

## LIST OF FIGURES

NO.	TITLE	PAGE
1.	Budget Allocation for Micro Planning in Himachal Pradesh	14
2.	Total Forest Area Under the JFM Program in Different Forest Divisions in Gujarat State	14
3.	Year wise Formation of JFMCs in the Last Four Years in the State	16
4.	Electro Magnetic Spectrum	23
5.	Atmospheric Windows	24
6.	Spectral Reflectance Pattern of Different Materials	25
7.	Absorption of Different Wavelengths by Cellular Layers of Leaf	26
8.	Spectral Reflectance of Vegetation	26
9.	Climatic Scenario of Narmada District	43
10.	Methodology Flow Chart	53
11.	Spectral Reflectance of Closed, Open and Degraded Forests	90
12.	Spectral Reflectance of Agriculture and Sparse Tree-cover with Agriculture	91
13.	Spectral Reflectance of Non-Forest Classes	91
14.	Spectral Reflectance Pattern of Monoculture and Polyculture Plantations	100
15.	Potential Sites for JFM Plantations	103
16.	Number of Individuals in Each Girth Class in Selected Villages	120
17.	Number of Plant Species in Selected JFM Plantations	121
18.	Floristic Composition and Phytograph of Canopy Cover of JFM Plantations of Dhanor (Dediyapada Taluka)	124
19.	Floristic Composition and Phytograph of Under Cover of JFM Plantations of Dhanor (Dediyapada Taluka)	129
20.	Cattle Populations in JFM Villages	140
21.	Fuelwood Consumption from JFM Villages	141
22.	Difference Between Demand and Supply of Fuelwood in JFM Villages	143
23.	Weighted Sum Rank of JFM Villages	148