

LIST OF FIGURES

FIGURE NO.	TITLE	PAGE NO.
1.1	Location Map of Urpod beel.	36
1.2	Satellite Image of Urpod beel area showing location of sampling points.	38
2.1	Species composition of different phytoplankton groups.	75
2.2	Species composition of different zooplankton groups.	104
2.3	CCA ordination showing relationships between physico-chemical parameters and phytoplankton abundance in different seasons.	126
2.4	Canonical Correspondence Analysis (CCA) for the sixteen physico-chemical parameters and ten phytoplankton species in different seasons.	127
2.5	CCA ordination showing relationships between physico-chemical parameters and zooplankton abundance in different seasons.	128
2.6	Canonical Correspondence Analysis (CCA) for the sixteen physico-chemical parameters and ten zooplankton species in different seasons.	129
2.7	Different macrophytic groups of Urpod beel.	133
2.8	Percentage of different life forms of macrophytes.	134
2.9	Species availability of different families of macrophytes.	134
3.1	Seasonal fluctuation of DO and WT	161
3.2	Seasonal variations in TA, BIC and FCO ₂ .	167
3.3	Seasonal fluctuation of TH, CA and Mg	168
3.4	Seasonal fluctuation of TH, Cl and BIC	169
3.5	Seasonal variation of Plankton population	177
3.6	Abundance % of Phytoplankton groups.	180
3.7	Seasonal fluctuation in Phytoplankton Richness.	184
3.8	Abundance % of Zooplankton groups.	189
3.9	Seasonal fluctuation in Zooplankton Richness.	190
3.10	Different macrophyte groups in the beel with IVI values	203