**Department of Economics** 

Mahatma Gandhi School of Economics and Commerce

ASSAM UNIVERSITY, SILCHAR

(A Central University Constituted under Act XIII, 1989)

Silchar- 788011, Assam, India

**DECLARATION** 

I, Promila Das bearing Registration No. Ph.D./1641/2011, dated 21/09/2011, hereby

declare that the subject matter of the thesis entitled "MOTHER'S EMPOWERMENT

AND ITS IMPACT ON CHILDREN'S EDUCATION: A STUDY OF RURAL AND

URBAN AREAS OF KARIMGANJ DISTRICT.", is the record of work done by me

and that the contents of this thesis did not form the basis for award of any degree to

me or to anybody else to the best of my knowledge. The thesis has not been submitted

in any other University/Institute.

Place: Silchar

Date:

(Promila Das)

(ii)

#### **ACKNOWLEDGEMENTS**

I would like to express my deep gratitude and deepest regards to my esteemed supervisor, Dr. Sumanash Dutta, Professor in Economics, Assam University, Silchar, for his generous cooperation, amicable behavior, valuable time, suggestions, constant encouragement and showing hope at every moment during the course of present work. It was all due to his kindness and support that the present work could be taken up and completed successfully. I will remain ever indebted to him.

I wish to express my sincere gratitude to Prof. Niranjan Roy, HOD, Department of Economics and Dean, Mahatma Gandhi School of Economics and Commerce, Prof. Alok Sen, Department of Economics, Prof. M. A. Ansari, Department of Economics, Assam University, Dr. Avijit Debnath, Assistant Prof., Department of Economics, Dr. Shubrabharan Das, Prof. Department of Economics, Tripura University, Mrs. Sagarika Dey, Assistant Prof., Department of Economics, Dr. Manash Roy, Assistant Prof., Department of Economics, and all other teachers of the Department of Economics, Assam University, Silchar, for their valuable advice and suggestions till the accomplishment of the goal.

I express my confound sense of gratitude to office staff of all the RD blocks of Karimganj district for allowing me to access data on Mother's Empowerment and their children's education and for their valuable suggestions. I owe my indebtedness to the District statistical officer for his valuable information during the collection of secondary data. I express my sincere thanks to the Ward Members of the urban areas of the district for rendering necessary information, assistance and cooperation during primary data collection. I wish to pass on my sincere thanks to all the panchayat secretaries and members who assisted me during primary data collection. Finally I

also value in great measure the cooperation extended by the respondents who spare their time and answer the questions with patience.

I wish to pass on my sincere thanks to all the scholars of Assam University as well as scholars of Worldwide whose valuable works have been consulted and drawn upon during the entire study period. The blessings of information technology are highly acknowledged through which much information, data and study materials were gathered. No height is ever achieved without some sacrifice made at some end and it is here where I owe a special debt to my family, especially to my mother Mrs. Prativa Das, father Mr. Satyendra Das and brother Subrata Das for tolerating my single minded schedule and still showing their generous love throughout this period of time. I wish to render my immense gratitude especially to my father Mr. Satyendra Das for his moral and financial support throughout my entire academic career.

I cannot in full measure, reciprocate the kindness shown and contribution made by various persons specially Monalisa Das and Manish Roy in this endeavor. I am thankful to all my friends for their valuable suggestions and constructive criticisms made wherever necessary. I shall remember them with gratitude.

The present work is the fruit of inspirational support of a large number of individuals, specially, respondents and institutions. I am equally grateful to all the editors, publishers and copyright holders of different sources cited here from where I have drawn materials.

Last but not least I convey my gratitude to all the well wishers of my locality in Karimganj those who have actively supported me. I am thankful to God Almighty for all the blessings showered on me.

### Promila Das

# Preface

In India, since long back, women were considered as an oppressed section of the society and they were neglected for centuries. Gender disparities occur in different spheres of society. They occur in Education, work force participation, economic and in political spheres. To remove gender disparity from society women empowerment is an important tool. Empowerment has become the key solution to many social problems like high population growth rates, environment degradation, and low status of women. "Power" is the key word of the term "Empowerment" which means 'control over material assets, intellectual resources, and ideology. The status and empowerment of women is a domain that still has not been explored intensely in interior and isolated places like Barak valley. In Karimgani District of Barak Valley also the socioeconomic position of women is still very low. Keeping this in view, the present study seeks to investigate the overall status of women in the District by measuring the empowerment level of them. Since the role of women in children's educational attainments is also a well researched area of study, the study also seeks to investigate the impact of women empowerment on their children's educational attainment.

