

“ORGANIC DRUGS FROM THE PLANT KINGDOM”

Location	:	GOVERNMENT HIGH SCHOOL ALANKUPPAM, PUDUCHERRY <u>ghsakm88@gmail.com</u>
		12° .01` 8.50` N 79° .47` 53.75` E
Garden Area	:	
Commencement	:	2009
Coverage	:	200 Medicinal plants More than 100 herbs recognized by Students Extinct and endangered species conservation Make awareness of Grenotherapy
Objectives	:	1. Collection of varied plants 2. Identification of plants vernacular names 3. Study of Ethno medicinal properties of plants 4. Protection of natural habitat and environment. 5. Induction of traditional medicinal knowledge to students
Co-ordinator	:	M. SELVACOUMAR, T.G.T, Mobile : 9 4 8 6 3 9 8 0 1 5 Email : <u>selvakeerthi@gmail.com</u>

I had started the experiment in a self styled way. I am not certain about the distance travelled, but my experiment is on in weeds. I cultivate crops with weeds. I try my best to make people understand the contribution of weeds for a healthy survival of Humanity without much expectation. My motive is to make the commonest of the common person aware of the benefits / usage of weeds, so that before rushing to a doctor or medical store he or she can take a breath to look at the backyard of their houses or on the road-side to find simple remedy for the common ailments like cough, cold, headache, body pain, skin rash, fever, diarrhea, dysentery, acidity, constipation, vomiting etc. I am not a medical practitioner nor against the modern medicine or system. I believe in the balanced procedure of human health maintenance without having any absolute orientation towards any particular system.

Botanical Name - *Catharanthus roseus* :

This weeds is a life-time friend of the mankind



Scriptures:

**“Nityakalyanika prokta paitrukeee pitrumallika,
Sadapuspi mehahacha usapuspi cha gandhaha”**

.....(Swayamkruti)

Family	Apocynaceae – Kutaja-kulam
Distribution	Though a native of Madagascar island is found growing almost everywhere in India, especially in the cremation ground.
Habit & Growth	This is an ever flowering and everywhere growing annual in habit weed grows erect is a small and handsome plant
Stems	Are herbaceous, erect and brittle many in numbers
Leaves	Shining leaves are deep green oval, ovate and oblong
Flowers	White and Pink flowers are axillaries clusters in cymes
Fruit	Are in pairs of follicles

Known by the names	Pitrumallika in Sanskrit;Sadabahar, in Hindi;Sudukattu mallikar in Tamil;Panitagara, Nitimalli,Ainsakati,Sadabihari, in Oriya;Nayantara,Gulferingi, in Bengali, Usamalari,Savanari, in Malayalam;Billa ganneru, in Telugu; Sadaphal in Marathi; Kempokesi, Kanigalu in Kannada; Old maid in English
Potency	Is acrid, bitter and toxic
Roots	Are good in curing indigestion and its related complications, a health tonic and sedative, hypotensive and tranquilizing agents.
Leaves	Are the best rural medicines for diabetes. Three to four leaves a day could cure and keep the diabetes at bay. The leaf juices are also an effective remedy for was-stings and an active agen in checking the excessively profuse discharge of menses. The plant as a whole could cure leukemia. Mouth ulcers and sore throats.
Natural Chemical present	Alkaloids, ajmalicine, serpentine, Vincristine, reserpine, vincarodine, vincoline, antimiotic alkaloids,leurocolombine and vincamidine etc.,

Picture	Botanical Name	Medicinal properties
	<p>CURCUMA LONGA</p>	<p>Relief in headache and heal Gonrhoea , Oedema, insect bites , skin rash , used as antiseptice.</p>
	<p>WITHANIA SOMNIFERA</p>	<p>Nerving tonic, Hypnotic sedative also its cure tiredness and fatigue</p>
	<p>Clerodendrum Phlomidis</p>	<p>Cure paralysis and rheumatic disorders, muscles pains</p>



Ammania Beccifera

Cure typhoid, T.B, Venereal diseases, Psoriasis



Pachygone Ovata

Used for fertility, strengthen nerves system



Biophytum Sensitivum

Used for skin diseases, skin rashes, toning skin color



GLORIOSA SUPERBA

Used treating ,, eye disorders
AIDS , scorpion sting



ARTABOTRYS UNCINATUS

Extract oil used hair, eradicate
and cure cholera



ADHATODA VASICA

Used chronic bronchitis,
Asthma



CURCUMA ZEDOARIA

Helminthes, stomach disorder,
intestinal disorder



PERGULARIA DAEMIA

Liver disorder, external
application for throat infection



ASPARAGUS RACEMOSUS

Cure small pox and phlegmatic
and febrile temperature
diabetics and piles



OCIMUM VIOLACEUM

Wheezing, cure cough, and viral fever, increase memory power



SOLANUM TRILOBATUM

Respiratory ailment, TB, improve memory power, Rheumatism, constipation and gastic problem



MIMOSA PUDICA

Root extract are used for piles fistula. It cures copious urine.



