

CONTENT

CONTENTS

	PAGE NO.
ACKNOWLEDGEMENT	i
CONTENTS	111
LIST OF TABLES	x
LIST OF APPENDICES	xiv
CHAPTER 1 : INTRODUCTION	1
1.1. Education and Modernization	2
1.1.1. Educational Technology and the changing role of teacher	4
1.2. Media and Methods of teaching	7
1.2.1. Broad classification of teaching aids	8
1.2.2. The Psychology of using teaching aids	9
1.2.3. General advantages of using teaching aids	12
1.3. Communication and role of mass media	16
1.3.1. Communication in the class room	18
1.3.2. Role of mass media	21
1.4. The video cassette; an estimate of its potential for education	22
1.4.1. A brief history of video cassette and the present views	23
1.5. Importance of nutrition education	32
1.6. The present study	38

CHAPTER 2 : REVIEW OF RELATED LITERATURE	42
2.1. Introduction	43
2.2. Studies seeking to establish or compare effectiveness of various instructional media involving audio visual modalities in the field of education	44
2.3. Studies in the field of extension of Home Science education	55
2.4. Studies concerning educational television in the field of education	58
2.5. Studies concerning Nutrition education	61
2.6. Studies concerning instructional video	64
2.7. Studies concerning development and try out of instructional video and its comparison with traditional method of teaching	67
2.8. Studies concerning correlates of achievement	73
2.9. Implication of these studies on the present study	80
CHAPTER 3 : THE PRESENT INVESTIGATION	85
3.1. Introduction	86
3.2. Rationale of the Study	87
3.3. Statement of the Problem	91
3.4. Objectives	91
3.5. The Hypotheses	93
3.6. Explanation of the Terms	99

3.7.	Selection of the Sample	100
3.8.	Research Tools	103
3.9.	Development and Validation of Video Instructional Package	117
3.10.	Plan and Procedure of the Study	120
3.11.	Data Collection	126
3.12.	Data Analysis	126
CHAPTER 4 : DATA ANALYSIS		128
4.1.	Introduction	131
4.2.	Comparison of the achievement of students of experimental group with high S.E.S. score and low S.E.S. score in urban area on immediate retention test	132
4.3.	Comparison of the achievement of students of experimental group with high S.E.S. score and low S.E.S. score in urban area on delayed retention test	133
4.4.	Comparison of the achievement of students of experimental group with high S.E.S. score and low S.E.S. score in rural area on immediate retention test	134
4.5.	Comparison of the achievement of students of experimental group with high S.E.S. score and low S.E.S. score in rural area on delayed retention test	136

4.6.	Comparison of the achievement of students of experimental group with high J.I.M. score and low J.I.M. score in urban area on immediate retention test	137
4.7.	Comparison of the achievement of students of experimental group with high J.I.M. score and low J.I.M. score in urban area on delayed retention test	138
4.8.	Comparison of the achievement students of experimental group with high J.I.M. score and low J.I.M. score in rural area on immediate retention test	140
4.9.	Comparison of the achievement of students of experimental group with high J.I.M. score and low J.I.M. score in rural area on delayed retention test	141
4.10.	Comparison of the achievement of students of experimental group with high anxiety score and low anxiety score in urban area on immediate retention test	142
4.11.	Comparison of the achievement of students of experimental group with high anxiety score and low anxiety score in urban area on delayed retention test	144
4.12.	Comparison of the achievement of students of experimental group with high anxiety score and low anxiety score in rural area on immediate retention test	145

4.13.	Comparison of the achievement of students of experimental group with high anxiety score and low anxiety score in rural area on delayed retention test	146
4.14.	Comparison of the achievement of male and female students of experimental group in urban area on immediate retention test	147
4.15.	Comparison of the achievement of male and female students of experimental group in urban area on delayed retention test	149
4.16.	Comparison of the achievement of male and female students of experimental group in rural area on immediate retention test	150
4.17.	Comparison of the achievement of male and female students of experimental group in rural area on delayed retention test	151
4.18.	Main effects and interaction effects on immediate retention test for area, methods of teaching and S.E.S.	152
4.19.	Main effects and interaction effects on delayed retention test for area, methods of teaching and S.E.S.	157
4.20.	Main effects and interaction effects on immediate retention test for area, methods of teaching and J.I.M.	162
4.21.	Main effects and interaction effects on delayed retention test for area, methods of teaching and J.I.M.	165

4.22.	Main effects and interaction effects on immediate retention test for area, methods of teaching and anxiety	170
4.23.	Main effects and interaction effects on delayed retention test for area, methods of teaching and anxiety	175
4.24.	Main effects and interaction effects on immediate retention test for area, methods of teaching and sex	178
4.25.	Main effects and interaction effects on delayed retention test for area, methods of teaching and sex	182
CHAPTER 5 : MAJOR FINDINGS AND CONCLUSIONS		187
5.1.	Introduction	188
5.2.	Major Findings and Conclusions	188
5.3.	Observations	199
5.4.	Suggestions and Implications	201
5.5.	Suggestions for Further Research	205
CHAPTER 6 : SUMMARY		209
6.1.	Introduction	210
6.2.	Objectives	211
6.3.	The Hypotheses	213
6.4.	Delimitations of the Study	218
6.5.	Methodology	219
6.6.	Development and Validation of Video Instructional Package	220
6.7.	Conduct of the Study	220

6.8.	Analysis of the Data	222
6.9.	Major Findings and Conclusions	222
BIBLIOGRAPHY		228
APPENDICES		