Table of Contents

Sl.		Page
No.	Description	No.
1	Declaration	ii
2	Certificate	iii
3	Acknowledgement	iv
4	Abstract	vi
4	Table of Contents	vii
5	List of Tables	xi
6	List of Photographs	xii
7	List of Figures	xiii
8	List of Appendices	xiv

	Chapter 1: Conceptual Framework of the Study	
1.1	Introduction	2
1.2	Theories of Learning and their Implications	2
1.2.1	Behaviorism	2
1.2.2	Humanism	3
1.2.3	Constructivism	3
1.3	The Changing Context of Education in India – Recommendations of Various Education Commissions Post-Independence	6
1.4	School Education System in India	7
1.5	Evolution of Social Science as a Subject	9
1.6	Objectives of Teaching Social Science in Schools at the Secondary Level	10
1.7	Recommendations for a Curriculum Framework of Social Science	11
1.8	Challenges for Teaching Social Science	11
1.9	Vadodara City, Gujarat - Scenario of School Education	12
1.10	Scenario of Vadodara City, Gujarat with respect to Teaching Social Science	12
1.11	Factors Impacting Teaching-Learning Process	13
1.12	Need and Significance of the Study	15
1.13	Research Questions	16
1.14	Objectives of the Study	16
1.15	Hypotheses	17
1.16	Explanation of Terms	17
1.17	Operational Definition of Terms	18
1.18	Delimitation of the Study	18
1.19	Organization of the Thesis	18

Sl.	Description	Page
No.	2 0.00.1	No.
	Chapter 2: Review of Related Literature	
2.1	Introduction	21
2.2	Studies on Constructivism and Constructivist Teaching	21
2.3	Studies on Teaching-Learning Principles/Methods	24
2.4	Studies on Learning Styles & Study Habits	26
2.5	Studies on Emotional Intelligence (EI) and Social Intelligence (SI)	26
2.6	Studies on Multiple Intelligence (MI)	27
2.7	Studies on Technology in Constructivist Teaching	28
2.8	Studies on Impact of Constructivist Teaching in Higher Education and at the School level in Various Subjects	30
2.9	Studies Conducted Specifically with the 5E Teaching-Learning Model	32
2.10	Findings of the Literature Review	33
2.11	Rationale of the Study	36

	Chapter 3: Plan and Procedure of the Study	
3.1	Introduction	39
3.2	Design of the Study	39
3.3	Population of the Study	40
3.4	Sample of the Study	40
3.5	Tools Used for Data Collection	41
3.6	Development and Validation of Tools	42
3.7	Procedure of Data Collection	42
	Phases Adopted for the Study	
	Phase – 1: Formation of Experimental and Control Groups	42
	Phase – 2: Design and Development of Lesson Plans & Reaction Scale	43
	Phase – 3: Pilot Study & Feedback	44
	Phase – 4: Administration of Pre-Test	44
	Phase – 5: Implementation of Lesson Plans (LP)	44
	Phase – 6: Administration of Post-Tests 1, 2, 3 & Comprehensive Post-Test	44
	Phase – 7: Assessment and Consolidation of Test Scores	45
	Phase – 8: Administration of Reaction Scale and Collection of Students' Reactions	45
3.8	Data Analysis	45

Sl.		Page
No.	Description	No.
	Chapter 4: Development & Implementation of Lesson Plans based on 5E Approach	
4.1	Introduction	48
4.2	5E Model of Teaching Approach	48
4.3	Development and Implementation of Lesson Plans (LP)	49
4.3.1	Lesson 1: What is Democracy, Why Democracy	52
	i) LP 1: What is Democracy	52
	ii) LP 2: Features of Democracy	56
	iii) LP 3: Why Democracy	60
4.3.2	Lesson 2: Constitutional Design of India	66
	i) LP 4: What is Constitution	66
	ii) LP 5: Need of Constitution	69
	iii) LP 6: Making of Indian Constitution	73
	iv) LP 7: Guiding Values of Indian Constitution	77
4.3.3	Lesson 3: Electoral Politics in India	83
	i) LP 8: What is Election	83
	ii) LP 9: Election System of India	88
	iii) LP 10: Democratic Election System in India	93
4.4	Summary of Activities Conducted for Experimental and Control Groups	98

	Chapter 5: Data Analysis & Interpretation of Data	
5.1	Introduction	111
5.2	Data Analysis	111
5.3	Analysis & Pre-Test Scores of Experimental and Control Groups	112
5.4	Effectiveness of Constructivist Approach: Analysis & Interpretations	113
5.5	Major Findings of the Study	145
5.6	Discussion	148
5.7	Suggestions to Various Stakeholders	150
5.8	Suggested Future Studies	152

Sl. No.	Description	Page No.
	Chapter 6: Research Summary	
6.1	Introduction	154
6.2	Need and Significance of the Study	154
6.3	Review of Related Literature	155
6.4	Rationale of the Study	158
6.5	Research Questions	160
6.6	Objectives of the Study	160
6.7	Hypothesis	161
6.8	Explanation of Terms	161
6.9	Operational Definition of Terms	162
6.10	Delimitation of the Study	162
6.11	Methodology of the Study	162
6.12	Major Findings of the Study	167
6.13	Discussion	170
6.14	Suggestions to Various Stakeholders	172
6.15	Suggested Future Studies	174
	References	175 -188
_	Appendices	40 Pages