

TABLE OF CONTENTS

CHAPTERS	CONTENT	PAGE NO
	Title Page	i
	Certificate by the Supervisor	ii
	Declaration by the Scholar	iii
	Dedication	iv
	Acknowledgement	v
	Table of contents	viii
	List of Tables	xiv
	List of Figures	xvi
	List of Appendices	xviii
Chapter - I	INTRODUCTION	1-60
	Introduction	1
	Obesity	1
	Classification	3
	Effects on Health	5
	Morbidity	5
	Survival Paradox	7
	Causes	7
	Diet	8
	Sedentary lifestyle	10
	Genetics	10
	Other illness	11
	Social determinants	12
	Infectious agents	14

Public health	14
Society and culture	16
Childhood obesity	18
Social practices and policies	21
Socioeconomic status	22
Home environment	27
Hatha Yoga	31
Yogic concept of human body	31
Astanga yoga	36
Children and yoga	37
Benefits of yoga	39
Socio environmental variables	41
Screen timing	41
Extracurricular	42
Family environment	44
Dining (Eating) habits and behaviors	45
Clinical variables	49
Total cholesterol	50
Body Mass Index	52
Hemoglobin	53
Objectives of the study	54
Reason for the selection of topic	54
Reason for the selection of the variables	55
Statement of the Problem	55
Hypothesis	55
Significance of the Study	56

	Delimitations	57
	Limitations	58
	Meaning and definition of the Terms	58
Chapter - II	REVIEW OF RELATED LITERATURE	61-117
	Studies on Socio economic variables	61
	Studies on Clinical factors	98
	Summary on the related literature	117
Chapter – III	METHODOLOGY	118-152
	Selection of Subjects	118
	Selection of variables	119
	Selection of dependent variables	119
	Selection of independent variables	120
	Experimental Design	120
	Pilot study	120
	Orientation of Subjects	121
	Criterion measures	121
	Reliability of Data	122
	Reliability of instruments	122
	Testers competency	123
	Subjects reliability	124
	Training programme	124
	Training schedule for Experimental group II	125
	Training schedule for Experimental group III	126
	Training Procedure for Hatha yoga sadhana	129
	Test Administration	144
	Socio economic variables	144

	Screen timings	144
	Extra curricular	145
	Family environment	148
	Dining habits	149
	Clinical factors	150
	Total Cholesterol	150
	HDL	150
	Hemoglobin	151
	BMI	151
	Collection of Data	151
	Statistical Technique	152
Chapter – IV	ANALYSIS OF DATA AND RESULT OF THE STUDY	153-196
	Overview	153
	Computation of Analysis of Covariance and Scheffe’s Post Hoc tests	154
	Results on Screen timing	154
	Discussions on the findings of Screen timing	157
	Results on Extracurricular	159
	Discussions on the findings of Extracurricular	163
	Results on Family environment	164
	Discussions on the findings of Family environment	168
	Results on Dining habits	169
	Discussions on the findings of Dining habits	173
	Results on Total cholesterol	174
	Discussions on the findings of Total cholesterol	178
	Results on HDL	179
	Discussions on the findings of HDL	183

	Results on Hemoglobin	184
	Discussions on the findings of Hemoglobin	188
	Results on BMI	189
	Discussions on the findings of BMI	193
	Discussion on Hypotheses	194
Chapter -V	SUMMARY, CONCLUSIONS AND RECOMMENDATIONS	197-201
	Summary	197
	Conclusions	198
	Recommendations	200
	Suggestions for further research	201
	Bibliography	202-225
	Books	202
	Journals	204
	Unpublished journal and dissertation	225
	Website	225
	APPENDICES	226-???
	Appendix A	226
	Appendix B	228
	Appendix C	229
	Appendix D	230
	Appendix E	233
	Appendix F	234
	Appendix G	235
	Appendix H	????
	Appendix I	????