

LIST OF FIGURES

Figure No.	Title	Page No.
2.1	Location Map of Eastern Panchmahals	70
2.2	Topography of Eastern Panchmahals	74
2.3	Drainage System of Eastern Panchmahals	77
3.1	Human Turbulence determined by Natural Turbulence	93
3.2	Hierarchical displacement of Population from the Organized Society of Main Land	99
4.1	Pre-Historic Evolution	105
4.2	Evolution in Ancient Period	108
4.3	Evolution in Medieval Period	112
4.4	Evolution in Colonial Period	114
4.5	Evolution in Contemporary Period	118
4.6	Temporal Variation in Spatial Characteristics	120
4.7	Temporal Variation in Population and Occupational Structure	122
4.8	Probable Efficacy on Population	126
4.9	Probable Efficacy on Population of Tribes	128
4.10	Probable Efficacy on Tribal Population Density	130
4.11	Probable Efficacy on Tribal Arable Density	132
4.12	Probable Efficacy on Population of Literates	133
4.13	Probable Efficacy on Male – Female Literate Population	135
4.14	Probable Efficacy on Main Worker Population	137
4.15	Probable Efficacy on Population of Cultivators	139
4.16	Probable Efficacy on Infrastructure	141
4.17 (A,B,C,D)	Contemporary Probable Efficacy of Catalysts on Different Phenomena	149– 150
4.18	Probable Efficacy of Altitude, Distance from Urban Centres and Physiography on the mean decennial distribution of Phenomena	170
4.19	Probable Efficacy of Altitude, Distance from Urban Centres and Physiography on the Contemporary Distribution of Phenomena	171
5.1	Association between Altitude and Different Phenomena	185
5.2	Association between Distance from Towns and Different Phenomena	186
5.3	Association between Forest and Different Phenomena	188
5.4	Association between Cultivable Area and Different Phenomena	189
5.5	Association between Tribal Population and Different Phenomena	191

Figure No.	Title	Page No.
5.6	Association between Tribal Literate Population and Different Phenomena	192
5.7	Representation of Anticipation & Interlinkage between Phenomena and Nuclear Correlation Systems	195
5.8	The Impact of Distance and Time: Temporal Areal Variation in the Varying Distance Ranges	200
5.9	The Impact of Distance and Time: Temporal Variation in the Population Structure of Varying Distance Ranges	202
5.10	The Impact of Altitude and Time: Temporal Variation in the Areal Characteristic in Varying Altitudinal Ranges	204
5.11	The Impact of Altitude and Time: Temporal Variation in the Demographic Characteristics in Varying Altitudinal Ranges	206
5.12	The General Impact of Distance over Three Decades: Mean Temporal Variation in Areal Characteristics	207
5.13	The General Impact of Distance over Three Decades: Mean Temporal Variation in Demographic Structure	208
5.14	The General Impact of Altitude over Three Decades: Mean Temporal Variation in Areal Characteristics	209
5.15	The General Impact of Altitude over Three Decades: Mean Temporal Variation in Demographic Structure	210
5.16	Representation of impact of geographical (locational) factors on Distribution of Tribes	212
5.17	Comparative representation of village percentage against forest area and cultivable area percentage	213
5.18	Representation of village percentage with varying population density	214
5.19	Representation of village percentage with varying population density and tribal density	215
5.20	Comparative representation of village with varying tribal percentage and literate percentage	216
5.21	Distribution of Cultivable Area in varying locations	217
5.22	Distribution of Literate Population in varying locations	218
5.23	Distribution of Cultivator in varying locations	219
5.24	Distribution of Forest in varying locations	220
5.25	Distribution of Main Workers in varying locations	221
6.1	Intricacy of Problems	229
6.2	Association between Variables and Altitude	231
6.3	Association between Variables and Distance from Urban Centre	232
6.4	Association between Variables and Percentage of Forested Area	232
6.5	Association between Variables and Cultivable Land	233

Figure No.	Title	Page No.
6.6	Association between Variables and Tribal Land Percentage	233
6.7	Association between Variables and Tribes Percentage	234
6.8	Association between Variables and Literate Population Percentage	234
6.9	Association between Variables and Soil Depth	235
6.10	Tripodal Chain Reaction	240
6.11(a)	Proposed Plan for Afforestation and Water Management	246
6.11(b)	Application of Proposed Plan for Afforestation and Water Management	246
6.12	Terraced Water Reservoir	247
6.13	Surface Run-off and its Reverse Subterranean Flow	248