The present study is arranged and demonstrated in six different chapters. General introduction of the study is elucidated in Chapter-1. In this chapter, numerous important issues associated with women empowerment in Indian context are first discussed. Relevant statistics relating to women empowerment in developing countries and the role of education in empowering women are also briefly discussed. The discussions take into account the present scenario of women in India. Issues related to statement of the problem, the necessity scope and importance of the study is

discussed. The objectives and research questions of the present study are explained. The purpose of this section is to present a comprehensive view of the basic ground and necessities of the women empowerment.

Chapter-2 of the thesis presents review of literature under two broad categories. The first deals with different aspect of women empowerment. The second kind of reviews is on the impact of mother's empowerment on different aspect especially in children's education. Finally a discussion on the research gap of the previous studies is outlined. Chapter-3 presents the socio-economic profile of women and children's education in Assam and collection of secondary data are expressed in detail. Finally the background (profile) of the study area (Karimganj District) is presented.

Chapter-4 chapter presents conceptual framework and methodology of the study. Conceptual framework is developed on the basis of different studies on different aspects of women empowerment and keeping in mind the requirements and objectives of the present study. In methodology portion, the variables and the models used in the study are briefly discussed.

Chapter-5 relates to the analysis and the interpretation of the primary data collected through household survey. Broadly, the study uses the five methods of analysis. The first is the analysis of the survey outcomes using the descriptive statistics, tables and diagrams. Secondly, the Principal component Analysis is done to determine the mother's empowerment level in Karimganj District. In the third method of analysis, econometric technique like the OLS regression model is estimated and in the fourth method of analysis, small sample t- test and correlation coefficient is calculated and tested for statistical significance and in finally multinomial logistic regression is estimated.

Chapter-6 relates to the summary of the whole thesis, important findings, conclusion and the recommendations for the study.

It is hoped that the thesis will be of considerable help to socio-economic planners and policy makers of the region. This thesis is the first of its kind on 'Mother's empowerment and Its impact on Children's Education: A Study of rural and Urban Areas of Karimganj district.' Thus all researchers and scholars working on similar problems both in this region as well as in the rest of the country would find this thesis helpful. No study can be considered as sufficient and this is applicable for this research as well. It is thus hoped that readers would find the study useful and would contribute positively towards its improvement through further studies either in this region or in the rest of India.

## LIST OF TABLES

SI No.	Table No.	Titles	Page No.
1	3.1	Population Share in Assam	86
2	3.2	Literacy Rate in Assam and India since 1951 to 2011	87
3	3.3	Workforce Participation in Assam	91
4	3.4	Enrolment in different Categories of Schools in India (Total)	97
5	3.5	Enrolment in different Categories of Schools in Assam (Total)	98
6	3.6	Enrollment in different Categories of Schools in Barak Valley (Total)	98
7	3.7	Enrolment in different Categories of Schools in Karimganj (Total)	99
8	3.8	Enrolment in different Categories of Schools in India (Urban)	100
9	3.9	Enrolment in different Categories of Schools in Assam (Urban)	101
10	3.10	Enrolment in different Categories of Schools in Barak Valley (Urban)	102
11	3.11	Enrolment in different Categories of Schools in Karimganj (Urban)	102
12	3.12	Enrolment in different Categories of Schools in India (Rural)	103
13	3.13	Enrolment in different Categories of Schools in Assam (Rural)	104
14	3.14	Enrolment in different Categories of Schools in Barak Valley (Rural)	105
15	3.15	Enrolment in different Categories of Schools in Karimganj (Rural)	105
16	3.16	Teachers in Primary Schools in Assam and India	106
17	3.17	Teachers in Primary Schools in Barak Valley and Karimganj	107
18	3.18	Percentage of Teachers including both full time and part time Teachers in Primary Schools in Barak Valley and Karimganj	109
19	3.19	Teachers in Upper Primary Schools in Assam and India	110
20	3.20	Teachers in Upper Primary Schools in Barak Valley and Karimganj	111
21	3.21	Percentage of Teachers including both full time and part time Teachers in Upper Primary Schools in Barak Valley and Karimganj	112
22	3.22	Teachers in Secondary Schools in Assam and India	113
23	3.23	Teachers in Secondary Schools in Barak Valley and Karimganj	114

