

LIST OF FIGURES

Sl. No.	Figure No.	Particulars	Page. No.
1	2.1	Geography Matters to Transportation	35
2	4.1	GIS Layers or “Themes”	101
3	4.2	Layer Based Approach	102
4	4.3	Map Layer and Tabular Attributes Linked by Geographic Identifier	103
5	4.4	Objective Code Types	107
6	4.5	Raster and Vector Representations of Real World Data	114
7	4.6	Example of Geographical Map Data	127
8	4.7	Example of Computerized Database	128
9	4.8	Integration of Tabular Data with the Digital Map	128
10	4.9	Intelligent Map Developed (GIS Data)	129
11	4.10	Data Visualization	129
12	6.1	Respondents Breakup	160
13	6.2	Breakup Based on Occupation	161
14	6.3	Students Breakup	162
15	6.4	Breakup of Government Employees	162
16	6.5	Breakup of Private Company Employees	163
17	6.6	Breakup of Other Respondents	163
18	6.7	Canonical Discriminant Functions	191
19	6.8	Perceptual Map	193
20	7.1	GIS Application for Route Generation	225

21	7.2	Visual Basic – Front End Screen for Route Generation	226
22	7.3	GIS Based Decision Support System for Differential Pricing	227
23	7.4	Visual Basic Front End Screen for Pricing	228
24	7.5	Flow Chart	235