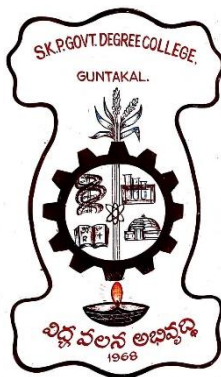


S.K.P. GOVT. DEGREE COLLEGE
GUNTAKAL



BEST PRACTICES

“BOTANICAL GARDEN”

DEPARTMENT OF BOTANY

S.K.P. GOVT. DEGREE COLLEGE
GUNTAKAL

Meeting

27/09/2017

The members of the garden committee meet In the department of at 11.30 AM on 27/09/2017 and discussed the various activities of the garden and department. the members suggested and resolved the fallowing points

1. To collect more number of medicinal plants
- 2 . To conduct a botanical tour
- 3 . To create awairness among the farmers regarding conventional
- 4 . To remove the weeds in the garden

Members

01. P. sashi Kiran

02. J. Bheemalingaiah

03. A.S. Vijay Kumar

GARDENING BY STUDENTS





“EXPLORATION OF COMMON MEDICINAL PLANTS”

S.NO.	BOTANICAL NAME OF THE PLANT	VERNACULAR NAME	FAMILY	SOURCE	USES
1.	Aristolochia bracteolata	Gadida gadapa	Arstolochiaceae	Roots	Purgative,anthelmintic,and for expelling round worms.
2	Asparagus resemosus	pilliteegalu	Liliaceae	Roots	Demulcent and in diarrhea and dysentery.
3	Punica granatum	Danimma	Punicaceae	Fruit and seeds	diarrhea and dysentery.
4	Withania somnifera	Ashvagandha	Solanaceae	Roots	Hicough,female disorders all type of skin lesion,ulcers and boils.
5	Adathoda vasica	addasaram	Acanthaceae	Leaves	Cough and Bronchitis
6	Agiratum conyzoides	Sahaadevi	Asteraceae	Whole plant	Fever
7	Hemidesmus indicus	sughandapala	Aslepiadaceae	Roots	As tonic,diuretic diaphoretic and demulcent.
8	Aerva lanta	Amarantaceae	kondapinikura	Aerial parts	.Kidney stones
9	Datura metal	Balu rakkasi	Papaveraceae	Stem, leaves & seeds	Brain fever, dandruff,cancer
10	Bauhinia variegata	kachnar	Caesalpiniaceae	bark	Used as tonic and anthelmintic.use ful in ulcers,leprosy and other skin diseases.
11	Bacopa monnieri	Brahmi	Scrophulariaceae	Whole Plant	Indigestion
12	Balanitis aegyptica	Gara	Balanitaceae	roots	Antidiabetic, headache & Lactation
13	Casuarina equisetifolia	Sarugudu Wood	Casuarinaceae	bark	Nervous disorders, acne, throat infections, stomach ulcer, constipation, cough, diabetes, diarrhoea, dysentery, ...
14	Cynodon dactylon	Garika	Poaceae	Leaves and stem	Blood purification
15	Clerodendrum serratum	Gunta Barangi	Verbenaceae	roots	Treatment of pain, inflammation, rheumatism and fever especially malarial fever.
16	Eclipta alba	Guntakalagara	Asteraceae	leaves	stimulate the digestive system, augment appetite, and improve digestion., hair tonic
17	Momordica dioica	Angakara	Cucurbitaceae	Fruits & leaves	Folk remedy for diabetes mellitus . The aqueous extract of Momordica dioica fruit very good anti-diabetic activity and is having high

