

**SITUATION ANALYSIS OF USING INSTRUCTIONAL PLAN
IN TEACHING MATHEMATICS AT SECONDARY LEVEL**

A

THESIS

BY

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LETTER OF CERTIFICATE

This is to certify that **Mr. Tulsi Ram Aryal**, a student of academic year 2067/2068 with campus Roll No.2532, Thesis No.874, Exam Roll No. 281646 (2069) and T.U. Reg. No. 9-1-50-962-2002 has completed his thesis under my supervision during the period prescribed by the rules and regulations of the Tribhuvan University, Nepal. The thesis entitled "**Situation Analysis of Using Instructional Plan in Teaching Mathematics at Secondary Level**" has been prepared based on the result of his investigation conducted during the period prescribed by the Department of Mathematics Education, Tribhuvan University, University Campus, Kirtipur, Kathmandu. I hereby recommend and forward that his thesis is to be submitted for the evaluation as the partial requirement to award the degree of Master of Education.

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LETTER OF APPROVAL

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Tulsi Ram Aryal

ABSTRACT

This study focuses on the analysis of situation of using instructional plan in teaching mathematics at secondary level. The objectives of this study are to explain the opinion of secondary level math teacher's about instructional plan and use of it, to examine the situation of school about using instructional plan in teaching mathematics as secondary level to explain the cause of not using instructional plan in teaching mathematics. This study is qualitative research and interpretative in nature. This is a case study which is interpretive in nature where use of instructional plan in teaching mathematics is case for this research. The researcher selected 10 mathematics students, 10 mathematics teachers, 10 head teachers and 10 chairpersons out of 40 respondents. These students were taken from Rupendehi district. For this study, the respondents were selected by convenience sampling methods. Students, head-teacher and chairperson were selected as respondents to the researcher's convenience. The primary data were obtained by opinionnaire, observation and in depth interview with mathematics teachers, mathematics students, head teacher and chairperson. The collected information was categorized to category of the respondents according to defied research variables in the conceptual understanding of the research. The translation between the respondents views theoretical enhance and the information obtained by observation were implemented.

In this study, it was found that majority of the mathematics teacher did not prepare and use instructional plan in teaching mathematics at secondary level. Moreover, the major factors influencing school environment were availability of physical facilities, role of school management committee, the rules and regulation of the school, availability material and math lab for creating good school environment for using instructional plan in teaching mathematics at secondary level. The

researcher found that overload to the teachers, role of management committee, qualification of teachers, teacher training and poor school supervision are the prime causes of not using instructional plan whereas teachers' satisfaction towards job and teacher's thoughts and beliefs are also major causes of not using instructional plan.

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ABBREVIATIONS

Dr.	–	Doctor
FOE	–	Faculty of Education
Math	–	Mathematics
MOE	–	Ministry of Education
Prof.	–	Professor
T. U.	–	Tribhuvan University
www	–	World Wide Web