DEPARTMENT OF COMMERCE

Mahatma Gandhi School of Economics & Commerce

Assam University, Diphu campus

(A CENTRAL UNIVERSITY CONSTITUTED UNDER ACT XIII, 1989

Diphu-782462, Assam, India

DECLARATION

I, Bidyut Bikash Baishya, bearing Registration Number Ph.D./1462/2011,dated-

18.04.2011 hereby declare that the subject matter of the thesis entitled, "An

Assessment of the Workings of Employees' State Insurance Corporation (ESIC)

with special Reference to Assam Region" is the record of the work done by me for

the Degree of Doctor of Philosophy in Commerce. I further declare that this thesis has

not been previously submitted elsewhere for any other degree or diploma. Due

acknowledgements have been made wherever anything has been referred to or cited in

the proposal.

Place: **Diphu**

(BIDYUT BIKASH BAISHYA)

Date:

ACKNOWLEDGEMENT

The generous co-operation and blessings of many has contributed to the success and completion of my thesis. First of all, I would like to express my reverence and heartfelt gratitude to my supervisior Dr. Ratan Borman Associate professor, Department of Commerce, Mahatma Gandhi School of Economics and Commerce, Assam University, Diphu Campus, for this valuable suggestions and encouragement that resulted in finishing my study. It is my luck that my supervisior has spent valuable time with me and discussed the topic with its nook and corner. His faith in me encouraged me to finish the task. It has been my privilege and pleasure to work under his expert supervision. I would also like to take the opportunity of acknowledge my deep sense of gratitude to Prof.A.Bhowal, Dr.A.I.Chanu, Dr.S.Dutta, Ms. S Das, Mahatma Gandhi School of Economics and Commerce, Assam University, Diphu Campus, Prof. N.B. Dey, Dean, Mahatma Gandhi School of Economics & Commerce, Assam University for their incessant encouragement and inspiration to pursue the academic work of high standard. My special thanks to Mr. Dipanjan Chakraborty & Dr. Uttam Baruah, Department of Commerce, Darrang College, Tezpur, Mr. A.K. Choudhury, Mrs. Namita Das, Dr. Ira Das, Dr. Makibur Rahman and other colleagues of Pragjyotish College, Guwahati, Mr. Balin Rajbongshi of Anand Academy, Guwahati, for their incessant encouragement, inspiration and help to pursue the academic work of high standard.

I will be failing in my duty if I do not thank the various authors whom I have consulted for my various literature studies. Their studies enabled me to undertake the present research work. My sincere thanks are also due to the authorities of Library of Tezpur University, Assam University, Krishna Kanta Handique Library, Gauhati University, Dr. Zakir Hussain Library, Jamia Millia Islamia, New Delhi, Indian

Institution of Public Administration (IIPA) Library, New Delhi, Pran Krishna Parija Library, Utkal University, Bhubaneswar, Indian Statistical Institute (ISI), Tezpur ,Central Library, NEHU, Shillong, Omeo Kumar Das Institute of Social Change and Development, Guwahati, NEDFi Library, Dispur, Guwahati, for extending their full co-operation by making available the material required for laying the foundation of the study. I also thank all the respondents (the insured persons & the employers), who spend valuable time to supply necessary information in response to my questionnaire. I would also like to thank all the official staff of the ESIC Regional Office, Guwahati for supplying me the secondary data and providing necessary information in due time. Without their co-operation it would not be possible to finish this task. I am also thankful to my friends who offered encouragement and courage during the progress of the work.

No words can adequately express my gratitude to my family. I would like to express my heartfelt thanks to my wife Sangita Deka Baishya, for having unconditional faith on me and my work. She has always been a constant source of inspiration and impetus for me. I am also thankful to my daughter Chaista Kayshyap for her naughty and stupid activities to relax me out of tension during the course of work. I feel deep sense of gratitude for my parents and my in-laws, who have well-supported and stood beside me while pursuing the study. I also thank my brothers, sisters, sisters- in –law, brothers-in -law, and my relatives for their invaluable help and support in this project. Despite all of this able assistance, I accept full responsibility for any flaws in the content of present research work. I have been jot to craft it, and I hope that it will help to advance the field of social security measure in the form of "Health Insurance".

