

INDEX OF VOLUME I

		LIST OF TABLES VOLUME I	xxviii
		LIST OF FIGURES	xxxiii
		LIST OF CHARTS	xxxiii
Chapter		Title	Page
Chapter 1		Introduction	1
1.1		Background	1
1.2		Profile of Gujarat State	3
1.3		Green Supply Chain Management Practices	5
1.4		Paint Industry of Gujarat	8
1.5		Consumer Buying Behaviour	9
1.6		Theoretical Framework	11
	1.6.1	Theory of Reasoned Action	11
	1.6.2	Theory of Planned Behaviour	12
1.7		Conceptual Definitions	14
1.8		Rationale of the Study	16
1.9		Objectives of the Study	16
Chapter 2		Literature Review	18
2.1		Overview	18
2.2		Green Supply Chain and Its Practices	19
	2.2.1	Supply Chain	19
	2.2.2	Green Supply Chain Management	20
	2.2.3	Green Supply Chain Practices	24
2.3		Paint, Decorative paints and Eco-friendly paints	28
	2.3.1	Paint Industry	28
	2.3.2	Pollutants	31
2.4		Consumers' Environmental Awareness, Consumer Behaviour and Acceptance of Environmental Responsiveness	35
	2.4.1	Consumer Behaviour	35
	2.4.2	Risk Awareness and Environmental Education	36
	2.4.3	Consumer Knowledge and Awareness	40
	2.4.4	Environmental Action	41
	2.4.5	Green Indian Consumer according to Greendex Report, 2012	44
2.5		Theories and Evidences	45
	2.5.1	Theory of Reasoned Action (TRA)	46
	2.5.2	Theory of Planned Behaviour (TPB)	49
	2.5.3	Sufficiency of the Theory of Planned Behaviour	54
	2.5.4	Comparison of TRA and TPB; Hybrid Model Development	59
	2.5.5	Consumer Belief and Behaviour	60
	2.5.6	Environmental Knowledge and Behaviour	62

	2.5.7	Proposed Model	65
2.6		Summary of Literature Reviewed	67
Chapter 3		The Demographic Profile of The Respondents	81
3.1		Occupation	82
3.2		Age	84
3.3		Gender	86
3.4		Educational Qualifications	88
3.5		Income	90
	3.5.1	Monthly Income	90
	3.5.2	Per Capita Income	92
3.6		Family Type	94
3.7		Family Size	95
3.8		Marital Status	96
3.9		Number of Children	98
Chapter 4		Research Methodology	100
4.1		Purpose of Research	100
4.2		Sample Plan	100
	4.2.1	Data Source	101
	4.2.2	Research Approach	101
	4.2.3	Research Design.	102
4.3		Questionnaire	103
	4.3.1	Demographic factors in Questionnaire	103
	4.3.2	Questionnaire (Psychographic Factors)	105
4.4		Statistical Methods	115
4.5		Reliability of the Data	115
4.6		Hypotheses	118
Chapter 5		Analysis and Interpretation of Data	121
5.1		Percentage Frequency Distribution	122
5.2		Test of Hypotheses	196
5.3		Test of Model Hypotheses	258

LIST OF TABLE

VOLUME I

Table No	Particulars	Page No
1.2.1	Table showing population of the four selected cities of Gujarat state.	4
2.6.1	Summary of Literature in the field of consumer buying behavior, theory of reasoned action and theory of planned behavior	67
2.6.2	Summary of Literature in the field of green supply chain management practices and consumers	76
3.1	Table showing demographic profile of respondents regarding occupation in Gujarat	82
3.2	Table showing demographic distribution of respondents regarding age groups in Gujarat	84
3.3	Table showing demographic distribution of respondents regarding gender in Gujarat	86
3.4	Table showing demographic distribution of respondents regarding education qualification in Gujarat	88
3.5.1	Table showing demographic distribution of respondents regarding monthly income group in Gujarat	90
3.5.2	Table showing demographic distribution of respondents regarding per capita income group in Gujarat	92
3.6	Table showing demographic profile of respondents regarding family type in Gujarat	94
3.7	Table showing demographic profile of respondents regarding family size in Gujarat	95
3.8	Table showing demographic profile of respondents regarding marital status in Gujarat	96
3.9	Table showing demographic profile of respondents regarding number of children in Gujarat	98
4.2.1	Questionnaire response rate	101
4.3.1	Table showing percentile score of responses for all variables	112
4.5.1	Rules of thumb about Cronbach's alpha (α) coefficient size	116
4.5.2	Table showing test of reliability of data through Cronbach's Alpha of all variables for selected cities of Gujarat	116
5.1.1	Table showing percentage frequency distribution about the opinions of respondents regarding which brand provides green paints.	122
5.1.2	Table showing percentage frequency distribution on the opinions of respondents regarding which company are environment friendly.	123
5.1.3	Table showing fractional frequency distribution on the favorable opinions of respondents regarding which brand provides green paints.	124
5.1.4	Table showing fractional frequency distribution on the favorable opinions of respondents regarding environment friendly paint manufacturer.	125
5.1.5	Table showing city wise frequency distribution about respondents' opinions on whether they have a lot of knowledge about how to select the best brand that offers environment friendly paint.	126
5.1.6	Table showing city wise frequency distributions regarding respondents' opinions on whether they have a clear idea about which product categories offer environment friendly products.	127
5.1.7	Table showing city wise frequency distribution with reference to respondents' opinions on whether they have knowledge on where to go to find environment friendly paints.	128
5.1.8	Table showing city wise frequency distribution vis-à-vis respondents' opinions on whether they are very knowledgeable on environment friendly paints.	129

