

**A STUDY ON PROBLEMS FACED BY
SECONDARY LEVEL MATHEMATICS
TEACHERS IN TEACHING MENSURATION
IN KASKI DISTRICT**

FOR THE PARTIAL FULFILLMENT OF THE
REQUIREMENTS FOR THE MASTER DEGREE OF
EDUCATION IN MATHEMATICS

A

THESIS SUBMITTED

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Recommendation Letter

This is certify that Mr. Khadak Raj Adhikari, a student of academic year 061/062 with Campus Roll No: 05/061, symbol No. 480402 and T.U. Regd. No. 9-1-48-1722-98 has completed his thesis under my supervision for the period under the rules and regulation of T.U., Nepal. The thesis entitled "**A Study on Problems Faced by Secondary Level Mathematics Teachers in Teaching Mensuration in Kaski District**" has been prepared during Sept. 2010 to March 2011. I hereby, recommend and forward his thesis to submit for the final evaluation for the partial fulfillment of Master Degree of Education.

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Letter of Acceptance

A Thesis submitted By Khadak Raj Adhikari Entitled, "A Study on Problems Faced by Secondary Level Mathematicss Teachers in Teaching Mensuration in Kaski District." In partial fulfillment of the requirements for the Master's Degree of Education has been approved by the evaluation committee comprising of;

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Khadak Raj Adhikari

Abstract

This study has been carried out to find the problems faced by secondary level mathematics teachers in teaching Mensuration. The researcher prepared questionnaire including various problems faced by the mathematics teachers. The questionnaire was distributed to 20 teachers of Kaski district such that 10 for private school teachers and 10 for public school teachers. The major findings of this study was; problems related to students' various background characteristics, problems due to poor concepts of students, problems related to teaching methods and materials, problems related to curriculum and textbooks, problems related to school administration, problems related to profession of teachers and problems related to students' evaluation

This study comprised five chapters. First chapter deals with introduction of the topic in which general background, historical background, significant of the study, objectives, definition of the terms and delimitation of the study were included. Chapter two deals about the review of related literature. Chapter three deals about methodology. In which research design, sample population, instrument, data collection procedure, scoring procedure and data collection procedure were included. Chapter four covered analysis and interpretation of teachers' responses on various sections using different tables. And the last chapter presented summary, finding, conclusion and recommendation. References and appendices are presented in the final part of this study.

This study was survey type. The researcher himself developed the questionnaire under the guidance of supervisor and piloted with five teachers. After piloted, correlation coefficient of each statement was calculated to test the reliability. For the validity of the questionnaire, it is shown to the supervisor. The questionnaire was the main tools of the

study. The areas of the questionnaire were divided into eight items with one open questionnaire. The areas were students' various background characteristics, poor concepts of students, teaching materials, teaching methods, curriculum and textbooks, school administration, profession of teachers, and students' evaluation. The responses were collected from 20 secondary teachers which were selected from stratified random sampling method. The collected data from the sample school teachers were quantified based on Likert-five point scales. The total score of Likert five point scales is 15 and average score is 3.

The obtained data were analyzed and interpreted by calculating mean weightage. Each statement were studied in terms of the teacher's problems are up to the mean score 3 or not. If the calculated mean weightage is greater than 3 it is concluded that the statement indicates the problems and strongly favorable to the problems. If the calculated mean weightage is equal to 3 or less than 3 it is concluded that the statement does not indicate the teacher's problems.

The finding of the problems was problems due to students' various background characteristics, problems due to poor concepts of students, problems related to teaching methods, problems related to teaching materials, problems related to curriculum and textbooks, problems related to school administration, problems related to profession of teachers and problems related to student evaluation.

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Abbreviation

P.N.	=	Prithvi Narayan
A.D.	=	Anno Domini
M.W.	=	Mean Weightage
B.Ed.	=	Bachelor in Education
B.A.	=	Bachelors in Arts
B.Sc.	=	Bachelors in Science
M.Ed.	=	Masters in Education
M.A.	=	Masters in Arts
M.Sc.	=	Masters in Science
T.U.	=	Tribhuvan University
F.	=	Favorable
U.F.	=	Unfavorable
C.D.C.	=	Curriculum Development Centre
B.C.	=	Before Christ