# List of Tables

<table>
<thead>
<tr>
<th>Sr. No.</th>
<th>Title</th>
<th>On/after page number</th>
</tr>
</thead>
<tbody>
<tr>
<td>I</td>
<td>Some Ayurvedic plants with noted/proven therapeutic activity.</td>
<td>4-6</td>
</tr>
<tr>
<td>II</td>
<td>Plant species from which secondary metabolites are obtained by using tissue culture technique.</td>
<td>9</td>
</tr>
<tr>
<td>III</td>
<td>Micropropagation of rare and economically important plants.</td>
<td>10-11</td>
</tr>
<tr>
<td>IV</td>
<td>Important elements for plant nutrition and their physiological role.</td>
<td>50</td>
</tr>
<tr>
<td>V</td>
<td>Composition of Murashige and Skoog (MS) a typical plant tissue culture medium.</td>
<td>51</td>
</tr>
<tr>
<td>VI</td>
<td>Effect of selected concentrations of cytokinin and auxin alone or in combination on callus growth of <em>D. falcata</em>.</td>
<td>63</td>
</tr>
<tr>
<td>VII</td>
<td>Effect of different concentrations of cytokinin and auxin on the growth of embryo of <em>D. falcata</em> after 3 weeks of culture.</td>
<td>67</td>
</tr>
<tr>
<td>VIII</td>
<td>Effect of various concentrations of cytokinin (BA and Kin) on multiple shoot induction from shoot tip and axillary node explants of <em>D. falcata</em>.</td>
<td>69</td>
</tr>
<tr>
<td>IX</td>
<td>Influence of BAP in combination with 2, 4-D on internode, node, embryo and leaf explants of <em>D. falcata</em>.</td>
<td>71</td>
</tr>
<tr>
<td>X</td>
<td>Influence of Kin in combination with 2, 4-D on internode, node, embryo and leaf explants of <em>D. falcata</em>.</td>
<td>72</td>
</tr>
<tr>
<td></td>
<td>Title</td>
<td>Page</td>
</tr>
<tr>
<td>---</td>
<td>---------------------------------------------------------------------------------------------</td>
<td>------</td>
</tr>
<tr>
<td>XI</td>
<td>Influence of BAP in combination with IBA, NAA and IAA on shoot multiplication from cotyledonary node and leaf node explants of <em>D. falcata.</em></td>
<td>73</td>
</tr>
<tr>
<td>XII</td>
<td>Influence of Kin in combination with IBA, NAA and IAA on shoot multiplication from cotyledonary node and leaf node explants of <em>D. falcata.</em></td>
<td>74</td>
</tr>
<tr>
<td>XIII</td>
<td>Effect of auxins (IBA and NAA) on rooting of <em>in vitro</em> regenerated shoots of <em>D. falcata.</em></td>
<td>75</td>
</tr>
<tr>
<td>XIV</td>
<td>Effect of auxins (IBA and NAA) in combination on rooting of <em>in vitro</em> regenerated shoots of <em>D. falcata.</em></td>
<td>76</td>
</tr>
<tr>
<td>XV</td>
<td>Antimicrobial activity of various extracts of <em>D. falcata.</em></td>
<td>77</td>
</tr>
<tr>
<td>XVI</td>
<td>Application of samples on TLC plate at Linomat-5.</td>
<td>77</td>
</tr>
<tr>
<td>XVII</td>
<td>Quantitative HPTLC analysis of chrys in from various leaf samples of <em>D. falcata.</em></td>
<td>77</td>
</tr>
</tbody>
</table>