## THE IMPACT OF NIGHT SHIFTWORK DIFFICULTIES WITH FAMILY AND SOCIAL LIFE: A SPECIAL REFERENCE TO SELECTED APPAREL SECTOR IN

**POLONNARUWA DISTRICT** 



By

### SIYAMBALAGAHA KUBURE GEDARA AMALI ERANDIKA SENANAYAKE

#### **REG NO: EU/IS/2016/MS/64**

#### INDEX NO: MS 1914



# DEPARTMENT OF MANAGEMENT FACULTY OF COMMERCE AND MANAGEMENT

EASTERN UNIVERSITY, SRI LANKA

2021

#### ABSTRACT

This study explores the impact of night shiftwork difficulties with family and social life: A special reference to selected Apparel sector in the Polonnaruwa district. In this research study, there is one independent variable. It is night shift work difficulties. There are three dimensions, such as sleepiness, fatigue, and health disorder. The dependent variable is family and social life.

The concept of shiftwork is a recently used methodology for the apparel sector. Employees work in two shifts, day and night. The night shift is more difficult than the day shift. The main objective of this study is to study the impact of night shift work difficulties on family and social life.

In this research study, primary data had been practiced by this study. A structured questionnaire was used as the method of data collection. The simple random sampling method was used to make the sampling framework of the study. The quantitative research approach was used for this study. The data were analyzed using descriptive statistics, correlation, and regression analysis.

The Conceptual model is developed based on the existing literature. Primary data that has been used for the study were obtained from 362 shift work employees who are working Brandix apparel solution in Polonnaruwa district. The findings indicate that there is good reliability and low level of night shiftwork difficulties on family and social life of the apparel sector in Polonnaruwa district and also the results showed that there is a significant negative impact of night shiftwork difficulties on family and social life. Furthermore, night shiftwork difficulties showed a negative relationship between night shiftwork difficulties and family and social life.

As a result of this study, this understanding may be helpful for the apparel sector to take necessary action to reduce night shiftwork difficulties and enhance shift workers' impact on family and social life.

**Keywords**: Night shiftwork difficulties, Sleepiness, Fatigue, Health disorders, family and social life.

#### TABLE OF CONTENTS

ACK	NOWLEDGEMENT i		
ABST	FRACTii		
TAB	LE OF CONTENTS iii		
LIST	OF TABLES		
LIST	OF EQUATIONS ix		
LIST	OF ABBREVIATIONS		
Chap	ter – 01 1		
INTR	RODUCTION 1		
1.1	Background of the Study 1		
1.2	Problem Statement		
1.3	Research Question		
1.4	Research Objectives		
1.5	Significance of the Study		
1.6	Scope of the Study		
1.7	The Organization of the Chapter		
1.8	Chapter Summary		
Chap	9 oter - 02		
LITE	CRATURE REVIEW		
2.1 Ir	ntroduction		
2.2 N	light Shift work Difficulties		
2.2	.1 Sleepiness		
2.2	.2 Fatigue		
2.2	.3 Health Disorders		
2.3 F	amily and Social Life		
2.4. ]	The Impact on Night Shiftwork Difficulties on Family and Social and Life 13		
2.4	.1. The impact of Sleepiness on Family and Social Life		
2.4	.2 The impact of Fatigue on Family and Social Life		
2.4	.3 The impact of Health disorders on Family and Social Life		
2.5 C	Chapter Summary		
Chap	nter - 03		
CON	CONCEPTUALIZATION AND OPERATIONALIZATION 19		
3.1 In	troduction		
320	Concentualization 19		

3.3. Conceptual Framework	19
3.4 Definition of Key Concept and Variables	
3.4.1 Night Shiftwork Difficulties	20
3.4.2 Family and Social life	21
3.5 Operationalization	21
3.6 Hypothesis	23
3.7 Chapter summary	23
Chapter - 04	24
RESEARCH METHODOLOGY	24
4.1 Introduction	24
4.2 Research Philosophy	24
4.3 Research Approach	24
4.4 Research Strategy	25
4.5 Methodological Choice	25
4.6 Time Horizon	25
4.7 Research Area Selection	25
4.8 Study Population	26
4.9 Sampling	26
4.10 Sampling Technique	26
4.11 Sampling Framework and Sample Size	27
4.12 Methods of Data Collection	27
4.13 Research Instrument	28
4.13.1 Personal Information of Respondents	. 28
4.13.2 Research information	. 28
4.14 Methods of Measurements	29
4.15 The Pilot Study	29
4.16 Reliability and Validity Analysis	29
4.17 Unit of Data Analysis	30
4.18 Methods of Data Analysis	30
4.18.1 Method of Analysis for First Objective	. 30
4.18.2 Method of Analysis for Second Objective	
4.18.3 Method of Analysis for Third Objective	. 31
4.19 Method of Data Evaluation	. 31
4.19.1 Univariate Analysis	.31
4.20. Bivariate Analysis (Inferential Statistics)	. 32

4.20.1. Correlation Studies	2
4.20 Multiple Regression Analysis	4
4.21 Data Presentation	4
4.21.2 Data Presentation for Research Variables	4
4.20 Ethical Consideration	5
4.21 Chapter Summary	5
Chapter- 05	6
DATA PRESENTATION AND ANALYSIS	6
5.1 Introduction	6
5.2 Analysis of Reliability	6
5.3 Data Presentation	8
5.3.1 Data Presentation for Personal Information	8
5.3.2 Data Presentation for Research Information	2
5.4 Chapter Summary	8
Chapter - 06	9
DISCUSSION OF FINDINGS	9
6.1 Introduction	9
6.2 Discussion of Personal Information	
6.2.1 Gender	9
6.2.2 Work place	9
6.3 Discussion of Research Information	1
6.3.1 Discussion of Objective One	1
6.3.2 Discussion of Objective Two	1
6.3.3 Discussion of Objective Three	2
6.4 Chapter Summary	5
Chapter - 07	6
CONCLUSIONS AND RECOMMENDATIONS	6
7.1 Introduction	6
7.2 Conclusion of the Study Objective	6
7.2.1 First Objective of the Study	6
7.2.2 Second Objective of the Study	7
7.2.3 Third Objective of the Study	7
7.3 Contribution of the Study	7
7.4 Recommendation	8
7.5 Limitations of the Study	9

7.6	Direction for Future Study	70
LIST	OF REFERENCES	71
APPE	NDIX -01	75
APPE	ENDIX - 02	83