STUDY OF ACADEMIC ACHIEVEMENT IN RELATION TO SELF-EFFICACY AMONG CLASS XII STUDENTS STUDYING VOCATIONAL SUBJECT

A Dissertation Submitted

To

Barkatullah University, Bhopal

In partial fulfilment of the requirement for the degree of

MASTER OF EDUCATION (NCERT)

Session: 2021-2023



Supervisor
Dr. Saurabh Kumar
Assistant Professor in Education

Researcher Ms Norin Khan M.Ed (RIE)

REGIONAL INSTITUTE OF EDUCATION BHOPAL
(NATIONAL COUNCIL OF EDUCATIONAL RESEARCH & TRAINING)

SHYAMLA HILLS, BHOPAL-462013

(NAAC Accredited A⁺⁺ Grade Institute)

DECLARATION

This declaration on topic, Study of academic achievement in relation to self- efficacy among

class XII students studying vocational subject is a presentation of my original research work.

Whenever contribution on others is involved, every effort is made to indicate this clearly,

with due reference to the literature, and acknowledgement. I assert the statements made and

drawn are an outcome of my dissertation work.

This work was done under the guidance of Dr Saurabh Kumar Assistant Professor

Department of Education, Regional Institute of Education, NCERT, Bhopal, M.P I also

declare that the research work done by me is original. This dissertation has not been

submitted by me for the award of any degree or diploma in any university.

I further declare that the result presented in the study and the considerations made there in

contribute in general to the advancement in understanding educational interventions.

Date: NORIN KHAN

Place: Bhopal M. Ed (RIE)

ii

CERTIFICATE

This is to certify that the content of this dissertation entitled Study of academic achievement

in relation to self-efficacy among class XII students studying vocational subject, Bhopal is

the original research work of Ms Norin Khan, M. Ed. (Session 2021-2023) and carried out

under my supervision at Regional Institute of Education, NCERT, Bhopal for the partial

fulfillment of degree of Master of Education of Barkatullah University Bhopal.

It is her genuine work and I consider it worthy of submission for the award of the degree.

I further certify that the work has not been submitted either partly or fully to any other

university or institution for the award of any degree.

Place – Bhopal **Dr Saurabh Kumar**

Assistant professor

RIE, Bhopal.

iii

ACKNOWLEDGEMENT

I would like to express my deep sense of gratitude and admiration to my guide Dr Saurabh

Kumar Assistant Professor, R.I.E., Bhopal, for his constant encouragement. Kind support and

invaluable guidance to carry out the work presented in this dissertation. He has been a great

driving force and inspiration for me throughout the dissertation work.

I am indebted to Prof. Jaydeep Mandal, Principal of RIE Bhopal for providing enough

learning facilities and educational environment in the campus.

I am highly thankful to Prof. Ramesh Babu, Dr. N.C. Ojha, Dr Sanjay Pandagley, Prof. I.B.

Chughtai, Prof. Ratnalamala Arya as well as other faculty members of R.I.E. for their advice

and help for successful completion of the dissertation.

I am heartily thankful to the students of class XII studying vocational subject for their

cooperation and support during the data collection.

I deeply appreciate the help of my friend Ms Ayushi Pathak, Ms Shubhrata Dhurvey, Mr

Umesh Chandrawanshi, and all my classmates as well as all those who helped me directly or

indirectly for their support and constant help in completing this dissertation.

Place- Bhopal

Ms Norin Khan

Date:

M.Ed (RIE) Bhopal

iν

TABLE OF THE CONTENT					
CHAPTER NO.	SR.NO.	TITLE	PAGE NO.		
	INTRODUCTION				
Chapter –I	1.0	Introduction	01		
	1.1	Self-efficacy	02		
	1.2	Importance of self-efficacy	02		
	1.3	Sources of self-efficacy	03		
	1.4	Self-efficacy theory of motivation	04		
	1.5	Academic achievement	05		
	1.6	Relationship between self-efficacy & academic achievement	06		
	1.7	Relationship between past performance & self-efficacy	07		
	1.8	Delimitations of the study	07		
	1.9	Need of the study	07		
	1.10	Objectives	08		
	1.11	Hypothesis	08		
Chapter-II	REVIEW OF THE RELATED LITERATURE				
	2.0	Historical Background of self-efficacy	09		
	2.1	Studies in India	10		
	2.2	Studies in Abroad	12		
	2.3	Conclusion	14		
Chapter-III	RESEARCH METHODOLOGY				
	3.0	Introduction	15		
	3.1	Research Design	16		
	3.2	Research Method	16		
	3.3	Population selection of research method	16		
	3.4	Sampling Frame	16		
	3.5	Sample	17		
	3.6	Tool Used	17		
	3.6.1	Reliability	18		
	3.6.2	Validity	18		
	3.7	Description of tool	18		
	3.8	Scoring	19		
	3.9	Qualitative interpretation	19		
	3.10	Procedure of data collection	20		
	3.11	Statistical Techniques	20		
Chapter-IV	DATA ANALYSIS AND INTERPRETATION				
	4.0	Introduction	21		
	4.1	Analysis and interpretation	22		

Chapter-V	SUM	MARY, FINDINGS & SUGGESTIONS	PAGE NO.
	5.0	Introduction	29
	5.1	Summary of the study	29
	5.2	Findings of the present study	29
	5.3	Education Implication of the study	30
	5.4	Suggestions for the further study	31
		REFERENCES	<u>'</u>
		APPENDIX	

LIST OF TABLES				
Sr. no.	Table no.	Table name	Page no.	
1	3.5	Sample of the students	17	
2	3.7	Division of the items	18	
3	3.8.1	Scoring system	19	
4	3.8.2	Scoring table	19	
5	3.9	Qualitative interpretation of scores of self-efficacy	20	
6	4.1	Showing mean & SD of boy &girl students of class XII studying vocational subject	22	
7	4.2	Percentage of boy and girl students of class XII studying vocational subjects in high, average and low self – efficacy category	23	
8	4.3	Showing mean and SD of academic achievement boy and girl students of class XII studying vocational subject	24	
9	4.4	Percentage of boy and girl students of class XII studying vocational subjects in high, average and low academic achievement category	25	
10	4.5	Showing the mean and SD of self-efficacy and academic achievement of boy and girl students of class XII studying vocational subject	27	
11	4.6	Showing the coefficient of correlation between self— efficacy and academic achievement of boy and girl students studying vocational subject	28	

LIST OF THE FIGURE Sr. no. Figure No. Title Page no. Mean score of self – efficacy of boy and girl 23 students of class xii studying vocational subject 4.1 1 Bar diagram showing mean score of self-efficacy of 24 boy and girl students of class xii studying vocational 4.2 2 subject Bar diagram showing mean score of academic 25 achievement of boy and girl of class xii students 4.3 studying vocational subject 3 Bar diagram showing percentage of academic 26 achievement of boy and girl students of class xii 4.4 studying vocational subject 4 Line chart showing the coefficient of correlation 28 between the self-efficacy and academic achievement 4.6 of boy and girl students of class xii studying 5 vocational subject