

CONTENTS

	Page No.
CERTIFICATE	i
ACKNOWLEDGEMENT	ii
CONTENTS	iii-v
LIST OF TABLES	vi
LIST OF FIGURES	vii
 CHAPTER I: CONCEPTUAL FRAMEWORK	 (1-37)
1.1.0 INTRODUCTION	1
1.2.0 CONCEPT OF ART EDUCATION	3
1.2.1 Importance of Art Education	5
1.2.2 Objectives of Art Education	6
1.2.3 Forms of Art Education	7
1.2.3.1 <i>Visual Arts</i>	8
1.2.3.2 <i>Performing Arts</i>	8
1.3.0 ART AND DIFFERENT DEVELOPMENT STAGES OF THE CHILD	8
1.3.1 Scribbling Stage (2 to 4 years)	10
1.3.2 Pre-schematic Stage (4 to 6 years)	11
1.3.3 Schematic Stage (7 to 9 years)	11
1.3.4 The Gang Age (9 to 11 years)	13
1.3.5 The Pseudo Realistic Stage/ The Stage of Reasoning (11 to 13 years)	14
1.3.6 The Crisis of Adolescence	15
1.4.0 POLICY DOCUMENTS ON ART EDUCATION IN SCHOOLS	16
1.5.0 DEVELOPMENT OF ART EDUCATION IN INDIA	19
1.6.0 SCENARIO OF ART EDUCATION IN INDIA	20
1.7.0 PLACE OF ART EDUCATION IN CBSE CURRICULUM	21
1.8.0 ART EDUCATION AT DIFFERENT LEVELS OF SCHOOLING	22
1.9.0 ADVANTAGES OF COMPUTERS IN EDUCATION	23
1.9.1 Advantages to the Teachers	24
1.9.2 Advantages to the Learners	25
1.10.0 COMPUTERS IN ART EDUCATION	26
1.11.0 SCOPE OF COMPUTERS IN THE SCHOOL LEVEL ART EDUCATION	27
1.12.0 RATIONALE OF THE STUDY	29
1.13.0 RESEARCH QUESTIONS	32
1.14.0 STATEMENT OF THE PROBLEM	33
1.15.0 OBJECTIVES OF THE STUDY	33
1.16.0 HYPOTHESES OF THE STUDY	34
1.17.0 EXPLANATION OF THE TERMS USED	35
1.18.0 OPERATIONAL DEFINITION OF THE TERMS USED	35
1.19.0 DELIMITATION OF THE STUDY	36
1.20.0 SCHEME OF CHAPTERS	36

CHAPTER II: REVIEW OF RELATED LITERATURE (38-61)

2.1.0	INTRODUCTION	38
2.2.0	REVIEW OF RELATED STUDIES	38
2.2.1	Studies Related to Art Education	38
2.2.2	Studies Related to Computer based Education	46
2.3.0	SOME OBSERVATIONS AND IMPLICATIONS FOR THE PRESENT STUDY	60

CHAPTER III: METHODOLOGY (62-78)

3.1.0	INTRODUCTION	62
3.2.0	RESEARCH METHODOLOGY	62
3.2.1	Research Design	62
3.2.2	Population	63
3.2.3	Sample	63
3.2.4	Development of Computer Based Art Education (CBAE) Package	64
3.2.4.1	<i>Selection of Contents for Developing CBAE Package</i>	64
3.2.4.2	<i>Formulation of Instructional Objectives</i>	65
3.2.4.3	<i>Selection of Instructional Inputs</i>	67
3.2.4.4	<i>Systematization of the Package</i>	68
3.2.4.5	<i>Laboratory Tryout</i>	69
3.2.5	Tools for Data Collection	69
3.2.5.1	<i>Achievement test</i>	69
3.2.5.2	<i>Reaction Scale</i>	70
3.2.5.3	<i>Observation</i>	71
3.2.6	Implementation of the Developed CBAE Package	71
3.2.7	Data Analysis	78

CHAPTER IV: DATA ANALYSIS, MAJOR FINDANDINGS, DISCUSSION AND CONCLUSION (79-109)

4.1.0	INTRODUCTION	79
4.2.0	ACHIEVEMENT IN ART EDUCATION OF EXPERIMENTAL AND CONTROL GROUP	79
4.2.1	Achievement in Drawing of Experimental and Control Group	80
4.2.2	Achievement in Still-life of Experimental and Control Group	82
4.2.3	Achievement in Painting of Experimental and Control Group	84
4.2.4	Achievement in Poster of Experimental and Control Group	85
4.2.5	Achievement in Composition of Experimental and Control Group	87
4.2.6	Overall Achievement of Experimental and Control Group in Art Education	89

4.3.0	EFFECTIVENESS OF THE DEVELOPED COMPUTER BASED ART EDUCATION PACKAGE IN TERMS OF STUDENTS' REACTIONS	92
4.4.0	OBSERVATIONS DURING THE EXPERIMENT	102
4.5.0	MAJOR FINDINGS OF THE STUDY	104
4.6.0	DISCUSSION	104
4.7.0	IMPLICATIONS OF THE PRESENT STUDY	107
4.8.0	CONCLUSION	108

CHAPTER V: SUMMARY (110-124)

5.1.0	INTRODUCTION	110
5. 2.0	RATIONALE OF THE STUDY	111
5.3.0	RESEARCH QUESTIONS	115
5.4.0	STATEMENT OF THE PROBLEM	116
5.5.0	OBJECTIVES OF THE STUDY	116
5.6.0	HYPOTHESES OF THE STUDY	116
5.7.0	EXPLANATION OF THE TERMS USED	117
5.8.0	OPERATIONAL DEFINITION OF THE TERMS USED	117
5.9.0	DELIMITATION OF THE STUDY	118
5.9.0	METHODOLOGY	119
5.9.1	Design of the Study	119
5.9.2	Population	119
5.9.3	Sample	119
5.9.4	Development of Computer Based Art Education (CBAE) Package	119
5.9.5	Implementation of CBAE Package	120
5.9.6	Tools and Techniques Used	120
5.9.7	Process of Data Collection	121
5.9.8	Data Analysis	121
5.10.0	MAJOR FINDINGS	121
5.11.0	IMPLICATIONS OF THE PRESENT STUDY	122
5.12.0	SUGGESTIONS FOR FURTHER STUDIES	123
5.13.0	CONCLUSION	123

BIBLIOGRAPHY (125-128)

APPENDICES (128-173)

APPENDIX I	LESSON PLANS	128
APPENDIX III	ACHIEVEMENT TEST	163
APPENDIX V	REACTION SCALE	173