

LIST OF FIGURES

Fig. No	Title	Page No.
1.1	Unity of Head, Heart & Hand	13
1.2	The Double Helix structure of Values Education and quality teaching	22
1.3	Value developmental process	23
1.4	Triangulation of Science Education ,Value education & Experiential Learning	28
3.1	Silent sitting in progress	94
3.2	Master Web Chart	95
3.3	Pre-presentation	98
3.4	ViEL pedagogy	100
3.5	Integrated Experiential Learning Model	102
3.6	Experiential Learning Progression	106
3.7	Visit to Dandi	107
3.8	Explanations of Blogs	107
3.9	Poster Exhibition	107

3.10	Lab demonstration	108
3.11	Life sketches of scientists	109
3.12	Concept maps prepared by students	110
3.13	Key words Puzzle prepared by students	111
3.14	Scrap book activity	111
3.15	Science Key word Dictionary	112
4.1	Value Story Prepared by students	187
4.2	Value Puzzle Grid by students	189
4.3	Value Logo making	190
4.4	Sample Anagram	191
4.5	Value Keys and Trees	192
4.6	Reactions of students and teachers about ViEL	195

LIST OF APPENDICES

Appendix No.	Title	Page No.
1	Value Conceptual Knowledge Test	238
2	Value Perception Scale (Situational Analysis)	244
3	Achievement Test in Science	264
4	Reaction Scale	268
5	Teachers Observation Diary	270
6	Sample Anecdotal Record	271
7	Sample Lesson Plan	272
8	Experiential learning Consolidated Plan	280
9	Sample Value Activity	295
10	Web Chart of Experiential learning	299
11	Blue Print for Achievement Test	302
12	Publication	303