PERIPLOCACEAE

Asthma bronchitis, burning sensation, white spot on skin, liver disorders, leucoderma



TETRASTIGMA LEUCORTA
PHYLLUM

Paste cure anemia chest pain stomach ache and in digestion also sprain



CISSUS XAVIERENSIS

Digestion, arrest vomiting sensation



CISSUS QUADRANGULARISVAR

Strengthen muscles , muscles sprain, rheumatoid



ACACIO RUGATA

Treating , emetic, removal of oil and free form dust.



ACORUS CALAMUS

Removal of antidote for passions bite cure cough and liver disorder tapeworm.



ANACYCLUS PHYRETHRUM

Treat the dragoness of the mouth toothache and throat infection.



INDIGOFERA TINETORIA

Venereal diseases and paralysis



SESBANIA GRANDIFLORA

Cure hyper tension, blood purification dioramic action reduce bad fat

	<p>RHINACANTHUS NASUTA</p>	<p>Removal of scorpion bite, snakebite.</p>
	<p>BALIOSPERMUM MONTANUM</p>	<p>Jaundice, spleen, liver disorder</p>
	<p>TYLOPHORA INDICA</p>	<p>Used for snake bite asthma dysentery, blood cancer</p>

	<p>CLESRODENDRUM INERME</p>	<p>Skin eruption, leprosy rheumatism</p>
	<p>ANDROGRAPHIS PANICULATA</p>	<p>All type of viral fever dengue and strengthen alimentary cancer</p>
	<p>VITEX TRIFOLIA</p>	<p>Removal of head ache, liver disorder, swelling of neck and cold</p>



VITEX NERGUNDO

Rheumatoid arthritis, paralysis
migraine, sinuses



CAPOTROPIS GIGANATA FORMA
ALBA

Sprain, snakebite, dog bits,
roots as been worshiped.



TERMINALIA BELLIRICA

Diabetes urinary disorders
vernal ulcers strengthen
stomach muscles



EMBLICA OFFICINALIS

TB vomiting sensation,
gonorrhoea cough, strengthen
muscles



GOSSYPIUM ARBOREUM

Fatigue diabetic rejuvenations,
strengthen hair roots



OCIMUM BASILICUM

Arrest vomiting sensation
ringworm, scorpion sting.



PISONIA GRANDIS

Gastric trouble leaves are used in sublimation all vaadha disorders



VETIVERIA ZIZANIODES

Used as hair tonic and dandruff remover



ALPINIA CALCARATA

Respiratory ailments, pyorrhea nervous disorder, cough and fever

	<p>PIPER LONGUM</p>	<p>Asthma, cold, TB, respiratory disorder and fever</p>
	<p>SEOPARIA DULCIS</p>	<p>Vitality sedative</p>
	<p>ANDROGRAPHIS ECHIODES</p>	<p>Strengthen hair roots, uterus strengthening during gestational period</p>



EUPHOSRABIA NERIFOLIO

Eczema, oedema, psoriasis, venereal dieses.



CENTELLA ASIATICA

Nerves disorders, filariasis skin dieses, intestinal disorder



CLITORIA TERNATEA

Constipation eye ailments mental faculty, viscera sore throught, intestinal worm

	<p>JUSTICIA GENDARUSSA</p>	<p>Rheumatism and inflammation of the testicles</p>
	<p>PEDALIUM MUREX</p>	<p>Decoction is given for infertility, kidney stones.</p>
	<p>CASTUS IGNEUS</p>	<p>Diabetics, Leprosy cough stomachache, rat bits.</p>

	<p>JUSTICIA TRANQYEBARIENSIS</p>	<p>Multi vitamins abundant, Small pox, chicken pox, wheezing.</p>
	<p>CALOPHYLLUM INOPHYLLUM</p>	<p>Leprosy, paralysis rheumatism</p>
	<p>STACHYTARPHETA URTICAEFOLIA</p>	<p>Ulcer, skin scratches, apses.</p>



CROTOLARIA VERRUCOSA

Dog bits, scorpion sting



CASSIA AURICULATA

Eyesore, diabetes, chyle urea enema



CYMBO POGON CITRATUE

Insecticide cassis disorder

	<p>ABRUS PRECATORIUS</p>	<p>Prolonged period age attaining</p>
	<p>HYBANTHUS ENNEASPERMUS</p>	<p>Vitality, urinary infections</p>
	<p>AREGEMONE MEXICANA</p>	<p>Tooth ache, diuretic, leprosy</p>



RAUVOLFIA TETRAPHYLLA

UTI, insomnia, epilepsy



CRESCENTIA CUJETE

Men infertility



PROSOPIS CINERARIA

Strengthen uterus, diarrhea,
lusture skin, snake bites



PLUMBAGO ZEYLANICA

Tumors, anemia, piles, arthritis
migraine



CAESALPINIA SAPPAN

Skin disease, diabetes, burning
sensation. .



SANSEVIERIA ROXBURGHIANA

Ear, nose, throat disorders,



ECLIPTA PROSTRATA

Jaundice, hair tonic, asthma
viral fever.



SUPERMACOCE HISPIDA

Cough piles, diarrhea.



