## LIST OF TABLES

<table>
<thead>
<tr>
<th>Table No</th>
<th>Title</th>
<th>Page No</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.1</td>
<td>Chapterization</td>
<td>38</td>
</tr>
<tr>
<td>3.1</td>
<td>Schematic Representation of the Survey Design</td>
<td>90</td>
</tr>
<tr>
<td>3.2</td>
<td>Preliminary Draft of the ATM</td>
<td>97</td>
</tr>
<tr>
<td>3.3</td>
<td>Final Draft of the Achievement Test in Mathematics</td>
<td>99</td>
</tr>
<tr>
<td>3.4</td>
<td>Dimension wise Distribution of TMO items</td>
<td>103</td>
</tr>
<tr>
<td>4.1</td>
<td>Mean and the Standard Deviation Scores of the Middle School Students in Mathematics</td>
<td>112</td>
</tr>
<tr>
<td>4.2</td>
<td>Mean Scores on Teachers Morale and the Mean Achievement Scores in Mathematics of the Middle School Students</td>
<td>113</td>
</tr>
<tr>
<td>4.3</td>
<td>Mean and the Standard Deviations Scores in Mathematics of the High School Students</td>
<td>115</td>
</tr>
<tr>
<td>4.4</td>
<td>Mean Scores on Teachers Morale and the Mean Achievement Scores in Mathematics of the High School Students and Teacher Morale</td>
<td>116</td>
</tr>
<tr>
<td>4.5</td>
<td>Mean and the Standard Deviations Scores in Mathematics of the Higher Secondary School Students</td>
<td>118</td>
</tr>
<tr>
<td>4.6</td>
<td>Mean Scores on Teachers Morale and Mean Achievement Scores in Mathematics of the Higher Secondary School Students and Teacher Morale</td>
<td>119</td>
</tr>
<tr>
<td>4.7</td>
<td>‘t’ values between the Mean Scores among Middle, High and Higher Secondary School Students</td>
<td>120</td>
</tr>
<tr>
<td>4.8</td>
<td>‘t’ values between the Mean Scores among the Rural Middle High and Higher Secondary School Students</td>
<td>121</td>
</tr>
<tr>
<td>4.9</td>
<td>‘t’ values between the Mean Scores among Urban Middle, High and Higher Secondary School Students</td>
<td>122</td>
</tr>
<tr>
<td>4.10</td>
<td>‘t’ values between Middle, High and Higher Secondary School Students Mean Scores with respect to Rural and Urban Locality</td>
<td>123</td>
</tr>
<tr>
<td>4.11</td>
<td>‘t’ values between the Mean Scores in Total of Aided Middle, High and Higher Secondary School Students</td>
<td>125</td>
</tr>
<tr>
<td>4.12</td>
<td>‘t’ values between the Mean Scores in Total of Government Middle, Higher Secondary School Students</td>
<td>126</td>
</tr>
<tr>
<td>4.13</td>
<td>‘t’ values between the Mean Scores among Middle, High and Higher Secondary School Students with Respect to Government and Aided Schools</td>
<td>127</td>
</tr>
<tr>
<td>4.14</td>
<td>‘t’ values between the Mean Scores among Middle, High and Higher Secondary School Students with Respect to Government and Aided Schools</td>
<td>129</td>
</tr>
<tr>
<td>4.15</td>
<td>‘t’ values between the Mean Scores among Male Students of Middle, High and Higher Secondary Schools</td>
<td>130</td>
</tr>
<tr>
<td>4.16</td>
<td>‘t’ values between the Mean Scores among the Female students of Middle, High and Higher Secondary Schools</td>
<td>131</td>
</tr>
<tr>
<td>4.17</td>
<td>‘t’ values between the Mean Scores among Middle, High and Higher Secondary School Students with Respect to Sex</td>
<td>132</td>
</tr>
<tr>
<td>4.18</td>
<td>‘t’ values between the Mean Scores of Middle, High and Higher Secondary School BC Students</td>
<td>134</td>
</tr>
<tr>
<td>4.19</td>
<td>‘t’ values between the Mean Scores of Middle, High and Higher Secondary School MBC Students</td>
<td>135</td>
</tr>
<tr>
<td>4.20</td>
<td>‘t’ values between the Mean Scores of Middle, High and Higher Secondary School SC Students</td>
<td>136</td>
</tr>
<tr>
<td>4.21</td>
<td>‘t’ values between the Mean Scores between BC and MBC Students of Middle, High and Higher Secondary Schools</td>
<td>137</td>
</tr>
<tr>
<td>4.22</td>
<td>‘t’ values between the Mean Scores between MBC and SC Students of Middle, High and Higher Secondary Schools</td>
<td>139</td>
</tr>
<tr>
<td>4.23</td>
