OMPARATIVE STUDY OF EFFECTIVENESS OF THE RODITIONAL AND MULTIMEDIA APPROACH TO TEACHING OF EDUCATIONAL PSYCHOLOGY ON PRE-SERVICE TEACHER TRAINEES ACHIEVEMENT AND ATTITUDE



DISSETATION

Require nentitie die Degree

MASTER OF EDUCATION

((R.S.E.)) SESSION 2003-2009

SARKATULLAY UNIVERSITY, BHOPAL

200

9

Supervisor Dr. M.U. Pailly Roccer in Education Roccer in Education Roccer in Education Roccer in Education

REGIONAL INS NITHTE OF EDUCATION National Council of Educational Research & Train Stands, Ills, Stopal (M.F.) COMPARATIVE STUDY OF EFFECTIVENESS OF THE TRADITIONAL AND MULTIMEDIA APPROACH TO **TEACHING OF EDUCATIONAL PSYCHOLOGY ON PRE-SERVICE TEACHER TRAINEES ACHIEVEMENT AND ATTITUDE**



D-272

DISSERTATION

A

Submitted in Partial Fulfillment of the

Requirement for the Degree

of

MASTER OF EDUCATION (R.I.E.)

SESSION 2008-2009

TO

BARKATULLAH UNIVERSITY, BHOPAL

Supervisor : Dr.M.U. Paily Submitted by : Sonal Trivedi M.Ed. (R.I.E.) 、

Reader in Education R.I.E., Bhopal

> **REGIONAL INSTITUTE OF EDUCATION** National Council of Educational Research & Training Shamla Hills, Bhopal (M.P.)

DECLARATION

I do hereby declare that this study entitled "Comparative Study of the Effectiveness of Traditional and Multimedia Approach to Teaching of Educational Psychology on Pre-service Teacher Trainees' Achievement and Attitude" has been undertaken by me in partial fulfillment of the requirement for the Degree Of Master of Education.

I have completed this piece of research work under the guidance of **Dr. M. U. Paily,** Reader in Education, Regional Institute of Education, Bhopal.

I further declare that this dissertation has not been submitted earlier by me or others for any degree either in the Barkatullah University or any other university

Place : Bhopal Date : 34 - 4 - 09

Mrs. Sonal Trivedi M.Ed. R.I.E. Bhopal

CERTIFICATE

This is to certify that **Mrs. Sonal Trivedi** a Student of M.Ed. Course in the year 2008-2009 of Regional Institute of Education, Bhopal has worked under my supervision and guidance for her dissertation "Comparative study of the effectiveness of traditional and multimedia approach to teaching of Educational psychology on pre-service teacher trainees' achievement, and attitude."I further certify that this work is original and worthy of presentation in partial fulfillment of the requirement of degree of Master of Education of Barkatullah University Bhopal (M.P.)

Dr. Mr.U. Pailv

Reader in Education Regional Institute of Education, Bhopal

Place : Bhopal Date : 24-4-07

ACKNOWLEDGEMENT

On the first and Foremost position it gives great pleasure to me to express my deepest gratitude to my supervisor **Dr. M.U. Paily**, Reader, Department of Education, R.I.E. Bhopal whose support and encouragement led me to plan and complete the present study. I thank him for valuable advice, continuous help and inspiring guidance in completion of the study.

I also express my indebtness to honorable **Prof. Anand Bihari Saxena**, Principal, R.I.E. **Dr. S.K. Goyal**, Head of the Education Department, R.I.E., Bhopal for providing enough learning facilities and guidance.

I extent my gratitude to **Dr. U.L. Narayana**, Incharge of M.Ed. R.I.E. Bhopal. Whose intellectual suggestion and creative mind helped me to complete this work successfully.

My sincere regards to **Dr. Suniti Khare** Madam and all the Faculty members of educational Department, R.I.E. Bhopal.

I am thankful to the library staff of the R.I.E. Bhopal for extending the library facilities during my research.

I also thank my all classmates. Who remained as a source of inspiration to me at all the time, without whom I could not get accelerated time to time for completion of this work.

I am also thankful to the heads of the respective departments of science. Regional College for extending their kind support in the collection of data.

Last but not least I own my sincere gratitude to my parents, my husband, my son **Kushagra Trivedi** and other family members for being perennial source of inspiration to me.

Place : Bhopal Date : २५-५-०९

Å

Mrs. Sonal Trivedi M.Ed. R.I.E. Bhopal

III

CONTENTS

Chapter	Pg.No.
List of Tables	VIĮ
List of Contents	IV.
Acknowledgement	III
Certificate	Π
Declaration	I

I.	INTRODUCTION	1-16
1.1	Teachers, Teaching and Educational Pcychology	1
1.2	Need and Importance of the Study	9
1.3	Statement of the Problem	10
1.4	Operational Definition of the Variables	11
	1.4.1 Variables of the Study	11
1.5	Objectives of the Study	15
1.6	Hypothesis	16
1.7	The Limitations.	16
п.	REVIEW OF RELATED LITERATURE	17-25

2.1	Introduction	17
2.2	Purpose of the Review	17
2.3	Reviews	, 18
2.4	Summary	25

ш	METHODOLOGY	26-37
3.1	Introduction	26
3.2	Research Design	26
3.3	Sample	27

-

3.4	Data Gathering Tools	28
	3.4.1 Intelligence Test	28
	3.4.2 Rotter's Locus of Control Scale	31
	3.4.3 Attitude Test	31
	3.4.4 Achievement Test	33
	3.4.5 Retention Test	35
3.5	Data Gathering Procedure	35
3.6	Statistics Used	36
	3.6.1 Statistical Procedure Employed	37
IV.	ANALYSIS AND INTERPRETATION OF DATA	38-44
4.1	Introduction	38
4.2	Analysis of Hypothesis	39
	4.2.1 Results Pertaining to Influence of Teaching Method	39
	4.2.2 Results Pertaining to the Relative Retentions Level	42
	4.2.3 Results Pertaining to Locus of Control	43
v.	SUMMARY, CONCLUSION AND SUGGESTION	45-54
5.1	Introduction	45
5.2	Statement of the Problem	46
5.3	Objectives of the Study	47
5.4	Hypothesis	47
5.5	Variables	48
5.6	Sample	48
5.7	Design of the Study	49
5.8	Procedure of Data Collection	49
5.9	Data Gathering Tools	50
5.10	Statistical Techniques Used	52
5.11	The Limitations V	52

5.12	Major Findings of the Study	52
5.13	Conclusions of the Study	53
5.14	Suggestions for Further Research.	54

55-56

ς.

BIBLIOGRAPHY

APPENDIX

- A. Lesson Plans (Traditional Approach)
- B. Lesson Plans (Multimedia Approach)
- C. Locus of Control Scale
- D. Attitude Test
- E. Achievement Test
- F. Retention Test.

LIST OF TABLES

Table No.		Pg.No.
3.1	Schedule of Data collection	36
4.1	Analysis of the mean Achievement score of the students	40
4.2	Analysis of the mean Attitude score of the students	41
4.3	Analysis of the mean Achievement score of the Retention Test	42
4.4	Analysis of mean Achievement score between students of External and Internal Locus of control	43
4.5	Analysis of mean Attitude score between students of External and Internal Locus of control	44