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, demulcent, 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

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<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>
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<tr>
<td>Coss.</td>
<td></td>
<td>taken in to relieve alcoholism</td>
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| **Itch, Scabby**  
*Cynodon dactylon* (L.) Pers. | Arugampul | Poaceae | leaves | *Cynodon dactylon* is grinded with turmeric and applied on skin and washed after 1 hour |
| **Tooth ache**  
*Solanum xanthocarpum* (L.) | Kantankatiri | Solanaceae | Seeds | The seeds are allowed to burn in the fire & the vapour is inhaled through the mouth to cure the tooth ache |