## TABLE OF CONTENTS

CHAPTERS	CONTENT	Page
	Certificate by the Supervisor	ii
	Declaration by the Scholar	iii
	Dedication	iv
	Acknowledgement	v
	Table of contents	vii
	List of Tables	xiii
	List of Figures	xiv
	List of Appendices	xvi
Chapter - I	INTRODUCTION	1
1.1	Yoga	1
1.2	History and Origin of Yoga	2
1.3	Surya Namaskar	3
1.3.1	Benefits of Suryanamaskar	4
1.4	Pranayama	5
1.4.1	Benefits of Pranayama	7
1.5	Asperger syndrome	8
1.5.1	Classification	9
1.5.2	Social Interaction	10
1.5.3	Restricted and repetitive interests and behaviour	10
1.5.4	Speech and language	11
1.5.5	Motor and sensory perception	12
1.5.6	Causes	12
1.5.7	Common signs of asperger syndrome	13
1.6	Benefits of yoga for asperger syndrome	14
1.7	Motivation	16
1.8	Achievement	20

1.9	Self esteem	20
1.10	Speech and language	21
1.11	School performance	23
1.12	Hygiene	24
1.13	Health	25
1.14	Dressing mannerism	27
1.15	Reason for the selection of the topic	27
1.16	Reason for the selection of the variables	28
1.17	Statement of the Problem	28
1.18	Hypotheses	28
1.19	Significance of the Study	29
1.20	Delimitations	29
1.21	Limitations	30
1.22	Meaning and definition of the Terms	30
1.22.1	Yoga	30
1.22.2	Suryanamaskar	30
1.22.3	Pranayama	30
1.22.4	Relaxation	31
1.22.5	Asperger syndrome	31
1.22.6	Motivation	31
1.22.7	Achievement	31
1.22.8	Self esteem	32
1.22.9	Speech and language	32
1.22.10	School performance	32
1.22.11	Life events	32
1.22.12	Hygiené	32
1.22.13	Health	33
1.22.14	Dressing mannerism	33

Chapter - II	REVIEW OF RELATED LITERATURES	34
2.1	Studies on Asperger syndrome among children	34
2.2	Studies on Suryanamaskar	44
2.3	Studies on Pranayama	47
2.4	Studies on Socio psychological factor	51
2.5	Studies on Learning developmental factor	58
2.6	Studies on Domestic skill	69
2.7	Summary on the related literature	76
Chapter – III	METHODOLOGY	77
3.1	Selection of Subjects	77
3.2	Selection of variables	77
3.2.1	Dependent variables	78
3.2.2	Independent variables	78
3.3	Experimental Design	78
3.4	Pilot study	79
3.5	Orientation of Subjects	80
3.6	Criterion measures	80
3.7	Reliability of Data	81
3.8	Reliability of Instruments	81
3.9	Testers' Reliability	81
3.10	Subjects reliability	81
3.11	Testers' competency	81
3.12	Practice programme	82
3.13	Practice Procedure	91
3.13.1	Pawanamuktasana series	91
3.13.2	Suryanamskar	94
3.14	Test Administration	101
3.14.1	Socio Psychological variables	101

3.14.1.1	Motivation	101
3.14.1.2	Achievement	102
3.14.1.3	Self esteem	103
3.14.2	Learning developmental factor	104
3.14.2.1	Speech and language	104
3.14.2.2	School performance	104
3.14.2.3	Life events	105
3.14.3	Domestic skills	106
3.14.3.1	Hygiene	106
3.14.3.2	Health	107
3.14.3.3	Dressing mannerism	107
3.15	Collection of the Data	108
3.16	Statistical Techniques	108
Chapter – IV	ANALYSIS OF DATA AND RESULT OF THE STUDY	109
4.1	Overview	109
4.2	Test of significance	110
4.3	Level of significance	110
4.4	Computation of Analysis of Covariance and Scheffe's Post Hoc tests	110
4.5	Results on Motivation	111
4.5.1	Discussions on the findings of Motivation	115
4.6	Results on Achievement	116
4.6.1	Discussions on the findings of Achievement	120
4.7	Results on Self esteem	121
4.7.1	Discussions on the findings of Self esteem	125
4.8	Results on Speech and language	126
4.8.1	Discussions on the findings of Speech and language	130
4.9	Results on School performance	131
491	Discussions on the findings of School performance	135

4.10	Results on Life events	136
4.10.1	Discussions on the findings of Life events	140
4.11	Results on Hygiene	141
4.11.1	Discussions on the findings of Hygiene	145
4.12	Results on Health	146
4.12.1	Discussions on the findings of Health	150
4.13	Results on Dressing mannerism	151
4.13.1	Discussions on the findings of Dressing mannerism	155
4.14	Discussion on Hypotheses	156
61	CHMMADY CONCLUCIONS AND	158
Chapter –V	SUMMARY, CONCLUSIONS AND RECOMMENDATIONS	150
•	The first of the contract of t	158
5.1	RECOMMENDATIONS	
5.1 5.2	RECOMMENDATIONS Summary	158
5.1 5.2 5.3	RECOMMENDATIONS Summary Conclusions	158 158
5.1 5.2 5.3	RECOMMENDATIONS Summary Conclusions Recommendations	158 158 159
5.1 5.2 5.3	RECOMMENDATIONS  Summary  Conclusions  Recommendations  Suggestions for further research	158 158 159
5.1 5.2 5.3	RECOMMENDATIONS  Summary  Conclusions  Recommendations  Suggestions for further research  Bibliography	158 158 159 159