# ATTITUDE OF TENTH GRADE STUDENTS TOWARDS GEOMETRY : A Study of Dharan Resource Centre

A reaserch report submitted to the Department of Curriculum and Evaluation in partial fulfillment of Masters Degree in Education

> Submitted by Santosh Roy Tribhuwan University Faculty of Education, Curriculum and Evaluation Department Janata Multiple Campus, Itahari, Sunsari May 2014

# ATTITUDE OF TENTH GRADE STUDENTS TOWARDS GEOMETRY : A Study of Dharan Resource Centre

A reaserch report submitted to the Department of Curriculum and Evaluation in partial fulfillment of Masters Degree in Education

> Submitted by Santosh Roy Tribhuwan University Faculty of Education, Curriculum and Evaluation Department Janata Multiple Campus, Itahari, Sunsari May 2014

Roll No.: 2180050/065	Date of Submissin of Thesis : 24-02-2014 (2071-1-4)
T.U. Reg. No. 40497-91	Date of Viva : 25-05-2014 (2071-2-11)

# Tribhuwan University Janata Multiple Campus Department of Curriculum and Evaluation Itahari, Sunsari

#### RECOMMENDATION

This thesis entitled "Attitude of tenth grade students towards geometry: A Study of Dharan Resource Centre" has been completed by Santosh Roy under my guidance and supervision. This is out-come of his own intensive and independent research work and had been prepared in the forms as required by the faculty.

I recommend this thesis for approval to the evaluation committee.

.....

Mr. Shantiram Dahal (Thesis Guide)

#### Acknowledgement

I would like to express thanks, sincere appreciation and gratitude towards Santiram Dahal lecturer of Janata Multiple college, Itahari for his guidance, encouragement, co-operation and valuable suggestions for planning, preparation and edition of this study.

Also, I would like to express thanks to my guide Mr. Santiram Dahal and Mr. Tolnath Kafle, head of the department of Curriculum Education, Janata Multiple college for his kind co-operation, suggestions and continued encouragement during the period of completion of this dissertation.

Heartly thanks and expressed to all the headmasters, teachers and X grade students selected in the sample for their sincere help in completion of this research work.

I shall ever remain indebted and thankful to who expertly typed this thesis with their utmost care.

Finally, but certainly not the least, I wish to thank all of my friends and wellwishers whose names are inadvertently remained to come here.

Santosh Roy

### **Table of Contents**

Title Page	ii
Recommendation	iii
Acknowledgement	iv

	CHAPTER-ONE	1-8
	INTRODUCTION	1
1.1 Background of the study		1

1.2 Statement of the problem	3
1.3 Objectives of the study	4
1.4 Significance of the study	4
1.5 Research hypothesis	5
1.6 Delimitation of the study	5
1.7 Definition of Terms used	6

CHAPTER-Two	9-15
<b>REVIEW OF RELATED LITERATURE</b>	9

<b>CHAPTER - Three</b>	16-22
METHODOLOGY	16
3.1 Population	16
3.2 Sample of the Study	16
3.2.1 District Selection	16
3.2.2 Resource centre selection	16
3.2.3 School and student selection	16
3.3 Tools or Instruments	17
3.3.1 Attitude Scale	17
3.3.2 Student Bio-data Form	19
3.3.3 Validations of tools	19
3.4 Data collection Procedure	20
3.5 Scoring Procedure	20
3.6 Statistical Techniques Use	22

CHAPTER - 4	23-35
ANALYSIS AND INTERPRETATION	23
4.1 Comparison of Boys and Girls Attitude towards Geometry	23
4.1.1 Studying Habits	25
4.1.2 Enjoyment in Doing Homework	25
4.1.3 Interest in Studying Textbook	26
4.1.4 Liking Instructional Materials	26
4.1.5 Familiarity with the Importance	27
4.2 Comparison of Urban and Rural Schools' Students Attitude Towards Geometry	27
4.2.1 Studying Habits	28
4.2.2 Enjoyment in Doing Homework	29
4.2.3 Interest in Studying Textbook	30
4.2.4 Liking Instructional Materials	30
4.2.5 Familiarity with the Importance	31
4.3 Comparison of Private and Government School Students' Attitude Geometry	Towards 31
4.3.1 Studying Habits	32
4.3.2 Enjoyment in Doing Homework	33
4.3.3 Interest in Studying Textbook	33
4.3.4 Liking Instructional materials	34
4.3.5 Familiarity with the Importance	35

CHAPTER : 5	36-40
SUMMARY WITH FINDINGS, CONCLUSIONS & RECOMMENDATION	IS 36
5.1 Summary with Findings	36
5.1.1 Summary	36
5.1.2 Findings of the Study	37
5.2 Conclusions	38
5.3 Suggestions and Recommendations	38
5.4 Suggestions for the Further Research	39
References	41-42
Appendix	43-49

### List of Tables

	I	Page No.
Table No. 1	Area of Students' Attitude and Number of Statements	18
Table No. 2	Sample Item of 'Attitude Scale'	19
Table No. 3	Rating Scale for Positive Statement	21
Table No. 4	Rating Scale for Negative Statement	21
Table No. 5	Comparison of Students' Attitude Scores by Sex	24
Table No.6	Comparison of Students' Attitude Score by Status of the School	ols 28
Table No. 7	Comparison of Students' Attitude Score by Status of the School	ols 32