

Contents

Chapter	Topic	Pg. No.
Chapter -1	Introduction	1 - 20
	1.1 Conceptual Framework	2
	1.2 Theme of The Study	5
	1.3 Objectives	6
	1.4 Details of Hypothesis/ Model/Theory/ Experiments used	6
	1.5 Study Area	7
	1.6 Relevance of the Study	14
	1.7 A Brief review of the work already done in the field	15
	1.8 Methodology of the Present Research Work	18
	1.8.1 Data Collection	18
	1.8.2 Data Preparation and Analysis	19
	1.8.3 Cartography and Mapping	20
	1.8.4 Report Writing	20
Chapter – 2	Physical Environment	21 - 30
	2.1 Location and Extent	21
	2.2 Physiographical characteristics	22
	2.3 Drainage system	22
	2.3.1 Perennial River Ganga	22
	2.3.2 Non-Perennial River Pandu	23
	2.4 Climate	23
	2.4.1 Temperature	23
	2.4.2 Range of Temperature	25
	2.4.3 Rainfall	25
	2.4.4 Seasonal Rainfall	26
	2.4.5 Monthly Rainfall	27
	2.4.6 Intensity of Rainfall	27
	2.5 Vegetation	28
	2.6 Soil	29

Chapter 3	Cultural Environment	31- 53
3.1	Living Environment	32
3.1.1	Absolute Urban Environment	33
3.1.2	Semi Urban Environment	34
3.1.3	Rural Environment	34
3.2	Social Environment	35
3.2.1	Religious Structure	35
3.2.2	Caste Structure	36
3.2.3	Culture	39
3.2.4	Literacy	40
3.3	Economic Environment	43
3.3.1	Environment Related to Primary Activities	44
3.3.2	Environment Related to Secondary Activities	45
3.3.3	Environment Related to Tertiary Activities	47
3.4	Demographic Environment	50
3.4.1	Population Distribution	50
3.4.2	Age structure	51
3.4.3	Sex Ratio	52
3.4.4	Others	53
Chapter 4	Domestic Solid Waste Disposal	54 - 99
4.1	Solid Waste Disposal	55
4.1.1	Spatial Distribution of Domestic Waste	55
4.1.2	Waste Disposal by Socio-economic Classes	59
4.1.3	Zone Wise Domestic Solid Waste Disposal	62
4.2	Disposal of Plastic Waste	74
4.2.1	Spatial Analysis of Plastic Waste Disposal	75
4.2.2	Plastic Waste Disposal by Socio Economic Classes	76
4.3	Disposal of Paper Waste	79
4.3.1	Spatial Analysis of Paper Waste Disposal	80
4.3.2	Paper Waste Disposal by Socio Economic Classes	82
4.4	Disposal of Metal waste	84
4.4.1	Spatial analysis of Metal waste disposal	84
4.4.2	Metal waste disposal by Socio economic Classes	86

4.5 Disposal of Glass Waste	88
4.5.1 Spatial Analysis of Glass waste disposal	89
5.4.2 Glass Waste disposal by socio-economic classes	89
4.6 Disposal of Rubber Waste	91
4.6.1 Spatial Analysis of Rubber waste disposal	92
4.6.2 Rubber Waste disposal by Socio-economic Classes	93
4.7 Disposal of Linen waste	93
4.7.1 Spatial Analysis of Linen Waste Disposal	94
4.7.2 Linen Waste Disposal by Socio economic Classes	95
4.8 Disposal of Other Waste	97
4.8.1 Spatial Analysis of Other Waste Disposal	98
4.8.2 Other waste disposal by Socio-economic Classes	98
Chapter 5 Kitchen Waste Disposal	100 - 141
5.1 Analysis of Total Kitchen Waste Disposal	101
5.1.1 Spatial Distribution of Kitchen Waste Disposal	102
5.1.2 Kitchen Waste Disposal by of Socio- economic Classes	106
5.1.3 Zone-Wise Kitchen Waste Disposal	108
5.2 Disposal of Vegetable Peels	119
5.2.1 Spatial Analysis of Vegetable Peels Disposal	120
5.2.2 Vegetable Peel Disposal by Socio-economic Classes	121
5.3 Disposal of Fruit Peels	124
5.3.1 Spatial Analysis of Fruit Waste Disposal	124
5.3.2 Fruit Peels Disposal by of Socio-economic Classes	126
5.4 Disposal of Food Waste	128
5.4.1 Spatial Analysis of Food Waste Disposal	128
5.4.2 Food Waste Disposal by of Socio-economic Classes	131
5.5 Disposal of Residual Waste	132
5.5.1 Spatial Analysis of Residual Waste Disposal	133
5.5.2 Residual Waste Disposal by Socio-economic Classes	135
5.6 Other Waste Disposal	137
5.6.1 Spatial Analysis of Other Waste Disposal	137
5.5.2 Other Waste Disposal by Socio-economic Classes	140

