

**DIFFICULTIES IN LEARNING MATHEMATICS OF DALIT GIRL STUDENTS  
AT SECONDARY LEVEL**

**A  
THESIS  
BY**

**DIGGAJ DHAURALI**

**FOR THE PARTIAL FULFILLMENT OF THE REQUIREMENT FOR THE  
DEGREE OF MASTER IN MATHEMATICS EDUCATION**

**SUBMITTED TO  
DEPARTMENT OF MATHEMATICS EDUCATION  
CENTRAL DEPARTMENT OF EDUCATION  
UNIVERSITY CAMPUS  
TRIBHUVAN UNIVERSITY  
KIRTIPUR, KATHMANDU**

**2022**

## LETTER OF CERTIFICATE

This is to certify that Mr. Diggaj Dhaurali, a student of academic year **2072/73** with Campus Roll Number **519**, Thesis Number **1541**, Exam Roll Number **7228275** and TU Registration Number **9-2-241-486-2011** has completed this thesis for the period prescribed by the rules and regulations of Tribhuvan University, Kirtipur, Kathmandu, Nepal.

This thesis entitled "**Difficulties in Learning Mathematics of Dalit Girl Students At Secondary Level**" has been prepared based on the results of his investigation. I hereby recommend and forward that his thesis be submitted for the evaluation as the partial requirements to award the degree of Master of Education.

Date: 8 April, 2022

.....  
(Prof. Dr. Bed Raj Acharya)  
Head of the Department



त्रिभुवन विश्वविद्यालय  
शिक्षा शास्त्र केन्द्रीय विभाग

विश्वविद्यालय क्याम्पस  
कीर्तिपुर, काठमाडौं, नेपाल

## गणित शिक्षा विभाग

UNIVERSITY CAMPUS  
Kirtipur, Kathmandu, Nepal

TRIBHUVAN UNIVERSITY  
CENTRAL DEPARTMENT OF EDUCATION  
DEPARTMENT OF MATHEMATICS EDUCATION

पत्र संख्या:-  
Ref.

मिति:  
Date: .....

### LETTER OF APPROVAL

This thesis entitled "**Difficulties in Learning Mathematics of Dalit Girl Students At Secondary Level**" is Submitted by Mr. Diggaj Dhaurali in partial fulfillment of the requirements for the Degree of Master of Education has been approved.

#### Viva-Voce Committee

#### Signature

1 Prof. Dr. Bed Raj Acharya

.....

(Chairman)

2 Prof. Uma Nath Pandey

.....

(External)

3 Mr. Krishna Prasad Adhikari

.....

(Supervisor)

Date: 8 April, 2022



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शिक्षा शास्त्र केन्द्रीय विभाग  
**गणित शिक्षा विभाग**

विश्वविद्यालय क्याम्पस  
कीर्तिपुर, काठमाडौं, नेपाल

UNIVERSITY CAMPUS  
Kirtipur, Kathmandu, Nepal

TRIBHUVAN UNIVERSITY  
CENTRAL DEPARTMENT OF EDUCATION  
**DEPARTMENT OF MATHEMATICS EDUCATION**

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Date: .....

**RECOMMENDATION FOR ACCEPTANCE**

This is to certify that Mr. Diggaj Dhaurali has completed his M.Ed. thesis entitled "**Difficulties in Learning Mathematics of Dalit Girl Students At Secondary Level**" 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.

Date: 8 April, 2022

.....  
Mr. Krishna Prasad Adhikari  
Supervisor

## DECLARATION

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

Date: 8 April, 2022

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Defense Date: 8 April, 2022

**Dedication TO**

To My Respected Parents:

Padam Raj Dhaurali and Radhika Dhaurali

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.....

Diggaj Dhaurali



## ABSTRACT

This is a qualitative research related entitled the difficulties in learning mathematics of Dalit girl students at secondary level. The objectives of this study were to find the areas of difficulties in learning mathematics of Dalit girl students and to find the causes of difficulties faced by Dalit girls students in learning mathematics at secondary level.

This is a qualitative study of case study design. Study was conducted with the sample size of four Dalit girl student of grade X from Shree Achane Secondary School Tripurasundari, Dhading. These students were selected on the basis of purposive sampling. Mathematics achievement test, classroom observation and semi-structured interview were the data collection tools of the study.

Based on reviewed literature and different concepts of theories, data have been analyzed and interpreted to find out the causes of difficulties in learning mathematics. It was found that the prior knowledge, skill of application of formula, teaching strategy, home environment, gender discrimination, and mathematics anxiety affects to learn mathematics. Dalit girl students haven't enough time to do homework and to do more practice due to workload at home. Student centered teaching strategy should be used in teaching learning activities. Individual teaching should be needed to special students for fulfilling the prior knowledge to them. It was seemed to lift up the level of awareness of parents. Parents should provide extra classes to their daughters to improve their learning mathematics. School and local government should launching various scholarship programme and discount in tuition fee of Dalit girl students. Parents also had to manage enough time to study at home without any discrimination between son and daughter.

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