24	3.24	Percentage of Teachers including both full time and part time Teachers in Secondary Schools in Barak Valley and Karimganj	115
25	3.25	Teachers in Higher Secondary Schools in Assam and India	117
26	3.26	Teachers in Higher Secondary Schools in Barak Valley and Karimganj	118
27	3.27	Percentage of Teachers including both full time and part time Teachers in Higher Secondary Schools in Barak Valley and Karimganj	118
28	3.28	Population Share in 2001 in Karimganj	121
29	3.29	Population Share in 2011 in Karimganj	121
30	3.30	Literacy Rate in Karimganj	122
31	3.31	Workforce Participation in Karimganj	124
32	3.32	Number of Educational Institutions in Karimganj	125
33	3.33	Number of Teachers in different types of Educational Institution in Karimganj	125
34	3.34	Number of Enrolment of Students in different Educational Institution in Karimganj	127
35	5.1	Rural-Urban Distribution of Sample Households	161
36	5.2	Distribution of Sample Households on the basis of Religion and Caste (Urban)	163
37	5.3	Distribution of Sample Households on the basis of Religion and Caste (Rural)	165
38	5.4	Socio-Demography Characteristics of the Sample Households (Rural)	167
39	5.5	Socio-Demography Characteristics of the Sample Households (Urban)	168
40	5.6	Economic Characteristics of the Sample Households (Rural)	169
41	5.7	Economic Characteristics of the Sample Households (Urban)	171
42	5.8	Percentage of Households having access to Sanitation	172
43	5.9	Percentage of Households having Access to Electricity	173
44	5.10	Percentage distribution of Sample Households on the Basis of their Source of Drinking Water	174
45	5.11	Distribution of Sample Households according to Possession of Number of Assets	175
46	5.12	Distribution of Sample Households according to Average Number of rooms	176
47	5.13	KMO and Bartlett's Test	177
48	5.14	Factor Analysis Results of Mother's Decision Making Power within Family	177

49	5.15	KMO and Bartlett's Test	179
50	5.16	Factor Analysis Results of Mother's Freedom of Mobility	179
51	5.17	KMO and Bartlett's Test	181
52	5.18	Factor Analysis Results of Political Participation of Mother	181
53	5.19	KMO and Bartlett's Test	183
54	5.20	Factor Analysis Results of Mother's Decision Regarding Control Over Economic Resources	183
55	5.21	KMO and Bartlett's Test	185
56	5.22	Factor Analysis Results of Husband's Relation With Wife	185
57	5.23	KMO and Bartlett's Test	187
58	5.24	Factor Analysis Results of Mother's Willingness for Change	187
59	5.25	Descriptive Statistics of Selected Variables N=250	191
60	5.26	Regression Results of the Factors Affecting Mother's Empowerment.	191
61	5.27	KMO and Bartlett's Test	193
62	5.28	Factor Analysis Results of Mother's Decision Regarding Male Children's Education	193
63	5.29	KMO and Bartlett's Test	194
64	5.30	Factor Analysis Results of Mother's Decision Regarding Female Children's Education	195
65	5.31	Result of t test	199
66	5.32	Age-wise Average education of Children and Average Mother's Empowerment	201
67	5.33	Correlations between Male Children Average Education and Average Mother's Empowerment	202
68	5.34	Correlations between Female Children Average Education and Average Mother's Empowerment	202
69	5.35	Correlations between Average Mother's Empowerment and Mean Difference in Education of Children	203
70	5.36	Multinomial Logistic Regression Result	205
71	5.37	Result of t test for rural areas	210
72	5.38	Result of t test for urban areas	212