DATE:

(BIDYUT BIKASH BAISHYA)

PREFACE

Every human being of a society needs some sort of protection against providential mishaps over which common masses has no control. This protection is provided through proper organization. In western countries, the State and employers both generally provide it to the individual workers and such the term 'Social security' has come to be associated with them. Thus, social security is the security, which the society especially the state and the employers furnish through appropriate organizations to the individual members of the society who are exposed to certain risk. Among this risk the most important is the risk of medical emergencies. But the social security for medical emergencies is not so prominent to the Indian ethos till date. In India, only 3% of population is covered by some form of health insurance, either social or private. This indicates inequalities in healthcare industry. These groups of people necessitate the provision of health insurance, although their capacities to pay insurance premiums are very low. The Indian health insurance scenario is a mix of mandatory Social health Insurance (SHI), Voluntary Private Health Insurance and Community-Based Health Insurance (CBHI). The Social Health Insurance (SHI) is based on income-determined contributions from mandatory memberships. The existing mandatory health insurance scheme in India is - Employees' State insurance Scheme (ESIS) and Central Government Health Scheme (CGHS). Employees' State Insurance Scheme of India is a multidimensional social system tailored to provide socio-economic protection to worker population and their dependents covered under the scheme. The ESI Scheme, engineered to suit health insurance requirements of employees, provides full medical care to insured persons and their dependents, as well as, cash benefits to compensate for loss of wages or of earning capacity in different contingencies. The administration of the ESI Scheme as per the ESI Act has been entrusted to the Employees' State Insurance (ESI) Corporation. However, the Corporation has not given so much of regard for the quality of services and benefits provided to the insured persons and their dependents under the scheme. The study attempt to assess the perceptions of the insured persons and employers both in factory and establishments as well as some formal aspects of the working of the ESI Corporation and offer some suggestions for the proper and

suitable implementation of the scheme on the basis of the findings of the study. However, the focus of the study is on the insured persons. The study is primarily a descriptive and analytical. The study is undertaken on the functioning of ESIC in Assam Region. In Assam there are altogether **85102** insured persons (as on 31-03-2013) under ESIC. Of these, a sample of 382 has been selected randomly consist of factory organisation and other establishments. The study covers a period of 10 years i.e., from 2001-2002 to 2009-2010, because it was during this period that substantial amendments is being made in the ESI Act. This study consists of seven chapters. The first chapter highlights the introduction, concept of HDI, health indicators, social security, health services, health economics, health insurance scheme, need for the study, statement of the problem and objectives of the study. The second chapter consists of reviews of the related literature on earlier studies in abroad, India and Assam. The third chapter addresses the methodology and design used in the study. It deals with sampling frames, the hypothesis, data collection, procedure and method of data analysis. The fourth chapter is concerned with assessing the workings of various types of machinery of the Corporation for the administration of the ESI scheme. The fifth chapter analyses the effectiveness of the benefits provided by the ESI Corporation under the ESI Scheme. The sixth chapter deals with the various sources and application of funds of the Corporation during reference period. The last chapter sums up the findings of the study and offers necessary suggestions for the improvement in the working of the ESI Corporation.

It is hoped that the present study will emerge to inculcate and promote the services (more specifically, the health insurance services) of the corporation within the state of Assam. This will be useful to address the different aspects relating to administration, effectiveness, finance, machinery etc. of the corporation. Besides, academics, consultants, and government agencies may use the findings for conducting further research. The findings may also be considered as important additions to enrich the existing knowledge and literature in the arena of ESIC.