MIMUMSOPS ELENGI

Sinusitis, toothache, eczema,
semen secretion.

	<p>KURRAYAPANICULATA</p>	<p>Scorpion bites & condiments</p>
	<p>LIPPIA NODIFLORA</p>	<p>Dysentery, oedema, dandruff, knee pains</p>
	<p>CROTALARIA LABURNIFOLIA</p>	<p>Eczema , intestinal worms, salivary secretion</p>



STEVIA REBARIADIANA
BERTONI

Diabetics , measles ,
chickenpox



HIBISCUS ROSA-SINENSIS

Anuresis, fever, cough, hair
growth



TABERNAE MONTANA
DIVARICATA

Bleeding disorder, arthritis, eye
sore

	MELIA COMPOSITA	Regulate Menstrual cycle all type of viral fever
	PONGAMIA PINNATA	TB , eczema all type of cough
	KALANCHOE PINNATA	Burns wounds, ulcer, vomiting sensation, discoloration of skin

	SANTALUM ALBUM	Skin ailments, headache, diabetics and fever
	Papalikeerai in Tamil	Rich iron increase hemoglobin
	Yanaikathu kizhangu in Tamil	Curing stomach disorder

	<p>AZIMA TETRACANLTRA</p>	<p>Burning wounds Rheumatism, dry cough, paralysis</p>
	<p>SESBANIA SESBAN VAR BICOLD</p>	<p>Eczema, oedema, migraine, scorpion stung and common cold</p>
	<p>TRAGIA INVOLUCATA LINN</p>	<p>Skin eruptions, bad lessens, scorpion stung anurea</p>

	JASMINUM SAMBAC	Indigestion air nose diseases, Brest cancer
	FICUS AURICULATA	Psoriasis, stunning of skins
	ANISOMELES MALABARICA	Cholera, chronic fever, snake bites, scorpion sting

	<p>ORMOCARPUM COCHINCHINENSE</p>	<p>Rich calcium ,treat broken bones and strengthen bones</p>
	<p>LARGESTROEMIA INDICA</p>	<p>Cancer, myeloid leukemia</p>
	<p>URGINEA INDICA</p>	<p>Haematuria , asthma , soles</p>



DICHROSTACHYS CINERIA

Leprosy, syphilis, diuretic,
scorpion sting



AEGLE MURMELOS

Venereal disease, piles, diarrhea
anemia, jaundice



COUROUPITA GUIANESIS

Stomach ache, cold, intestinal
gastritis

	BAUHINIATRACE MOSA	Speech, diuretic
	TINOSPORA CARDIFOLIA	Fatigue, indigestion, gonorrhoea
	CYPERUS ROTUNDUS	Diarrhea fever, scorpion sting, internal worms

	<p>CENTRATHERUM PUNCTUM</p>	<p>Hair tonic, all type of kabam diseases</p>
	<p>SPHAERANTHUS INDICUS</p>	<p>Gastric disorder, cough, jaundice, glandular swelling.</p>
	<p>HYGROPHILA AURICULATA</p>	<p>Anemia, tumors, UTI calculus, kidney stones, wheezing</p>

	WRIGHTIA TINCTORIA	Psoriasis, other skin diseases, menstrual cycle
	Pambuveerati in Tamil	Used as reptilian and
	HIBISCUS CANNABINUS	Hypertension, rheumatism, syphilitics



ACALYPHA ALNIFOLIA

Fever, skin diseases, piles,
anti-dots.



EUPATORIUM TRPLIINERVE

Diaphoretic and anti-periodic
try cough



BLEPHARIS MADERASPATENSIS

All type of eye disease and
strengthening eye powers



DATURADISCOLOR

Oedema, nervous disorder, try cough mental disorder, alopecia



TRICHODESMA AUPLEXICAULE

Anathematic, deobstruent



OLDENLANDIA UMBELLATA

Asthma, cough, skin diseases, abdominal spasm



AERVALANATA

Anuresis, bladder stones,
diuretic, snake poison.



TODDALIA ASIATICA

Stomach ache, asthma, fever,
join pain



EUPHORBIA TIRUCALLI

Scorpion sting, rheumatic
diseases

	<p>KLENIA GRANDIFLORA</p>	<p>Diabetic</p>
	<p>PIPER BETLE</p>	<p>Positions bite, cold, indigestion, stomach ache, skin diseases</p>
	<p>Purasu in Tamil</p>	<p>Skin diseases</p>



BOERHAAVIA DIFFUSAR LINN

All type of Head ache



EUPHORBIAGENICULATA

Stomach wash



CURCULLIGOORCHIOIDS

Diuretic, pelvic pain , stomach ache, menorrhagia , pain in ribs

	<p>MELOTHRIA MADERASPATAVA</p>	<p>Cataract, intestinal gas formation, bronchitis</p>
	<p>SOLANUM SURATTENSE BURN</p>	<p>Relive tooth ache, parasitical infection like escherchiacoli</p>
	<p>Sivanar vempu in Tamil</p>	<p>“An auspicious plant for lord Siva” Cure all type of Viral fever and skin diseases</p>