

**PROFESSIONAL DEVELOPMENT OF SECONDARY LEVEL
MATHEMATICS TEACHERS**

**A
THESIS
BY
THAKUR PRASAD LAMICHHANE**

**FOR THE PARTIAL FULFILLMENT OF THE REQUIREMENTS
FOR DEGREE OF MASTER OF EDUCATION**

**SUBMITTED TO
DEPARTMENT OF MATHEMATICS EDUCATION
CENTRAL DEPARTMENT OF EDUCATION
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Letter of Certificate

This is to certify that Mr. Thakur Prasad Lamichhane, student of academic year 2066/2067 with exam Roll No 281433 Campus Roll No. T.U. Reg . 28790-88 and thesis no 1123 has completed her thesis under my supervision, during the period prescribed by the rules and regulation of Tribhuvan University, Nepal. The thesis entitled “Professional Development of Secondary Level Mathematics teachers” embodies the result of his investigation conducting the period of prescribed by the rules of Tribhuvan University, Nepal at the Department of Mathematics Education, University Campus, Kirtipur, Kathmandu. I hereby, recommend and forward that his thesis be submitted for the evaluation as partial requirement to award the Degree of Master of Education.

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Letter of Approval

A

Thesis

By

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Entitled

“Professional Development of Secondary Level Mathematics Teachers has been approved in partial fulfillment of requirements for the Degree of Master of Education.

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.....**Thakur Prasad Lamichhane**

ABSTRACT

The major focus of this study was to investigate the professional development of secondary level mathematics teacher. This study has addressed the question: What are the qualities that make secondary level mathematics teacher really professional? What are the motivating factors for professional development of secondary level mathematics teachers?

To answer these research questions I selected the qualitative design with case study approach. The study site is Gorkha district. I use purposive sampling technique to select the participants. Interview guideline with teacher supervisors and resources person was the main tool of this study. Five mathematics teachers, two supervisors and two resources person were the sample of this study. I analyzed the information by using different theories to produce the information and draw conclusion on the study. From the analysis of the data it was found that respect and devotion, academic qualification, Punctuality, teachers as learner, teacher as a problem solver were the qualities of professional mathematics teachers. In the same way the motivating factors for professional development of mathematics teachers were: provisions of promotion, opportunity of grade and incentive salary, avoid the political influence, providing reward and appreciation, applying appropriate methods, materials and technology. So the teachers need to acquire these motivating factors to develop their professional skills.

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