5.1.9	Table showing city wise frequency distribution regarding respondents' opinions on whether traditional paints contain lead and other harmful substances.	130
5.1.10	Table showing city wise frequency distribution about respondents' opinions on whether Lead is a carcinogen.	131
5.1.11	Table showing city wise frequency distribution vis-à-vis respondents' opinions on whether Volatile Organic Compounds (VOCs) are injurious to health.	132
5.1.12	Table showing city wise frequency distribution about respondents' opinions on whether fumes emitted from traditional paints cause problems of respiratory system.	133
5.1.13	Table showing city wise frequency distribution about respondents' opinions regarding harmfulness of VOCs.	134
5.1.14	Table showing city wise frequency distribution about respondents' opinions regarding importance to have items used in your home such as decorative paints that are harmful chemical free	136
5.1.15	Table showing city wise frequency distribution about respondents' opinions on factors which deter them from purchasing an item with toxic compounds in it.	138
5.1.16	Table showing city wise frequency distribution about respondents' opinions on whether we should slow down industry progress because of concern for the environment.	140
5.1.17	Table showing city wise frequency distribution about respondents' opinions on whether a well-known brand is always a safe product to buy.	141
5.1.18	Table showing city wise frequency distribution about respondents' opinions on whether the price of environment friendly products is usually higher than other products.	142
5.1.19	Table showing city wise frequency distribution about respondents' opinions on whether paint companies are generally doing a good job in helping protect the environment.	143
5.1.20	Table showing city wise frequency distribution about respondents' opinions on whether companies should place a higher priority on reducing pollution than on increasing their own profitability.	144
5.1.21	Table showing city wise frequency distribution about respondents' opinions on whether they would be willing to pay higher prices for environment friendly paints.	145
5.1.22	Table showing city wise frequency distribution about respondents' opinions on whether they often search for paint brands that are environment friendly.	146
5.1.23	Table showing city wise frequency distribution about respondents' opinions on whether they are motivated to buy environmental products.	147
5.1.24	Table showing city wise frequency distribution about respondents' opinions on whether they would be willing to switch brands for one that is more environment friendly.	148
5.1.25	Table showing city wise frequency distribution about respondents' opinions on either if a paint brand offers an environmental product or they will not buy that brand.	149
5.1.26	Table showing city wise frequency distribution about respondents' opinions on whether their family members (children, spouse, parents, siblings, extended family) have an influence on their green purchasing.	150
5.1.27	Table showing city wise frequency distribution about respondents' opinions on whether their friends/peers have any influence on their green purchasing.	152
5.1.28	Table showing city wise frequency distribution about respondents' opinions on whether the media (newspaper, internet, television, radio) influence their green purchasing.	154
5.1.29	Table showing city wise frequency distribution about respondents' opinions on whether most people who are important to them think that they should/should not buy green paints.	156
5.1.30	Table showing city wise frequency distribution about respondents' opinions on whether the people in their life whose opinions they value would approve/disapprove their opinion to purchase green paints.	158

