

**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  
TO  
DEPARTMENT OF MATHEMATICS EDUCATION  
CENTRAL DEPARTMENT OF EDUCATION  
UNIVERSITY CAMPUS  
TRIBHUVAN UNIVERSITY  
KIRTIPUR , KATHMANDU**

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त्रिभुवन विश्वविद्यालय  
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**LETTER OF CERTIFICATE**

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)

Head

Date: .....



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**LETTER OF APPROVAL**

A

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

**Committee of the viva-voice**

**Signature**

Assoc. Prof. Laxmi Narayan Yadav

.....

(Chairman )

Prof. Dr. Bishnu Dhungana

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Assoc. Prof. Dr. Bed Raj Acharya

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(Supervisor)

Date: .....



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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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## DECLARATION

This declaration contain no materials which has accepted for the award of the other items in any instructions. To the base of knowledge and belief this declaration contains ; no materials published by any authors expect due to acknowledgement had been made.

.....

Brijkishor Prasad Yadav

Date: .....

**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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Finally, I would like to thanks all members of my family for their support and enthusiasm to bring me in this stage of higher education and to complete the thesis.

.....  
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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