Date:

CONTENTS

	Page No.
Preface	i-ii
Acknowledgement	iii-iv
Chapter Contents	V-X
List of Tables	xi-xiii
List of Figures	xiv
List of abbreviations	xv-xvi
Chapter 1: INTRODUCTION & OVERVIEW	1-39
Introduction	1
<u>Human Development Index</u> (HDI)	1-2
"Health" as an Indicator of HDI	3-4
Health (life expectancy) as the Significant Indicators for 2011	4-5
Social Security, Health Benefits & Health Insurance	7-12
The Indian Scenario of Health Insurance:	12-13
Employees' State Insurance (ESI) Scheme	13-14
Coverage of the ESI Scheme	14
Coverage of Establishments	15-17
Coverage of Employees	17-18
Wage Ceiling for Coverage	19
Employees' State Insurance Corporation	20-21
Organizational Set-up of ESIC	21-23
Finance	24
Extension of ESI Scheme to new Sectors of Employment	24-25

	Provision of Social Security for workers in the unorganized sector	25
	Amendments in the ESI Act, 2010	26-27
	A Glance of ESIC	27
	The ESI Scheme in North-East Region	28-30
	The ESI Scheme in Assam	30-31
	The Problem Statement	31-33
	Need of the Present Study	34
	Scope of the Study	34-35
	Conclusion	35
Re	ferences	36-39
CH	IAPTER- 2: LITERATURE REVIEW	40-72
	Introduction	40
	International Level	40-45
	National Level	46-62
	State Level	63-65
	Gap in Existing literature	66
	Conclusion	66
Re	ferences	67-72
CE	IAPTER-3: RESEARCH METHODOLGY	73-88
	Introduction	73
	Objective of the study	73-74
	Hypothesis	74-75
	Variables Used for the Study	75-76
	Sampling Frame and Sample	77-81
	Distribution of Samples	81-83

Survey Instrument used	84
Data Collection	84-85
Data Analysis and Interpretation	85-86
Significance of the Study	86
Limitation of the Study	87
Conclusion	87
References	88
CHAPTER 4: WORKING OF THE MACHINERY	
OF THE EMPLOYEES' STATE INSURANCE CORPORATION	89-127
Introduction	89
Inspectorates	90-94
Revenue Recovery Machinery	95-100
Employees' Insurance (EI) Court	100-110
Grievances Redress Cell	119
Medical Benefit Council	120-121
Regional Boards	122-123
Local Committees	123-124
Observations	124-125
Conclusion	126
References	127
CHAPTER- 5: EFFECTIVENESS OF THE EMPLOYEES' STATE INSURANCE BENEFITS	128-179
Introduction	128
The Employees' State Insurance Benefits	128-131
Types of Benefits	131-134

	Cash Benefits	134-137
	Other Benefits	137
	Effectiveness of Service Delivery	138-141
	Level of Satisfaction in the Information Disseminate(IPs)	142
	Level of Satisfaction in the Information Disseminate(Employers)	143
	Knowledge about the formalities for claiming the benefits	144-146
	Quality of Medical Benefits	146-150
	Level of Satisfaction in the services (Dispensaries)	150-156
	IPs taking treatment in ESI Hospital	156-158
	Level of Satisfaction in the services (Hospital)	158-165
	IPs wish to continue in the Scheme (After retirement)	166-167
	Cash Benefits	167-172
	Level of Satisfaction in the amount of cash benefits	172-175
	Delays in disbursing cash benefits	175-177
	Conclusion	178
Re	ferences	179
	HAPTER 6: FUND MANAGEMENT OF THE EMPLOYEES' STA SURANCE CORPORATION	ATE 180-204
	Introduction	180
	Meaning of Funds	180-181
	Fund management of the ESI Corporation	181-183
	Sources of Revenue Fund	184-185
	Contribution	185-186
	Interest & Dividend	186-187
	Other Income	187