5.1.31	Table showing city wise frequency distribution about respondents' opinions on whether it is expected (extremely likely/ extremely dislike) of them that they would purchase green paints.	159
5.1.32	Table showing city wise frequency distribution about respondents' opinions on whether it is true/false that most people, who are important to them, buy green paints.	160
5.1.33	Table showing city wise frequency distribution about respondents' opinions on whether most people in their life whose opinions they value buy/do not buy green paints.	161
5.1.34	Table showing city wise frequency distribution about respondents' opinions on whether compared to other traditional paints, they prefer green paints.	162
5.1.35	Table showing city wise frequency distribution about respondents' opinions on whether they think that buying green products would be good for them.	163
5.1.36	Table showing city wise frequency distribution about respondents' opinions on whether they think that buying green products would be good for the community.	164
5.1.37	Table showing city wise frequency distribution about respondents' opinions on whether they think recyclable paint would be a good idea.	165
5.1.38	Table showing city wise frequency distribution about respondents' opinions on whether they think that there was too much hype on environmental products.	166
5.1.39	Table showing city wise frequency distribution about respondents' opinions on whether for future purchases; they would plan to seek out environment friendly products.	167
5.1.40	Table showing city wise frequency distribution about respondents' opinions on whether it should be important to them that paints contain no Volatile Organic Compounds.	168
5.1.41	Table showing city wise frequency distribution about respondents' opinions on whether it should be important to them that paint contains no Lead material.	169
5.1.42	Table showing city wise frequency distribution about respondents' opinions on whether they avoid paints containing substances which might be harmful to human kind.	170
5.1.43	Table showing city wise frequency distribution about respondents' opinions on whether they pay attention on the paints contain unhealthy substances.	171
5.1.44	Table showing city wise frequency distribution about respondents' opinions on whether health issues would play an important role for them when they would make up their purchase decisions.	172
5.1.45	Table showing city wise frequency distribution about respondents' opinions on whether they would primarily buy paints which do not emit harmful fumes.	173
5.1.46	Table showing city wise frequency distribution about respondents' opinions on whether for future purchases; they would plan to buy environmental friendly paints for them.	174
5.1.47	Table showing city wise frequency distribution about respondents' opinions on whether they would plan to spend time searching company websites to learn more about environment friendly options.	175
5.1.48	Table showing city wise frequency distribution about respondents' opinions on whether for future purchases; they would take more time to search for environment friendly alternatives to products that they typically buy	176
5.1.49	Table showing city wise frequency distribution about respondents' opinions on whether they would frequently purchase environment friendly brands.	177
5.1.50	Table showing city wise frequency distribution about respondents' opinions on whether they would frequently search for brands those were known to offer environment friendly products.	178
5.1.51	Table showing city wise frequency distribution about respondents' opinions on whether when shopping for environment friendly paints, they often read the labels or tags.	159
5.1.52	Table showing city wise frequency distribution about respondents' opinions on whether they put a lot of effort into purchasing paint that is environment friendly.	180

5.1.53	Table showing city wise frequency distribution about respondents' opinions on whether they always believe that paints claiming to be environment friendly are actually environment friendly and good for the environment.	181
5.1.54	Table showing city wise frequency distribution about respondents' opinions on their preferences of shopping situation during purchase of paints.	182
5.1.55	Table showing city wise frequency distribution about respondents' opinions on rate of recurrence of paints at their place.	183
5.1.56	Table showing city wise frequency distribution about respondents' opinions on consistency in purchase of exterior distemper paints.	185
5.1.57	Table showing city wise frequency distribution about respondents' opinions on consistency in purchase of exterior emulsion paints.	187
5.1.58	Table showing city wise frequency distribution about respondents' opinions on consistency in purchase of interior paints.	188
5.1.59	Table showing city wise frequency distribution about respondents' opinions on consistency in purchase clear finish wood surface paints.	189
5.1.60	Table showing city wise frequency distribution about respondents' opinions on consistency in purchase opaque finish wood surface paints.	190
5.1.61	Table showing city wise frequency distribution about respondents' opinions on regularity of purchase of metal surface paints.	191
5.1.62	Table showing city wise frequency distribution about respondents' opinions on their information source for environment friendly paints.	192
5.1.63	Table showing city wise frequency distribution about respondents' opinions on influencing role in family decision making for the purchase of Environment Friendly Paints	194
5.2.1	City wise association between consumers' purchase intention level towards eco-friendly decorative paints across age group of respondent.	198
5.2.2	City wise association between consumers' purchase intention level towards eco-friendly decorative paints across gender of respondents.	201
5.2.3	City wise association between consumers' purchase intention level towards eco-friendly decorative paints across educational qualifications of respondents.	203
5.2.4	City wise association between consumers' purchase intention level towards eco-friendly decorative paints across occupation of respondents.	206
5.2.5	City wise association between consumers' purchase intention level towards eco-friendly decorative paints across marital status of respondents.	209
5.2.6	City wise association between consumers' purchase intention level towards eco-friendly decorative paints across monthly income groups of respondents.	211
5.2.7	City wise association between consumers' purchase intention level towards eco-friendly decorative paints across per capita income of respondents.	214
5.2.8	City wise association between consumers' purchase intention level towards eco-friendly decorative paints across family size of respondents.	217
5.2.9	City wise association between consumers' purchase intention level towards eco-friendly decorative paints across family type of respondents.	219
5.2.10	City wise association between consumers' purchase intention level towards eco-friendly decorative paints across children of respondents.	221
5.2.11	Table showing respondents' opinions on whether there is significant positive relationship between consumers' environmental knowledge and their motivation to purchase green paints.	225
5.2.12	Table showing respondents' opinions on whether there is significant positive relationship between consumers' environmental knowledge and their attitude towards green paints.	228

