# LIST OF TABLES

<table>
<thead>
<tr>
<th>TABLE NO.</th>
<th>TABLE DESCRIPTION</th>
<th>PAGE NO.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Rainfall data for Hassan taluk 1996-98</td>
<td>100</td>
</tr>
<tr>
<td>2</td>
<td>Rainfall data for Hassan district 1996-98</td>
<td>100</td>
</tr>
<tr>
<td>3</td>
<td>Yearly and two yearly averages of physico-chemical complexes of the four lakes of Hassan district 1996-98</td>
<td>101</td>
</tr>
<tr>
<td>4</td>
<td>Seasonal average of physico-chemical complexes for the year 1996-97</td>
<td>103</td>
</tr>
<tr>
<td>5</td>
<td>Seasonal average of physico-chemical complexes for the year 1997-98</td>
<td>105</td>
</tr>
<tr>
<td>6</td>
<td>Seasonal average of physico-chemical complexes for the year 1996-98</td>
<td>107</td>
</tr>
<tr>
<td>7</td>
<td>Ionic composition (seasonal average) 1996-97</td>
<td>109</td>
</tr>
<tr>
<td>8</td>
<td>Ionic composition (seasonal average) 1997-98</td>
<td>110</td>
</tr>
<tr>
<td>9</td>
<td>Ionic composition (seasonal average) 1996-98</td>
<td>111</td>
</tr>
<tr>
<td>10</td>
<td>Ionic composition (seasonal average) 1996-98</td>
<td>112</td>
</tr>
<tr>
<td>11</td>
<td>Ionic composition of two yearly averages 1996-98</td>
<td>113</td>
</tr>
<tr>
<td>12</td>
<td>Yearly and two yearly averages of Pearsall's Basic Ratio 1996-98</td>
<td>113</td>
</tr>
<tr>
<td>13</td>
<td>Two yearly average of certain physico-chemical factors related to chlorococcales, 1996-98</td>
<td>126</td>
</tr>
<tr>
<td>14</td>
<td>Seasonal average of chlorococcales, 1996-98</td>
<td>127</td>
</tr>
<tr>
<td></td>
<td>Description</td>
<td>Page</td>
</tr>
<tr>
<td>---</td>
<td>------------------------------------------------------------------------------</td>
<td>------</td>
</tr>
<tr>
<td>15</td>
<td>Yearly and two yearly occurrence of chlorococcales, 1996-98</td>
<td>127</td>
</tr>
<tr>
<td>16</td>
<td>Seasonal occurrence of chlorococcales, 1996-98</td>
<td>128</td>
</tr>
<tr>
<td>17</td>
<td>Yearly and two yearly average occurrence of chlorococcales, 1996-98</td>
<td>128</td>
</tr>
<tr>
<td>18</td>
<td>Two yearly average of certain physico-chemical factors related to desmids, 1996-98</td>
<td>140</td>
</tr>
<tr>
<td>19</td>
<td>Seasonal average of desmids, 1996-98</td>
<td>141</td>
</tr>
<tr>
<td>20</td>
<td>Yearly and two yearly occurrence of desmids, 1996-98</td>
<td>141</td>
</tr>
<tr>
<td>21</td>
<td>Seasonal occurrence of desmids, 1996-98</td>
<td>142</td>
</tr>
<tr>
<td>22</td>
<td>Yearly and two yearly average occurrence of desmids, 1996-98</td>
<td>142</td>
</tr>
<tr>
<td>23</td>
<td>Two yearly average of certain physico-chemical factors related to diatoms, 1996-98</td>
<td>154</td>
</tr>
<tr>
<td>24</td>
<td>Seasonal average of diatoms, 1996-98</td>
<td>155</td>
</tr>
<tr>
<td>25</td>
<td>Yearly and two yearly occurrence of diatoms, 1996-98</td>
<td>155</td>
</tr>
<tr>
<td>26</td>
<td>Seasonal occurrence of diatoms, 1996-98</td>
<td>156</td>
</tr>
<tr>
<td>27</td>
<td>Yearly and two yearly average occurrence of diatoms, 1996-98</td>
<td>156</td>
