

**A STUDY ON FACTORS INFLUENCING ON THE
SELECTION OF OPTIONAL MATHEMATICS AT GRADE
NINE STUDENTS OF KASKI DISTRICT**

A THESIS SUBMITTED

BY

SUJAN DHEWAJU

CAMPUS ROLL NO.213/064

T.U. REGD. NO. 5-1-48-3055-2002

EXAM ROLL. NO. 480327

**IN THE PARTIAL FULFILMENT OF THE REQUIREMENTS
FOR THE DEGREE OF MASTER OF EDUCATION**

SUBMITTED TO

TRIBHUVAN UNIVERSITY

PRITHVI NARAYAN CAMPUS

DEPARTMENT OF MATHEMATICS

FACULTY OF EDUCATION

POKHARA

DECEMBER, 2011

SUJAN DHEWAJU

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SUAJAN DHEWAJU

Entitled

**A STUDY ON FACTORS INFLUENCING ON THE SELECTION
OF OPTIONAL MATHEMATICS AT GRADE NINE STUDENT
OF KASKI DISTRICT**

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

Committee for the Viva-Voce

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CERTIFICATE

This is to certify that Mr. Sujan Dhewaju, student enrolled in the university in the academic year 2064/2065 with TU Registration No. 5-1-48-3055-2002 and examination Roll No. 480327 (066) has completed this thesis paper under my supervision during the prescribed period abiding the rules and regulations of T.U. The thesis paper entitled “A STUDY ON FACTORS INFLUENCING ON THE SELECTION OF OPTIONAL MATHEMATICS AT GRADE NINE STUDENT OF KASKI DISTRICT” embodies the results of his investigation conducted during 2010/2011 under the Department of Mathematics, Prithvi Narayan Campus, Pokhara. I recommend and forward this thesis to be submitted for the partial requirements to award the degree of Master of Education in Mathematics.

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ABSTRACT

This study identifies the factors which manipulate the selection of Mathematics by grade IX student as an optional subject in public secondary schools of Pokhara valley of Kaski District. In current years, what has been found that new students select the other subject except mathematics from the inventory of offered optional subjects. What factors influence those students selecting for the mathematics at grade IX in public school? And what is the present enrollment ratio of optional subject at grade IX in public school? These questions were the foundation of this research work.

Data were composed from a case of 60 students from grade IX of public secondary schools of Pokhara valley of Kaski district among them 30 were optional mathematics students and 30 were other optional subjects' students. Questionnaire form and five point Likert scale type of opinionaire were administered as tool for the compilation.-test was used to investigate the statistics from attitude scale. Interview to the head teacher and subject teachers of sampled school was performed by researcher

The result of the study revealed that there was small involvement on optional mathematics in public schools. A main discovery was the first choice of mathematics by students as of their family background and former accomplishment. The majority of student were not conscious for their advance profession. The support and back up of teacher, head teacher, parents was very little for preference of mathematics as optional subject.

ACRONYMS

NNEPC	:	Nepal National Education Plan Commission
ARNEC	:	All Round National Education Commission
NCC	:	National Curriculum Council
HPE	:	Health Population and Environment
NESP	:	Nepal Education System Plan
NEC	:	National Education Commission
HLEC	:	High Level Education Commission
MOE	:	Ministry of Education
SLC	:	School Level Certificate
CDC	:	Curriculum Development Centre
NC	:	National Census
Opt	:	Optional
Math	:	Mathematics
STR	:	Student Teacher Ratio
SSR	:	Student School Ratio
SQF	:	Student Questionnaire Form

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