5.2.13	Table showing respondents' opinions on relationship between consumers' environmental belief and their motivation to purchase green paints.	231
5.2.14	Table showing respondents' opinions on whether there is significant positive relationship between consumers' environmental belief and their attitude towards green paints.	234
5.2.15	Table showing respondents' opinions on whether there is significant positive relationship between consumers' social norms and their motivation to purchase green paints.	237
5.2.16	Table showing respondents' opinions on whether there is significant positive relationship between consumers' social influence level and their attitude towards green paints.	240
5.2.17	Table showing respondents' opinions on whether there is significant positive relationship between consumers' social influence level and their intention to buy ecofriendly paints.	243
5.2.18	Table showing respondents' opinions on whether there is significant positive relationship between consumers' motivation to purchase green paints and their purchase intention towards green paints.	246
5.2.19	Table showing respondents' opinions on whether there is significant positive relationship between consumers' attitude and their purchase intention towards green paints.	249
5.2.20	Table showing respondents' opinions on whether there is significant positive relationship between consumers' motivation to purchase green paints and their attitude towards green paints.	252
5.2.21	Table showing respondents' opinions on relationship between consumers' purchase intention towards green paints and their actual purchase.	255
5.3.1	Correlation of independent variables: consumers' environmental knowledge, belief and social norms	259
5.3.2	Table showing respondents' opinions on whether there is significant collective association of consumers' environmental knowledge, belief and social norms with consumers' motivation towards green paints.	260
5.3.3	Table showing respondents' opinions on whether there is significant aggregate association of consumers' environmental knowledge, belief and social norms with consumers' attitude towards green paints.	264
5.3.4	Correlation of independent variables: consumers' social norms, attitude towards green paints and motivation to purchase green paints	268
5.3.5	Table showing respondents' opinions on whether there is significant collective association of consumers' social norms, attitude towards green paints and motivation to purchase green paints with consumers' purchase intention towards green paints.	269
5.3.6	Correlation between consumers' purchase intention towards green paints and their actual purchase behaviour.	273
5.3.7	Relationship of consumers' purchase intention towards green paints and their actual purchase behaviour	274

LIST OF FIGURES (VOLUME I)

Figure No	Particulars	Page No
1.5.1	Stylized Stage Model (S Ratneshwar, 2005)	10
1.6.1	The theory of Reasoned Action	11
1.6.2	Theory of Planned Behaviour	13
2.5.1	Theory of Reasoned Action	46
2.5.2	Theory of Planned Behaviour	49
2.5.3	Theoretical framework in study of Chan R.	56
2.5.4	Theory of Planned Behaviour used in retail theft study of Bailey A. A.	57
2.5.5	Theoretical framework in study of Kim & Chung	61
2.5.6	Theoretical framework in study of Sudayanti S	63
2.5.7	Theoretical framework in study of Sampson, L. K.	64
2.5.8	The proposed model of the study	65
4.2.1	Operational model	102

LIST OF CHARTS (VOLUME I)

Chart No	Particulars	Page No
2.3.1	Indian Chemical Industry Classification	28
2.3.2	Growth of Indian Paint Industry	29
2.3.3	Paint sales distribution in India	30
2.3.4	Market share of decorative paints in India	31
3.1	Chart showing demographic profile of respondents regarding occupation in Gujarat	82
3.2	Chart showing demographic distribution of respondents regarding age groups in Gujarat	84
3.3	Chart showing demographic distribution of respondents regarding gender in Gujarat	86
3.4	Chart showing demographic distribution of respondents regarding education qualification in Gujarat	88
3.5.1	Chart showing demographic distribution of respondents regarding monthly income group in Gujarat	91
3.5.2	Chart showing demographic distribution of respondents regarding per capita income group in Gujarat	92
3.6	Chart showing demographic profile of respondents regarding family type in Gujarat	94
3.7	Chart showing demographic profile of respondents regarding family size in Gujarat	95
3.8	Chart showing demographic profile of respondents regarding marital status in Gujarat	96
3.9	Chart showing demographic profile of respondents regarding number of children in Gujarat	98