

STUDENT'S ACHIEVEMENT IN MATHEMATICS AT SECONDARY LEVEL

**A
THESIS
BY
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**FOR THE PARTIAL FULFILMENT OF THE REQUIREMENTS FOR THE
DEGREE OF MASTER IN EDUCATION**

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CENTRAL DEPARTMENT OF EDUCATION
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Letter of Certificate

This is to certify that Mr. Deepak Bahadur khadka, a student of academic year 2071-2072 B.S with thesis number 1233 Exam Roll No. 280402, Campus Roll No. 631 and T.U. Regd. No 9-2-605-124-2009 has completed this thesis for the period prescribed by the rules and regulations of Tribhuvan University, Nepal. This thesis entitled **“Student’s Achievement in Mathematics at Secondary level”** has been prepared based on the results of his investigation. I hereby recommend and forward that his thesis submitted for the evaluation as the partial requirements to award the degree of Master of Education.

(Assoc. Prof. Laxmi Narayan Yadav)

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Letter of Approval

This thesis entitled submitted “**Student’s Achievement in Mathematics at Secondary level**” by **Deepak Bahadur Khadka** in Partial fulfillment of the requirement for the Master's Degree in Education has approved.

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Recommendation for Acceptance

This is to certify that Mr. Deepak Bahadur Khadka has completed his M.Ed. thesis entitled **Student's Achievement in Mathematics at Secondary Level** under my supervision during the period prescribed the rules and regulation of Tribhuvan University, Kirtipur, Kathmandu, Nepal. I recommend and forward his thesis to the department of Mathematics Education to organized final vice-voce.

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Date

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DEDICATION

To my Loving Father Govinda Khadka and mother Tara Devi khadka.

Declaration

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

Deepak Bahadur Khadka

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Abstract

The study entitle with “Students Achievement in Mathematics at Secondary Level”. The main objectives of this study were to compare the achievement of boys and girls students of grade X in mathematics and to find the causes of low and high achievement of mathematics in Kailali district of grade X. The design of this study was mixed research design. An achievement test paper and interview was the main instrument for the study. I had developed 20 multiple choice items based on textbook and practise book. This study was conducted total schools with 1500 students in population. In kailali district 6 secondary schools were taken as sample schools for this study by using explanatory sequential method.

Total students were selected from 6 sample schools in grade X. Students of 6 sample school's were 350 students as a sample for achievement test paper in grade X. 36 student's were taken interview by researcher who received low and high marks in achievement test of mathematics. From the test researcher collected the required data for this study. The collected data were analyzed by using mean, standard deviation, variance and one-tailed t-test at the 0.05 level of significance.

It is concluded that this study there was no significance difference between boys and girls achievement in mathematics of grade X in kailali district. The main causes of low and high achievement in mathematics were school environment, economic condition, attitudes towards mathematics, role of parents and teaching learning process. So achievement difference between boys and girls students in mathematics is not depend upon gender but depend upon school environment, economic condition, attitudes towards mathematics , role of parents and teaching learning process.

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