## LIST OF FIGURES

SI No.	Figure No.	Titles	Page No.
1	5a	Caste-wise Distribution of Sample Households in Urban Areas	164
2	5b	Caste-wise Distribution of Sample Households in Rural Areas	165
3	5c	Caste-wise distribution of Sample Households	166
4	5d	Percentage of Households having access to Sanitation in Rural Areas	172
5	5e	Percentage of Households having access to Sanitation in Urban Areas	173

### **ABBREVIATIONS & ACRONYMS**

ACFS/CRM Accompany Children for Schools/Colleges related matter

AFI Annual Family Income

AME Average Mother's Empowerment

ASEC Attend the Speeches of Election Contestants

BDHS Bangladesh Demographic And Health Survey

BTC Bodoland Territorial Council C/F/VF Cinema/Festival/Village Fair

CATRY Category

CBMHEOC Choice Between Marriage and Higher education of Children

CEI Cumulative Empowerment Index

CFI Financial Contribution in The Family Income

COEFPDN Control on Expenditure for Purchasing Daily Necessities

CVIE Caste Vote in Election

CWOCFU Control the Wastage of Commodities for Use

DHS Demographic and Health Surveys

DPOLPF Discuss the Problems of Local People at any Forum

E/EOC Educational and other Expenses on Children

EI Empowerment Index

EIF Empowerment Index For Freedom In Decision Making For House

Related Work Outside

EIH Empowerment Index For Decision Making In Household Matters

ELMPS Egyptian Labour market Panel Survey
FCAEDU Female children Average Education

FDTDE Family Day to Day Expenditure

FHC Family Health Care

FHCIE Feel Herself Contesting in Election

FPS Family Planning Services

FS Family Size
FT Family Type

GDI Gender Development Index
GEM Gender Empowerment Measure

GOH Going Outside of Home

HAWHW Husband Appreciates Wife's Household Work HAWTGOH Husband Allows Wife To Go Outside Home

HDWWP Husband Deals With Wife Politely

HEDNFW Higher Education is Necessary For Women

HEDU Contribution Of Husband's Education

HEOC Higher Education Of Children

HGITWO Husband Gives Importance to Wife Opinion

HHHW Husband Helps in Household Work

HHWC Husband Helps With Childcare HIWM Husband Ignore Wife Mistakes

HLWW Husband Living With Wife

HOCCU Husband's Occupation

HOR/HOF Home of Relatives/Home of Friends
HRWP Husband Respects Wife's Parents

HRWWI Husband's Cooperation With Wife Index (Husband's Relation with wife)

HSC Household Condition

HSC Household Economic And Cultural Condition Represented By An

Estimated Latent Variable

HSHWWW Husband Should Share The Household Work With His Wife

HSPWW Husband Shares the Problem with Wife

HTCOW Husband Takes Care of Wife

HTW Husband Trust Wife

ICDAW International Convention in all forms of Discrimination Against Women

ICPD International Conference on Population and Development

INF Achievement Of Awareness Through Information

JOW Job of Women

KMO Kaiser-Meyer-Olkin

LHC/LDC Local Health Center/Local Doctor Clinic

LISREL Linear Structural Relationship

LMFP Mother's mobility to Local Market for Purchases

MA Mother's Age

MBPA Mother's Have Bank Or Post Office Account

MCAEDU Male Children Average Education
MDGs Millennium Development Goals

MDICEDU Mean Difference in Children Educcation

MDMPRCEI Mother's Decision Making Power Regarding Children's Education

Index

MDMPRFC Mother's Decision Making Power Regarding Female Children's

EI Education Index

MDMPRMC Mother's Decision Making Power Regarding Male Children's Education

EI Index

MDMPWFI Mother's Decision Making Power Within Family Index

MDRCOERI Mother's Decision Regarding Control Over Economic Resources Index

MEDU Mother's Education in Years
MEI Mother Empowerment Index

MFOMI Mother's Freedom of Movement Index (Mobility of Mother)

MFOs Microfinance Organizations

MHSS Matlab Health and Socio-economic Survey

MIMIC Multiple Indicator Multiple Cause
MLHP Making Large Household Purchases

MOC Marriage of Children

MPPI Mother's Political Participation Index
MRHP Making Routine Household Purchases