					margin of safety.
18	Nyctanthes arbortristis	Parijatham	Nyctaginaceae	Stem,leaves	Anti-helminthic and anti-pyretic besides its use as a laxative, in rheumatism, skin ailments and as a sedative.
19	Ocimum tenuiflorum	Tulasi	Lamiaceae	Leaves	Aiding cough, asthma, diarrhea, fever, dysentery, arthritis, eye diseases, indigestion, gastric ailments, etc.
20	Solanum nigrum	Kamanchi	Solanaceae	Fruits	Treatment of bacterial infections, cough and indigestion. This plant has also been investigated for antiproliferative, antiseizure, antioxidant, antiviral, anti-inflammatory.
21	Sphaeranthus indicus	Bodasaram	Asteraceae	Leaves	Widely used in Ayurvedic system of medicine to treat vitiated conditions of epilepsy, mental illness, hemicrania, jaundice, hepatopathy,
22	Rivea hypocratoriformis	Bodditeega	Convolvulaceae	Whole Plant	Treat rheumatic pain, fever, urogenital problems, snake bites, cough, piles, malaria, and skin diseases.
23	Phyllanthus nirurii	Nela usiri	Euphorbiaceae	Whole Plant	Liver disorders(jaundice)
24	Sansevieria roxburghiana	Seganara	Agavaceae	Whole Plant	Air freshner(indoor Plant)
25	Spondias pinnata	Adavi mamidi	Anacardiaceae	Bark	Joint pains
26	Portulaca quadrifida	Sannapappukura	Portulacaceae	Whole Plant	Stomach disorders
27	Piper betel	Tamalapaku	Piperaceae	Leaves	Cough & cold
28	Paederia foetida	Gandha badulia	Rubiaceae	Leaves	treatment of inflammation, piles, and diarrhea
29	Oxalis corniculata	Pulichinta	Oxalidaceae	Whole Plant	
30	Orthosiphon rubicundus	Nelatappidi	Lamiaceae	Leaves	anti-inflammatory, antifungal, antiulcer, anticancer, antidiabetic, Liver disorders, antimicrobial and wound healing properties
31	Manilkara hexandra	Pala chettu	Sapotaceae	Leaves	treatment of excess thirst, emaciation, bleeding disorders, ulcer, bronchitis, jaundice, fever, arthritis etc.
32	Lanea coromandelica Merr.	Gumpena	Anacardiaceae	Whole Plant	treat hepatitis, diabetes, ulcers, heart disease, and dysentery
33	Phyllanthus emblica	Amla	Euphorbiaceae	Fruits	Hair growth, eye sight, rich in vitamine 'C'
34	Catharanthus roseus	Billaganneru	Apocynaceae	Roots,leaves	Anti-cancer,to cure Leukemia,anti diabetic
35	Caralluma adscendens	Kundelu kummulu	Asclepiadaceae	stem	Anti-hypoglycemic,anti-inflammatory,reduce obesity.
36	Gymnema sylvestre	Podapathri	Asclepiadaceae	Leaves	To keep hyperglycemia,high cholesterol.
37.	Eclipta prostrata	Bhringraj	Asteraceae	Whole plant	Hair tonic.
38	Citrullus	Chedupucha	Cucurbitaceae	Fruits	Helminthiasis, deafness

	colocynthis				jaundice
39	Plectranthus amboinicus	vamaku	Lamiaceae	Leaves	Cough
40	Aloe vera	Aloe	Liliaceae	Leaf juice	Antiviral,antifungal antibacterial
41	Azadirachta india	Neem	Meliaceae	Leaves ,bark,root	Fever jaundice,malaria,teeth problems.
42	Tinospora cordifolia	Tippateega	Menispeemaceae	Leaves	Memory liver protector,diabetes etc.
43	Syzygium cumini	Neredu	Myrtaceae	Bark, seeds	Diarrhoea, Diabetes
44	Boerhavia diffusa	Purnava	Nyctaginaceae	Leaves	Liver cardiac,spleen diseases.
45	Aegle marmelos	Maredu	Rubiaceae	Bark fruit	Cholera Diarrhea.
46	Cissus quadrangularis	Nalleru	Vitaceae	Whole plant	Orthopaedic disorders
47	Ocimum sanctum	Tulasi	Lamiaceae	Leaves and stem	Cough and indigestion
48	Cosytus speciosus	Insulin plant	Zingeberaceae	Leaves and rhizome	Antidiabetic property
49	Nyctanthus arbor-tristis	Parijatham	Oleaceae	Leaves	Rhumatoid Arthrites
50	Annona squamosa	Seethaphalam	Annonaceae	Seeds	Antifungal,antibacterial