

**PROBLEMS FACED BY SECONDARY LEVEL MATHEMATICS TEACHERS AND
STUDENTS IN GEOMETRY**

**A
THESIS
BY
SHANKAR PURI**

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LETTER OF APPROVAL

Thesis

By

SHANKAR PURI

Entitled

**“Problems Faced by Secondary Level Mathematics Teachers and Students in
Geometry”**

has been approved in partial fulfillment of the requirements of the Master’s Degree of Education.

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LETTER OF CERTIFICATE

This is to certify that Mr. Shankar Puri a student of academic year 2069/070 with campus Roll No.2246, Thesis No. 1109 Exam Roll No: 281240/2070 and T.U. Registration No: 9-2-301-97-2008 has completed his thesis under my supervision during the period of 2072 Bhadra to 2073 Bhadra. The thesis entitled “PROBLEMS FACED BY SECONDARY LEVEL MATHEMATICS TEACHERS AND STUDENTS IN GEOMETRY” has been prepared based on the result of his investigation. I recommend and forward that his thesis be submitted for the evaluations as the partial requirements to awarding the degree of Master of Education.

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.....

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ABSTRACT

The study is about the 'Problem faced by secondary level mathematics teachers and students in geometry'. The main objectives of the study were to identify the causes of problems behind poor mathematics achievement in school level. By hearing the negative response of students towards geometry while teaching in secondary class and observing poor result in geometry the researcher decided to take a research work carrying to this topic. By taking interview with experts, teachers, guardians, home visit, class observation, and achievement test among about 200 candidates the data were collected. Participants were selected by purposive sampling method.

The data were analyzed by survey design. Responses obtained from class observation and achievement test were analyzed by three point Lickert scale with the help of mean weightage, contents of text books, old documents, teachers, and guardians' responses, physical availability etc. were analyzed by factual description.

From all the above efforts reliable causes of possible problems were noticed. School administration, parents, teachers, publications, students and academic policy of nation all are responsible for the problem. Also regular school observation by RP, standardized government policy, honest administration, motivational evaluation of teachers and students and constructive encouragement etc. can be the possible remedial measures to decrease the problems.

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LIST OF ABBREVIATIONS

AAUW	Association of American University for Women
B. A.	Bachelor's in Art
B. Ed.	Bachelor's in Education
M. A.	Master's in Art
M. Ed.	Master's in Education
NESP	National Education System Plan
OALD	Oxford Advanced Learner's Dictionary
TU	Tribhuvan University
USA	United States of America
UNRISD	United Nations Research Institute of Social development
CDC	Curriculum Development Center
MDG	Millennium Development Goal
INGO	International Government Office
DEO	District Education Office
RP	Resource Person