

CAUSES OF LOW ACHIEVEMENT IN MATHEMATICS

**A
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BY
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Letter of Approval**A****Thesis****By****PABAN KUMAR MANDAL****Entitled****CAUSES OF LOW ACHIEVEMENT IN MATHEMATICS**

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

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LETTER OF CERTIFICATE

This is to certify that Mr.Paban Kumar Mandal, a student of academic year 069/070 with Campus Roll No.2075/069, thesis no. 1177, Exam Roll No.281151 (2070),T.U. Regd. No.9-2-227-83-2007 has completed his thesis under my supervision during the period prescribed by the rules and regulations of Tribhuvan University, Nepal. The thesis entitled, “**Causes of Low Achievement in Mathematics**”(A case study in Saptari District) embodies the results of his investigation conducted during the period of 2017 under the Department of Mathematics Education, Central Department of Education, University Campus, Kirtipur, Kathmandu. I recommend and forward that his thesis be submitted for the evaluation for awarding the Degree of Master of Mathematics Education.

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ABSTRACT

This study focuses on the causes of low achievement in mathematics of students in Saptaridistrict. The objectives of the study is to find out the causes of low achievement at grade twelve students in mathematics and to analyze the causes of low achievement in mathematicstaken by the school and the teacher to improve their achievement. It is the case study qualitative descriptive nature. The study was conducted with the sample of eleven students of the grade twelve. The sample was chosen purposively according to the performance in mathematics and different family background of the case school. Direct interview with eleven low achiever students in Mathematics, respective teacher, head teacher, parent, peers group discussion of the case school were taken. The major tools of this study were observation form, interview schedule and document analysis. Classroom observation was done regularly for seven days during the teaching learning activities being participate with mathematics teacher and students. Such collected information were analyzeddescriptively according to the constructivism theory.

This study showed that different causes of low achievement in Mathematics students they were home environment, school environment, interaction with teacher, peer's group discussion, teaching learning process, negative attitude towards mathematics, similarly poor learning cultures, pessimistic parents and peer influences, lack of positive learning attitude and poor facilities, poor management in mathematics, irregularity of students, lack of teaching materials and poor interaction system are the main causes of low achievement In Mathematics which is the conclusion of the study.

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LIST OF ABBREVIATIONS

HSEB : Higher Secondary Education Board

L.B.N.H.S.S. : LaxmiBallavNarsing Higher secondary School

HSL : Higher Secondary Level

SLC : School Leaving Certificate

SL : Secondary Level (Grade 9 to 12)