MWCD Ministry of Women and Child Development

MWFCI Mother's Willingness for Change Index

MYI Mother's Yearly Income

NFHS National Family Health Survey NGOs A non-governmental organization

NHDR National Human Development Report

NLSCY National Longitudinal Survey of Children and Youth

NPC National Productivity Council
OC/OV Other City or Other Villages

OECD-DAC The Organisation for Economic Co-operation and Development's-

**Development Assistance Committee** 

OLS Ordinary Least Square

PCMA Purchasing Clothes and Makeup Articles

PDF Purchasing Daily Food

PGFR Purchasing Gifts for Relatives

PICP Participate in Cultural Programmes

PIMOWO Participate in the Meetings of Women Organizations

PIRP Participate in Religious Programmes
PJ/B/S Purchasing Jewelry/Bonds/Shares

POL Purchase of Land

POM Property Owned by Mother

POR Place of Residence

PPMC Pearson Product Moment Correlation

PRIs Panchayati Raj Institutions

PSID Panel study of Income Dynamics

PSLM Living Standards Measurement Survey

REDU Respondent's Education Level
RHS Routine Household Spending

RLGN Religion

ROCCU Respondent Occupation
S/EOL Sale or Exchange of Land

SEM Structural Equation Modeling

SHG Self Help Group

SOCOSOC Selection of Course of Study of Children SOS/SOCFC Selection of Schools/Colleges for Children

SPI Spending Personal Income SWB Subjective Well Being

SWCEOP Should Women Contest Election? (own Opinion)

SWEA Self employed Women's Association

UACPS Update herself About Changing Political Situation

UNDP United Nations Development Programme

UNICEF United Nations International Children's Emergency Fund,

VCOOC Vote To Candidate Of Own Choice

VPH Visiting Parental Home

WATGFJ Women Should Be Allowed To Go For Job Out Side Their Home

WLS Wisconsin Longitudinal Survey

WRSLAW Women Have A Right To Spend Their Life According To Their Will

WTJWO Women Should Be Allowed To Join Women Associations Or

Organizations

## **CONTENTS**

		PAGE NO.
Title Pa	age .	i
<b>Declaration By The Candidate</b>		ii
Certific	ate From The Supervisor	Iii
Acknov	vledgment	iv-v
Preface		vi-viii
List Of		ix-xi
List Of		xii 
Abbrev	iations & Acronyms	xiii-xvi
CHAPT	TER – I	1-41
GENEF	RAL INTRODUCTION	
1.1	Empowerment: The Concept	2-4
1.2	Different Forms of Women Empowerment	4-11
1.3	Empowerment and the Third Millennium Development Goal: A New Way to Interpretation	11-13
1.4	MDGs in Terms of its Indicators	13-17
1.5	Education and Empowerment	17
1.5.1	Benefits and Returns of Education	17-19
1.5.2	The Private- Social Distinction	19-20
1.5.3	Micro versus Macro Approach	20-21
1.5.4	Private and Social Benefits of Education	21-22
1.5.5	Mother's Education and Mother's Empowerment	22-25
1.5.6	Role of Parents in Enhancing Educational Attainments of Children	25-26
1.5.7	Intergenerational Transmission of Education	26-27
1.6	Statement of the Problem	27-33
1.7	Status of Women in Barak Valley	33-36
1.8	Objectives of the Study	36
1.9	Research Questions	36-37
1.10	Importance and significance of the Study	37-39
1.11	Limitations of the Study	39-40
1 12	Thesis Chanters	40-41

