DEPARTMENT OF BOTANY
Digitization of Flora of Thondaimanpatti

OBJECTIVES:
★ To study the flora of Thondaimanpatti
★ Digitization of the flora
★ Documentation of local knowledge in the use of Medicinal plants

METHODOLOGY & TECHNICAL ASPECTS:
⊙ Plants of the village was collected, identified and preserved for herbarium
⊙ Digitization of the flora of Thondaimanpatti
⊙ Ethnomedicinal survey was conducted and the traditional knowledge in the usage of medicinal plants was documented.

OUTCOME:
⇒ A total of 115 plants belonging to 48 families were recorded.

*Indigofera aspalathoides*, leaves, flowers and tender shoots- cooling, demulscent, employed in decoction in leprosy and cancerous affections
Root- chewed as a remedy for tooth ache
Plant- rubbed up with butter applied to reduce oedematous tumor
Leaves- applied in abscesses; oil from root- used to anoint the head in erysipelas
Decoction of entire plant- given as an alternative in secondary syphilis and psoriasis

*Capparis deciduas*, a plant mentioned in Mahabharata is also recorded in the bunds of water body which prevents soil erosion

⇒ A total of 48 plant species known to the people of Thondaimanpatti as medicinally important along with their mode of preparation and their detailed application was recorded. A few important plants are

<table>
<thead>
<tr>
<th>Relieve alcoholism</th>
<th>Brassica juncea (L.) Czern &amp; Kadugu</th>
<th>Brassicaceae</th>
<th>Seed</th>
<th>A table spoon of mustard seed powder is mixed with water and</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Condition</th>
<th>Plant Name</th>
<th>Family</th>
<th>Part Used</th>
<th>Treatment</th>
</tr>
</thead>
<tbody>
<tr>
<td>Itch, Scabby</td>
<td><em>Cynodon dactylon</em></td>
<td>Poaceae</td>
<td>leaves</td>
<td><em>Cynodon dactylon</em> is grinded with turmeric and applied on skin and washed after 1 hour</td>
</tr>
<tr>
<td>Tooth ache</td>
<td><em>Solanum xanthocarpum</em></td>
<td>Solanaceae</td>
<td>Seeds</td>
<td>The seeds are allowed to burn in the fire &amp; the vapour is inhaled through the mouth to cure the tooth ache</td>
</tr>
</tbody>
</table>