### CAUSES OF LOW ENROLLMENT OF GIRLS STUDENT IN OPTIONAL

#### MATHEMATICS AT SECONDARY LEVEL IN PARSA DISTRICT

A

#### THESIS

BY

#### **BRIJKISHOR PRASAD YADAV**

# FOR THE PARTIAL FULFILLMENT OF THE REQUIREMENTS

### FOR THE DEGREE OF MASTER IN EDUCATION

**SUBMITTED** 

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त्रिभुवन विश्वविद्यालय शिक्षा शास्त्र केन्द्रीय विभाग

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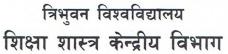
This is to certify that **Mr. Brijkishor Prasad Yadav** a student of academic year 2070/2071 BS with Campus Roll No. 49, Thesis Number 1285 T.U. Registration No.9-2-3131-2008 and Examination Symbol No. 280392 has completed his thesis under supervision of Dr. Bedraj Acharya during period prescribed by the rules and regulations of Tribhuvan University, Nepal and the thesis entitled **'' Causes of Low Enrollment of Students in Mathematics Education''** embodies the result of his investigation conducted during the period 2017 under the Department of Mathematics Education, University Campus, Kirtipur, Kathmandu. I recommend and forward that his thesis be submitted for the evaluation as a partial fulfillment for the Degree of Master's of Education.

.....

(Assoc. Prof. Laxmi Narayan Yadav)

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#### LETTER OF APPROVAL

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Thesis

By

#### **Brijkishor Prasad Yadav**

Entitled

#### "Causes of low Enrollment of Girls students in Optional Mathematics"

has been approved in partial fulfillment of the requirements of Degree of Master of

Education

Signature

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#### **RECOMMENDATION FOR ACCEPTANCE**

This is to certify that Mr. Brijkishor Prasad Yadav has his Mathematics Thesis entitled " Causes of Low Enrollment of Girls Students in Optional Mathematics " under my supervision during the period prescribed the rules and regulation of Tribhuvan University, Kirtipur, Kathmandu, Nepal. I recommended and forward thesis to Department of Mathematics Education to organize final viva-vice.

.....

Assoc. Prof. Dr.Bed Raj Acharya

(Supervisor)

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### ACRONYMS

| F. G .D | : | Focus Group Discussion       |  |
|---------|---|------------------------------|--|
| H.M     | : | Head master                  |  |
| S.L.C   | : | School Leaving Certificate   |  |
| S.M. C  | : | School Management Committee  |  |
| T.U     | : | Tribhuvan University         |  |
| Z.P.D   | : | Zone of Proximal Development |  |

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Brijkishor Prasad Yadav

#### ABSTRACT

The study entitled "Causes of Low Enrollment of Girls Students in Optional Mathematics" is a case of study that attempts to indentify the causes of low enrollment of girls students in optional mathematics at secondary level. The main objective of this study was to analyze the causes of low enrollment of girls students in optional mathematics and to explore the remedial ways of low enrollment of girls students in optional mathematics. The study was qualitative design in case study approach. Shree Babulal Hansbahini Secondary School was the study site of my study. 15 students were taken as key respondent and purposive sampling methods was using for collecting the data. To achieve the objective interview, focus group discussion and classroom observation were used as research tools.

Firstly, I visited the sample school, consult with Head teacher, subject teacher of the school , clarify them about the objective of the study and took permission for classroom observation , interview and focus group discussion. After that studied previous research deeply and linked the collected data with theories by triangulation way. From the analysis of data it was found that teaching without contextualization, rote learning, fearful environment of classroom, lack of confidence and practices without understanding were the main causes of low enrollment of students in optional mathematics. And further it was found that the ways to minimize low enrollment were: Making teaching learning activities interesting and lively, understand the mathematical concept rather than memorizing, making our mathematics education culturally relevant and contextualized.

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