Comparison of Contribution, Interest & Dividend & Other Income	188
Total Income in Assam and India	188-189
Trends of Growth of the Total Income	190-191
Utilizations of Funds	191-192
Expenditures on Medical benefits	193
Expenditure on Cash benefits	193-194
Medical benefits & Cash benefits Expenditure	194-195
Expenditure on Administration	195-196
Total Expenditure in Assam & India	196-197
Trends of Growth of the Total Expenditures	197-198
Surplus/Deficit	198-199
Investment & Reserve Fund	199-201
Return on Reserve Fund Investment	201-203
Conclusion	203
References	204
CHAPTER 7: FINDINGS & SUGGESTIONS	205-244
Introduction	205-207
Problem Statement	208
Objective of the Study	209
Hypothesis	209-211
Methodology & Sampling	211-212
Scope & Limitation	212-213
Major Findings	213-234
Observation	234-237
Recommendations	237-242

Outcome of the study	242
Directions for Future Research	242-243
Conclusion	243
References	244
BIBLIOGRAPHY	xvii-xxix
APPENDICES	
Appendix I: Interview Schedule for Insured Persons	xxx-xxxiv
Appendix II: Interview Schedule for Employers	xxxv-xxxvi
Appendix III: Calculation	xxxvii-xxxviii
Appendix IV: Certificate of BBAY Award	

Appendix V: Published Research Papers

LIST OF FIGURES

Sl.	Fig.	Particulars	Page No.
No.	No.		
1	6.1	Sources of funds of the ESIC in Assam Region from 2001-2010	185
2	6.2	Comparison of Contribution, Interest & Dividend and Other	188
		Incomes	
3	6.3.i	Trend of Growth of Total Income in Assam of the ESIC	190
4	6.3.ii	Trend of Growth of Total Income in India of the ESIC	190
5	6.4	Utilizations of the Funds of the ESIC in Assam	192
6	6.5	Expenditures on Medical Benefits & Cash Benefits	195
7	6.6	Trend of Growth of Total Expenditure of ESIC in Assam	197
8	6.7	Trend of Growth of Total Expenditure of ESIC in India	198
9	6.8	Surplus and Deficit of the ESIC in Assam	199
10	6.9	Pattern of Investment of the Reserve Fund of ESIC in India	201
11	6.10	Return on Reserve Fund Investment of the ESIC	202

LIST OF TABLES

Sl. No.	Table No.	Particulars	Page No.
1.	1.1	Status of Human Development Index, Assam	6
2.	1.2	Organisational Chart of ESIC	23
3.	1.3	A Glance of ESIC as on 31-03-2014	27
4.	1.4	Status Details of Implemented Centers of ESIC in North East India	28
5.	3.1	Enterprises Selected from the Branch Office for the Study	79
6.	3.2	Types of Organisations of the Enterprises	80
7.	3.3	Determination of the Sample Size	81
8.	3.4	Distribution of Samples by various Socio-Economic Factors	81-82
9.	4.1	Performances of the Inspectorate	91
10.	4.2	Attitude of the Inspectorate Personnel (Employers)	92
11.	4.3	Level of Satisfaction in the Working of the Inspectorate (Employers)	93
12.	4.4	Reasons for Dissatisfaction in the Working of the Inspectorate (Employers)	94
13.	4.5	Performance of the Revenue Recovery Machinery	96
14.	4.6	Attitude of the Revenue Recovery Machinery (Employers)	97
15.	4.7	Level of Satisfaction in the Working of the Revenue Recovery Machinery (Employers)	98
16.	4.8	Reasons for Dissatisfaction in the Working of the Revenue Recovery Machinery (Employers)	99
17.	4.9	Performance of Employees' Insurance (EI) Court	102
18.	4.10	Awareness of the EI Court (Insured Persons)	103
19.	4.11	Awareness of the EI Court (Employers)	103
20.	4.12	Number of Cases Filed in EI Court (Insured Persons)	104
21.	4.13	Number of Cases Filed in EI Court (Employers)	105
22.	4.14	Responses for Delay in Settteling Cases in EI Court (Insured Persons)	105
23.	4.15	Responses for Delay in Settteling Cases in EI Court (Employers)	106
24.	4.16	Level of Satisfaction in the Working of the EI Court (Insured Persons)	107
25.	4.17	Level of Satisfaction in the Working of the EI Court (Employers)	108
26.	4.18	Reasons for Dissatisfaction in the Working of the EI Court (IPs)	109
27.	4.19	Reasons for Dissatisfaction in the Working of the EI Court (Employers)	110
28.	4.20	Performance of the Grievances Redress Cell	111
29.	4.21	Awareness of the Grievances Redress Cell (Insured Persons)	112
30.	4.22	Awareness of the Grievances Redress Cell(Employers)	112
31.	4.23	Responses of the Insured Persons as to the Grievances Lodged	113
32.	4.24	Responses of the Employers as to the Grievances Lodged	114
33.	4.25	Delay in Disposal of Grievances Lodged(Insured Persons)	115