Chapter 6	Domestic Effluent	142 - 184
6.1	Water Consumption and Disposal	143
6.1.1	Spatial Distribution of Domestic Effluent	144
6.1.2	Water Consumption and Disposal by Socio-economic Classes	147
6.1.3	Zone-wise Domestic Waste Water Disposal	150
6.2	Water Consumption and Disposal in Kitchen	161
6.2.1	Spatial Analysis of Kitchen Water Consumption and Disposal	162
6.2.2	Kitchen Water Consumption and Disposal by Socio-economic Classes	163
6.3	Disposal of Bathroom Water	165
6.3.1	Spatial Analysis of Bathroom Water Consumption and Disposal	166
6.3.2	Bathroom Water Disposal by Socio-economic Classes	166
6.4	Water Disposal from Toilet	168
6.4.1	Spatial Analysis of Toilet Water Disposal	169
6.4.2	Water Disposal of Toilet by Socio-economic Classes	169
6.5	Water Disposal in House Cleaning	171
6.5.1	Spatial Analysis of House Cleaning Water Disposal	171
6.5.2	Water Disposal in House Cleaning by Socio-economic Classes	173
6.6	Water Disposal in Clothe Washing	174
6.6.1	Spatial Analysis of Clothe Washing Water Disposal	175
6.6.2	Water Disposal of Clothe Washing by Socio-economic Classes	176
6.7	Water Disposal by Leakage	178
6.7.1	Spatial Analysis of Water in Leakage	179
6.7.2	Water Disposal in Leakage by Socio-economic Classes	179
6.8	Other Water Disposal	181
6.8.1	Spatial Analysis of Other Water Usage and Disposal	182
6.8.2	Other Water Usage and Disposal by Socio-economic Classes	183

Chapter 7	Environmental Degradation and Impact Assessment of Domestic Waste Disposal	185 - 196
	7.1 Impact on Environment	186
	7.1.1 Air Pollution	187
	7.1.2 Soil Pollution	190
	7.1.3. Water Pollution	191
	7.1.4 Green House Effect	192
	7.1.5 Increased Growth Of Micro-Organisms And Insects	193
	7.2 Impact on Human Health	194
	7.3 Landscape Spoilage	195
Chapter 8	Domestic Waste Management	197 - 225
	8.1 Waste Generation, Collection and Ignored	198
	8.1.1 Zone-Wise Waste Generation	199
	8.1.2 Zone-Wise Waste Collection	200
	8.1.3 Zone-Wise Ignored Waste	201
	8.2 Solid Waste Management	202
	8.2.1 Prevailing Management Methods	203
	8.2.2 Suggestive Management Methods	211
	8.2.3 Managing Agents	214
	8.3 Liquid Waste Management	219
	8.3.1 Composition of Domestic Effluent	219
	8.3.2 Disposal of Domestic Effluent	220
	8.3.3 Management of Liquid Waste	221
Chapter 9	Summary and Conclusion	226 - 250
	9.1 Summary	226
	9.2 Major Findings	236
	9.3 Suggestions	245
	Conclusion	248
Bibliography		i – xi