CHAPT REVIE	TER-II W OF LITERATURE	42-83
2.1	Reviews on Women Empowerment	42-75
2.2	Reviews on Impact of Mother's Empowerment on different aspects of children's development specially children's Education	76-83
2.3	Research Gap	83
SOCIO	TER-III -ECONOMIC PROFILE OF WOMEN AND CHILDREN'S ATION IN ASSAM	84-128
3.1	Socio-Economic Profile of women in Assam	84-85
3.1.1	Population Share of Women in Assam	85-86
3.1.2	Education of Women in Assam and India	87-89
3.1.3	Employment and Earnings of Women in Assam	89
3.1.4	Workforce Participation of Women in Assam	90-91
3.1.5	Decision Making of women in Assam	92-93
3.1.6	Gender-role attitudes in Assam	93
3.1.7	Domestic Violence in Assam	93
3.1.8	Spousal violence in Assam	93-94
3.2	Women Empowerment: A comparative analysis between Assam and India	94-96
3.3	Children's Education in India and Assam	96-119
3.4	Background of the Study Area (Karimganj District)	119-120
3.4.1	Socio-economic Profile of Women in Karimganj	120
3.4.1.1	Population Share of Women in Karimagnj	120-121
3.4.1.2	Circle-wise population share in Karimganj	121
3.4.1.3	Education of Women in Karimganj	121-122
3.4.1.4	Workforce participation of women in Karimganj	122-124
3.4.2	Education in Karimganj	124-127
3.4.3	Health Infrastructure in Karimaganj	127
3.4.4	Block/Town wise Government Hospitals, Dispensaries and PHC's in Karimganj	127-128

CHAPT	TER-IV	129-159
CONC	EPTUAL FRAMEWORK AND METHODOLOGY	
4.1	Conceptual Framework	129
4.1.1	Meaning Of Mother Empowerment	129-132
4.1.2	Issues in Measuring Empowerment	132-136
4.1.3	Dimensions of Women Empowerment	136-139
4.1.4	Education and Mother's Empowerment	139-143
4.1.5	Educational Status of Women in India	143-144
4.1.6	Women Education and Intergenerational Transmission	144-145
4.2	Methodology	145-146
4.2.1	Sample	146
4.2.2	Data	146
4.2.3	Data Analysis Techniques	146-147
4.2.4	The Variables and the Models	147
4.2.4.1	Definition of the Variables	147-150
4.2.4.2	Principal Component Analysis	150-153
4.2.4.3	Regression Analysis	153-154
4.2.4.4	Mother's Decision Making Power Regarding Children Education Index (MDMPRCEDUI)	154
4.3.4.5	t test for small sample	154-156
4.2.4,6	Correlation Co-efficient	156
4.2.4.7	Multinomial Logistic Regression	157-159
СНАРТ	ΓER-V	160-213
DATA	ANALYSIS, RESULTS AND DISCUSSION	
5.1	Sample Households and their Characteristics	160
5.1.1	General Characteristics of the Sample Units	160-168
5.1.2	Economic Characteristics of the Sample Units (Rural)	169
5.1.3	Economic Characteristics of the Sample Units (Urban))	170-171
5.1.4	Percentage of Households having access to Sanitation	171-173
5.1.5	Percentage of Households having Access to Electricity	173
5.1.6	Percentage distribution of Sample Households on the Basis of their Sources of Drinking Water	174
5.1.7	Distribution of Sample Households according to Their Possession of Number of Assets	174-175
5.1.8	Distribution of Sample Households according to their Average of Number of rooms	175-176

Mother's Empowerment Level: Principal Component Analysis	176
Application of PCA to construct the indices of differ component of Mother's Empowerment and to find the Relat Weights of the Selected Indicators of mothers' empowerm regarding different components of empowerment in Karimg District of Assam	ive ent
Regression Analysis to identify factors affecting Mothe Empowerment Level	er's 189-190
5.3.1 Results and Interpretation of Results	190-192
Mother's Decision Making Power Regarding Children Education Index	ion 192-196
5.5 t test result with analysis	196-199
Relationship between Mother's Empowerment Level and General differential in children's educational attainments	der 200-203
5.7 Multinomial Logistic Regression Analysis	203-207
5.8 Comparative Analysis of rural—urban scenario of mothe empowerment and children's education in Karimganj district	er's 207-208
5.8.1 Analysis of rural scenario of mother's empowerment a children's education in Karimganj district	and 208-210
Analysis of Urban scenario of mother's empowerment a children's education of Karimganj district	and 210-213
5.9 Research Questions	213
CHAPTER-VI SUMMARY, CONCLUSIONS AND RECOMMENDATIONS	214-237
6.1 Summary	214-221
6.2 Important Findings	222-231
6.3 Conclusion	231-232
6.4 Recommendations	232-237
BIBLIOGRAPHY	238-256
APPENDIX	257-265
A. The Field Survey Schedule	
B. Presentation of Research Paper in Seminars and Conferences/Participation in Workshops	263-264
C. Publications	265