

## 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, demulscient, 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

Relieve alcoholism <i>Brassica juncea</i> (L.) Czern &	Kadugu	Brassicaceae	Seed	A table spoon of mustard seed powder is mixed with water and
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Coss.				taken in to relieve alcoholism
<b>Itch, Scabby</b> <i>Cynodon dactylon</i> (L.) Pers.	Arugampul	Poaceae	leaves	<i>Cynodon dactylon</i> is grinded with turmeric and applied on skin and washed after 1 hour
<b>Tooth ache</b> <i>Solanum xanthocarpum</i> (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

