

## List of Tables

<b>Table No.</b>	<b>Title</b>	<b>Page no.</b>
1.	Annual Ritual activities at Jotiba.	25
2.	Monthly variation in the temperature during the year Oct 2006 – Oct 2007.	30
3.	Monthly variation in the pH during the year Oct 2006 – Oct 2007.	33
4.	Monthly variation in the Electrical conductivity values during the year Oct 2006 – Oct 2007 .	36
5.	Monthly variation in the Total Solid content during the year Oct 2006 – Oct 2007.	39
6.	Monthly variation in the Total Dissolved Solid content during the year Oct 2006 – Oct 2007.	43
7.	Monthly variation in the Total Suspended Solid content during the year Oct 2006 – Oct 2007.	46
8.	Monthly variation in the Hardness values during the year Oct 2006 – Oct 2007.	49
9.	Monthly variation in the Total alkalinity values during the year Oct 2006 – Oct 2007.	52
10.	Monthly variation in the Free CO <sub>2</sub> values during the year Oct 2006 – Oct 2007.	56
11.	Monthly variation in the Dissolved Oxygen content during the year Oct 2006 – Oct 2007.	60
12.	Monthly variation in the Biological Oxygen Demand during the year Oct 2006 – Oct 2007.	63

13.	Monthly variation in the Chemical Oxygen Demand during the year Oct 2006 – Oct 2007.	65
14.	Monthly variation in the Inorganic Phosphorus values during the year Oct 2006 – Oct 2007.	69
15.	Monthly variation in the nitrate content during the year Oct 2006 – Oct 2007.	72
16.	Monthly variation in the Chloride content during the year Oct 2006 – Oct 2007.	76
17.	Monthly variation in the Sodium content during the year Oct 2006 – Oct 2007.	79
18.	Monthly variation in the Potassium content during the year Oct 2006 – Oct 2007.	82
19.	Monthly variation in the Calcium content during the year Oct 2006 – Oct 2007.	85
20.	Monthly variation in the Magnesium content during the year Oct 2006 – Oct 2007.	88
21.	Monthly variation in the Copper content during the year Oct 2006 – Oct 2007.	91
22.	Monthly variation in the Iron content during the year Oct 2006 – Oct 2007.	95
23.	Monthly variation in the Manganese content during the year Oct 2006 – Oct 2007.	98
24.	Monthly variation in the Oil and Grease content during the year Oct 2006 – Oct 2007.	101
25.	Total bacterial number recorded in studied sites seasonally.	104

26.	Comparative occurrence of total faecal coliform in different waterbodies.	105
27.	Phytoplankton recorded in Yamai lake.	110
28.	Seasonal variation in phytoplankton in the Yamai lake.	111
29.	Phytoplankton recorded in Kapurbao lake.	113
30.	Seasonal variation in phytoplankton in the Kapurbao lake.	114
31.	Phytoplankton recorded in Chavantali lake.	116
32.	Seasonal variation in phytoplankton in the Chavantali lake.	118
33.	Phytoplankton recorded in Gaimukh lake.	121
34.	Seasonal variation in phytoplankton in Gaimukh lake.	122
35.	Species similarity Index between lakes.	123
36.	Pollution Intensity Index (Physico-chemical)	128
37.	Pollution Intensity Index (Biological)	128