<td>‘t’ values between the Mean Scores between SC and BC Students of Middle, High and Higher Secondary Schools</td>
<td>140</td>
</tr>
<tr>
<td>4.24</td>
<td>‘t’ values between the Mean Scores of Middle, High and Higher Secondary School Students with Respect to Parents Education</td>
<td>142</td>
</tr>
<tr>
<td>4.25</td>
<td>‘t’ values between the Mean Scores of Middle, High and Higher Secondary School Students with Respect to Parents Occupation</td>
<td>144</td>
</tr>
<tr>
<td>4.26</td>
<td>‘t’ values in the Students Mean Score in Total belonging to the Teachers of Low and High Teacher Morale</td>
<td>146</td>
</tr>
<tr>
<td>4.27</td>
<td>‘t’ values between the Mean Score of the Male Students belonging to the Teachers of Low and High Morale</td>
<td>148</td>
</tr>
<tr>
<td>4.28</td>
<td>‘t’ values between the Mean Score of the Female Students belonging to the Teachers of Low and High Morale</td>
<td>149</td>
</tr>
<tr>
<td>4.29</td>
<td>‘t’ values between the Mean Score of the Rural School Students belonging to the Teachers of Low and High Morale</td>
<td>150</td>
</tr>
<tr>
<td>4.30</td>
<td>‘t’ values between the Mean Score of the BC Community Students whose Teachers with Low and High Morale</td>
<td>151</td>
</tr>
<tr>
<td>4.31</td>
<td>‘t’ values between the Mean Score of the MBC Community Students whose Teachers are with Low and High Morale</td>
<td>152</td>
</tr>
<tr>
<td>4.32</td>
<td>‘t’ values between the Mean Score of the SC community Students whose Teachers are with Low and High Morale</td>
<td>153</td>
</tr>
<tr>
<td>4.33</td>
<td>‘t’ values between the Mean Score of the Students whose Parents’ Education is School Level and Whose Teachers with Low and High Morale</td>
<td>154</td>
</tr>
<tr>
<td>4.34</td>
<td>‘t’ values between the Mean Score of the Students whose Parents’ Education is College Level and whose Teachers with Low and High Morale.</td>
<td>155</td>
</tr>
<tr>
<td>4.35</td>
<td>‘t’ values between the Achievement of the Students whose Parents’ are Daily Wages whose Teachers are with Low and High Morale.</td>
<td>156</td>
</tr>
<tr>
<td>4.36</td>
<td>‘t’ values between the Achievement of the Students of Agriculture Parents’ Occupation and Teachers with Low and High Morale.</td>
<td>157</td>
</tr>
</tbody>
</table>
# LIST OF FIGURES

<table>
<thead>
<tr>
<th>Figure No</th>
<th>Titles</th>
<th>Page No</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Pie chart showing size of sample of Teachers</td>
<td>91</td>
</tr>
<tr>
<td>2.</td>
<td>Pie chart showing size of sample of Students</td>
<td>92</td>
</tr>
<tr>
<td>3.</td>
<td>Bar Diagram Showing the Mean Scores of Urban Middle, High and Higher Secondary School students with respect to Rural and Urban Locality</td>
<td>124</td>
</tr>
<tr>
<td>4.</td>
<td>Cylinder Diagram Showing the Mean Scores of Middle, High and Higher Secondary School students with respect to Government and Aided schools</td>
<td>128</td>
</tr>
<tr>
<td>5.</td>
<td>Cone Diagram Showing the Mean Scores of Middle, High and Higher Secondary School students with respect to Sex</td>
<td>132</td>
</tr>
<tr>
<td>6.</td>
<td>Bar Diagram Showing the Mean Scores of BC and MBC students of Middle, High and Higher Secondary Schools</td>
<td>138</td>
</tr>
<tr>
<td>7.</td>
<td>Cone Diagram Showing the Mean Scores of MBC and SC students of Middle, High and Higher Secondary School</td>
<td>141</td>
</tr>
<tr>
<td>8.</td>
<td>Bar Diagram Showing the Mean Scores of Middle, High and Higher Secondary School Students with respect to Parents Education</td>
<td>143</td>
</tr>
<tr>
<td>9.</td>
<td>Bar Diagram Showing the Mean Scores of Middle, High and Higher Secondary School students with respect to Parents Occupation</td>
<td>145</td>
</tr>
<tr>
<td>10.</td>
<td>Cylinder Diagram Showing the Students Mean Achievement on Total belonging to the teachers of Low and High teacher Morale</td>
<td>147</td>
</tr>
</tbody>
</table>