</tr>
<tr>
<td>28</td>
<td>Two yearly average of certain physico-chemical factors related to cyanophyceae, 1996-98</td>
<td>167</td>
</tr>
<tr>
<td>29</td>
<td>Seasonal average occurrence of cyanophyceae, 1996-98</td>
<td>168</td>
</tr>
<tr>
<td>30</td>
<td>Seasonal occurrence of cyanophyceae against average of water and air temperature, 1996-98</td>
<td>169</td>
</tr>
<tr>
<td>31</td>
<td>Seasonal occurrence of cyanophyceae, 1996-98</td>
<td>170</td>
</tr>
<tr>
<td></td>
<td>Description</td>
<td>Page</td>
</tr>
<tr>
<td>---</td>
<td>-----------------------------------------------------------------------------</td>
<td>------</td>
</tr>
<tr>
<td>32</td>
<td>Yearly and two yearly occurrence of cyanophyceae, 1996-98</td>
<td>170</td>
</tr>
<tr>
<td>33</td>
<td>Yearly and two yearly average occurrence of cyanophyceae, 1996-98</td>
<td>171</td>
</tr>
<tr>
<td>34</td>
<td>Two yearly average of certain physico-chemical factors related to euglenoids, 1996-98</td>
<td>181</td>
</tr>
<tr>
<td>35</td>
<td>Seasonal average of euglenoids, 1996-98</td>
<td>182</td>
</tr>
<tr>
<td>36</td>
<td>Yearly and two yearly occurrence of euglenoids, 1996-98</td>
<td>182</td>
</tr>
<tr>
<td>37</td>
<td>Seasonal occurrence of euglenoids, 1996-98</td>
<td>183</td>
</tr>
<tr>
<td>38</td>
<td>Yearly and two yearly average occurrence of euglenoids, 1996-98</td>
<td>183</td>
</tr>
<tr>
<td>39</td>
<td>Two yearly seasonal average occurrence of phytoplankton, 1996-98</td>
<td>187</td>
</tr>
<tr>
<td>40</td>
<td>Seasonal average of phytoplankton, 1996-97</td>
<td>188</td>
</tr>
<tr>
<td>41</td>
<td>Seasonal average of phytoplankton, 1997-98</td>
<td>189</td>
</tr>
<tr>
<td>42</td>
<td>Yearly and two yearly average occurrence of phytoplankton, 1996-98</td>
<td>190</td>
</tr>
<tr>
<td>43</td>
<td>Relative abundance of organisms in percentage</td>
<td>191</td>
</tr>
<tr>
<td>44</td>
<td>Distribution pattern of phytoplankton in Kandali lake, 1996-97</td>
<td>192</td>
</tr>
<tr>
<td>45</td>
<td>Distribution pattern of phytoplankton in Kandali lake, 1997-98</td>
<td>193</td>
</tr>
<tr>
<td>46</td>
<td>Distribution pattern of phytoplankton in Makanakere, 1996-97</td>
<td>194</td>
</tr>
<tr>
<td>47</td>
<td>Distribution pattern of phytoplankton in Makanakere, 1997-98</td>
<td>195</td>
</tr>
<tr>
<td>48</td>
<td>Distribution pattern of phytoplankton in Hunasinkere, 1996-97</td>
<td>196</td>
</tr>
</tbody>
</table>
49 Distribution pattern of phytoplankton in Hunasinakere, 1997-98
50 Distribution pattern of phytoplankton in Sathyamangala lake, 1996-97
51 Distribution pattern of phytoplankton in Sathyamangala lake, 1997-98
52 Distribution pattern of chlorococcales
53 Distribution pattern of desmids
54 Distribution pattern of diatoms
55 Distribution pattern of cyanophyceae
56 Distribution pattern of euglenoids
57 Correlation Matrix I
58 Correlation Matrices II and III
59 Regression analysis
60 Seasonal occurrence of different groups of waterfowls, 1996-98
61 Distribution pattern of angiospermic plants recorded on the banks of the lakes, 1996-98