34.	4.26	Delay in Disposal of Grievances Lodged(Employers)	115
35.	4.27	Level of Satisfaction in the Working of the Grievances Redress Cell (IPs)	116
36.	4.28	Level of Satisfaction in the Working of the Grievances Redress Cell(Employers)	117
37.	4.29	Reasons for Dissatisfaction in the Working of the Grievances	118
38.	4.30	Redress Cell (IPs) Reasons for Dissatisfaction in the Working of the Grievances	119
39.	4.31	Redress Cell (Employers) Meeting Conducted by the Medical Benefit Council during 2001-	121
		2010	
40.	5.1	Awareness of the ESI Benefits (Insured Persons)	139
41.	5.2	Awareness of the ESI Benefits (Employers)	139
42.	5.3	Sources of Awareness of the ESI Benefits (Insured Persons)	140
43.	5.4	Sources of Awareness of the ESI Benefits (Employers)	141
44.	5.5	Level of Satisfaction in the Information Given (Insured Persons)	142
45.	5.6	Level of Satisfaction in the Information Given (Employers)	143
46.	5.7	Knowledge for Claiming the ESI Benefits (Insured Persons)	145
47.	5.8	Knowledge for Claiming the ESI Benefits (Employers)	146
48.	5.9	Institutional Preference for Treatment (Insured Persons)	148
49.	5.10	Reasons for Taking Treatment in ESI Dispensaries (Insured Persons)	149
50.	5.11	Reasons for not Taking Treatment in ESI Dispensaries (Insured Persons)	150
51.	5.12	Level of Satisfaction regarding the Services of the Doctors in ESI Dispensaries (Insured Persons)	151
52.	5.13	Level of Satisfaction regarding Drugs & Dressing in ESI Dispensaries (Insured Persons)	151
53.	5.14	Level of Satisfaction regarding Standard of Drug Quality in ESI Dispensaries (Insured Persons)	152
54.	5.15	Level of Satisfaction regarding the Laboratory Test in ESI Dispensaries (Insured Persons)	153
55.	5.16	Level of Satisfaction regarding Family Welfare in ESI Dispensaries (Insured Persons)	155
56.	5.17	Summary of the Chi- Square Test Result Showing the Level of Satisfaction in the Services/ Facilities in ESI Dispensaries	156
57.	5.18	Insured Persons Referred / Not Referred to the ESI Hospital	157
58.	5.19	Insured Persons Taken / Not Taken Treatment from the ESI Hospital	157
59.	5.20	Reasons for not taking Treatment from the ESI Hospital (Insured Persons)	158
60.	5.21	Level of Satisfaction regarding the Services of the Doctors in the ESI Hospital (Insured Persons)	159
61.	5.22	Level of Satisfaction regarding Drugs & Dressing in ESI Hospital (IPs)	160
62.	5.23	Level of Satisfaction regarding Standard of Drug Quality in ESI Hospital (Insured Persons)	161
63.	5.24	Level of Satisfaction regarding the Laboratory Test in ESI Hospital (IPs)	162

