that there was positive opinion of secondary level mathematics teachers and students toward LGS. Most of the Students, teachers and parents have misconceptions, misunderstanding and illusions about LGS due to the lack of knowledge and clear understanding about LGS thus challenge to understand about LGS. Student's dropout rate was decrease in school and week student's were also get level clear certificate. Some students failed in some subject and excellent other subject, LGS provides them an opportunity to higher study.


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Abbreviations<br>A: Agree<br>CDC: Curriculum Development Center<br>D: Disagree<br>FRMS: Fall River Middle School<br>GPA: Grade Point Average<br>LGS: Letter Grading System<br>MoE: Ministry of Education<br>NCDEC: National Curriculum Development and Evaluation Council<br>N : Neutral<br>OS: Opinionnaire Statement<br>PSM: Perceptions of Student Motivation<br>SA: Strongly Agree<br>SD: Strongly Disagree<br>SEE: Secondary Education Examination<br>SLC: School Leaving Certificate<br>TPGP: Teachers Perceptions of Grading Practice<br>TSLC: Technical School Leaving Certificate

