

Causes of Students' Low Performance in Mathematics Learning at Secondary Level

A

THESIS

BY

Dal Bahadur Rokaya

**A THESIS PARTIAL FULFILLMENT OF THE REQUIREMENT
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RECOMMENDATION FOR ACCEPTANCE

This is to certify that Mr. **Dal Bahadur Rokaya** has completed his M. Ed. thesis entitled **“Causes of Students’ Low Performance in Mathematics Learning at Secondary Level”** under my supervision during the period prescribed the rules and regulations of Tribhuvan University, Kirtipur, and Kathmandu, Nepal. I recommend and forward his thesis to the Department of Mathematics Education to organize the final viva-voce.

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Prof. Dr. Bed Raj Acharya

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LETTER OF APPROVAL

Thesis Submitted

By

Dal Bahadur Rokaya

Entitled

“Causes of Students’ Low Performance in Mathematics Learning at Secondary Level”

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

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LETTER OF CERTIFICATE

This is to certify Mr. **Dal Bahadur Rokaya**, a student of the academic year **2018/2019 AD** with thesis number **1714**, Exam Roll No. **7328337**, Campus Roll No. **137**, and T. U Regd. No. **9-2-57-414-2009** has completed his thesis under my supervision during the prescribed by the rules and regulations of T. U Nepal. The thesis entitled “**Causes of Students’ Low Performance in Mathematics Learning at Secondary Level**” embodies the result of his investigation conducted from **2020 to 2021** at the Department of Mathematics Education, University Campus, Tribhuvan University, Kirtipur, and Kathmandu. I recommend and forward that his thesis is submitted for evaluation to award the Degree of Master of Education.

Date:

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DEDICATION

*This thesis is dedicated to my father **Mr. Jokhe Rokay,***

*my mother **MrsKalika Rokaya,** and my wife **Mrs. Janaki Rokaya***

Whose love, support, and encouragement have enriched my soul and inspired me to

Complete this research.

DECLARATION

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

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Dal Bahadur Rokaya

ABSTRACT

This study focuses on the Causes of Students' Low Performance in Mathematics Learning at Secondary Level. This is case study related to affecting factor on the achievement in mathematics. The objectives of this study were to explore the causes that affecting low performing of optional mathematics of students and to explore the strategies for improving performance of optional mathematics of the students. It is case study and qualitative in nature.

This study was conducted with the sample of one school from public selected by purposive sampling. Two guardian, one head teacher and one mathematics teacher and four students through purposive sampling. Direct interview with students, head teacher, math's teacher and parents were taken. Classroom observation was done for two times with different days during teaching learning activities. The collected information from teachers and students were analyzed with the help of theoretical and conceptual framework developed by the researcher.

The finding of study shows that the major findings of the study were as Teachers were capable in academically but they were not using ICT. They were teaching traditionally. Some young teachers were using less ICT. Teachers were not following the modern teaching methods, there was big size classroom but students were sitting tightly. No of boys were more than girls. Benches and desk were not suitable for different level of students. Teacher was focusing only talented student's proper benches and desk were there. Teacher provided too much homework to the students. But teacher did not check regularly. So students were careless about their homework. School had provided hostel facilities but cost was not high. But students were not in hostel because of their poor economical background. There was not any punishment system for teacher who was engaged in politics, not reward system for regular teachers. Unit test and class test were not running according to rules and regulations. Management committee will not look after any exam to begin regularly as not.

Home environment was not good. They had not separate room to study. They used to sit together. They had poor economical background. They used to help their parents in their corn field. So they could not get proper time to study in their home. Most of the parents were engaged in agriculture. Students were not interested in mathematics subject. There was traditional teaching strategy therefore students felt bore in their study. Textbook was referred to the government book which was not suitable and enough for practice. School has allocated

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