64.	5.25	Level of Satisfaction regarding Family Welfare in ESI Hospital (IPs)	163
65.	5.26	Level of Satisfaction regarding Specialists' Service in ESI Hospital (IPs)	164
66.	5.27	Summary of the Chi- Square Test Result Showing the Level of Satisfaction in the Services/ Facilities in ESI Hospital	165
67.	5.28	Insured Persons wish to Continue in the Scheme after Retirement	166
68.	5.29	Reasons for not Continuing in the Scheme after Retirement	167
69.	5.30	Insured Persons Availed / Not Availed of the Cash Benefits	168
70.	5.31	Reasons for not availing Sickness Benefit by the Insured Persons	169
71.	5.32	Reasons for not availing Maternity Benefit by the Insured Persons	170
72.	5.33	Reasons for not availing Disablement Benefit by the Insured Persons	171
73.	5.34	Reasons for not availing Other Benefits by the Insured Persons	171
74.	5.35	Level of Satisfaction of the Insured Persons regarding Sickness Benefit	172
75.	5.36	Level of Satisfaction of the Insured Persons regarding Maternity Benefit	173
76.	5.37	Level of Satisfaction of the Insured Persons regarding Disablement Benefit	173
77.	5.38	Level of Satisfaction of the Insured Persons regarding Other Benefits	174
78.	5.39	Summary of the Chi- Square Test Result Showing the Level of Satisfaction in the amount of Cash Benefits regarding, Sickness, Maternity, Disablement & Other Benefits	175
79.	5.40	Delay in Disbursing Sickness Benefit	176
80.	5.41	Delay in Disbursing Maternity Benefit	176
81.	5.42	Delay in Disbursing Disablement Benefit	177
82.	5.43	Delay in Disbursing Other Benefits	177
83.	6.1	Common Size Statement Showing the Sources of Funds of ESIC (2001-2010)	184
84.	6.2	Contribution Income of the ESIC (2001-2010)	185
85.	6.3	Income from Interest on Investment of the ESIC (2001-2010)	186
86.	6.4	Other Incomes of the ESIC (2001-2010)	187
87.	6.5	Total Income of the ESIC (2001-2010)	189
88.	6.6	Common Size Statement Showing the Utilisation of Funds of ESIC (2001-2010)	191
89.	6.7	Expenditure on Medical Benefits of the ESIC (2001-2010)	193
90.	6.8	Expenditure on Cash Benefits of the ESIC (2001-2010)	194
91.	6.9	Expenditure on Administration of the ESIC (2001-2010)	195
92.	6.10	Total Expenditure of the ESIC (2001-2010)	196
93.	6.11	Surplus and Deficit of the ESIC (2001-2010)	198
94.	6.12	Common Size Statement Showing Pattern of Investment of the Reserve Fund of the ESIC (2001-2010)	200
95.	6.13	Return on Reserve Fund Investment of the ESIC (2001-2010)	202

LIST OF ABBREVIATIONS

A.D: Anno Domini

BO: Branch Office

CAGR: Compound Annual Growth Rate

CBHI: Community-Based Health Insurance

CCRF: Contribution to Capital Construction Reserve Fund

DB: Disablement Benefits

df: Degree of Freedom

D &M: Depreciation and Maintenance

El Court: Employees' Insurance Court

ESIC: Employees' State Insurance Corporation

ESIF: Employees State Insurance Fund

ESIS: Employees' State Insurance Scheme

GDI: Gender Development Index

GDP: Gross Domestic Product

GOI: Government of India

GRC: Grievances Redress Cell

HDI: Human Development Index

HDR: Human Development Report

i.e: That is;

ILO: International Labor Organisation

IO: Inspection office

IPs: Insured Persons

IMR: Infant Mortality Rate

MB: Maternity Benefit

MDGs: Millennium Development Goals

NER: North Eastern Region

NHP: National Health Policy

No: Number

NRHM: National Rural Health Mission

NSDP: Net State Domestic Product

OB: Other Benefits

PO: Pay Office

ROI: Return on Investment

RRM: Revenue Recovery Machinery

SB: Sickness Benefits

SHDR: State Human Development Report

SHI: Social Health Insurance

SL: Serial number

TPA: Third Party Administrations

UNDP: United Nations Development Programme

UT: Union Territories

VAT: Value Added Tax

VPHI: Voluntary Private Health Insurance

WDI: World Development Indicators

WHO: World Health Organizations