

ETHIRAJ COLLEGE FOR WOMEN (Autonomous)

Chennai – 600 008

Affiliated to the University of Madras

College with Potential for Excellence

Reaccredited with A Grade by NAAC



2.3. TEACHING LEARNING PROCESS

2.3.1 Experiential and Participative Learning

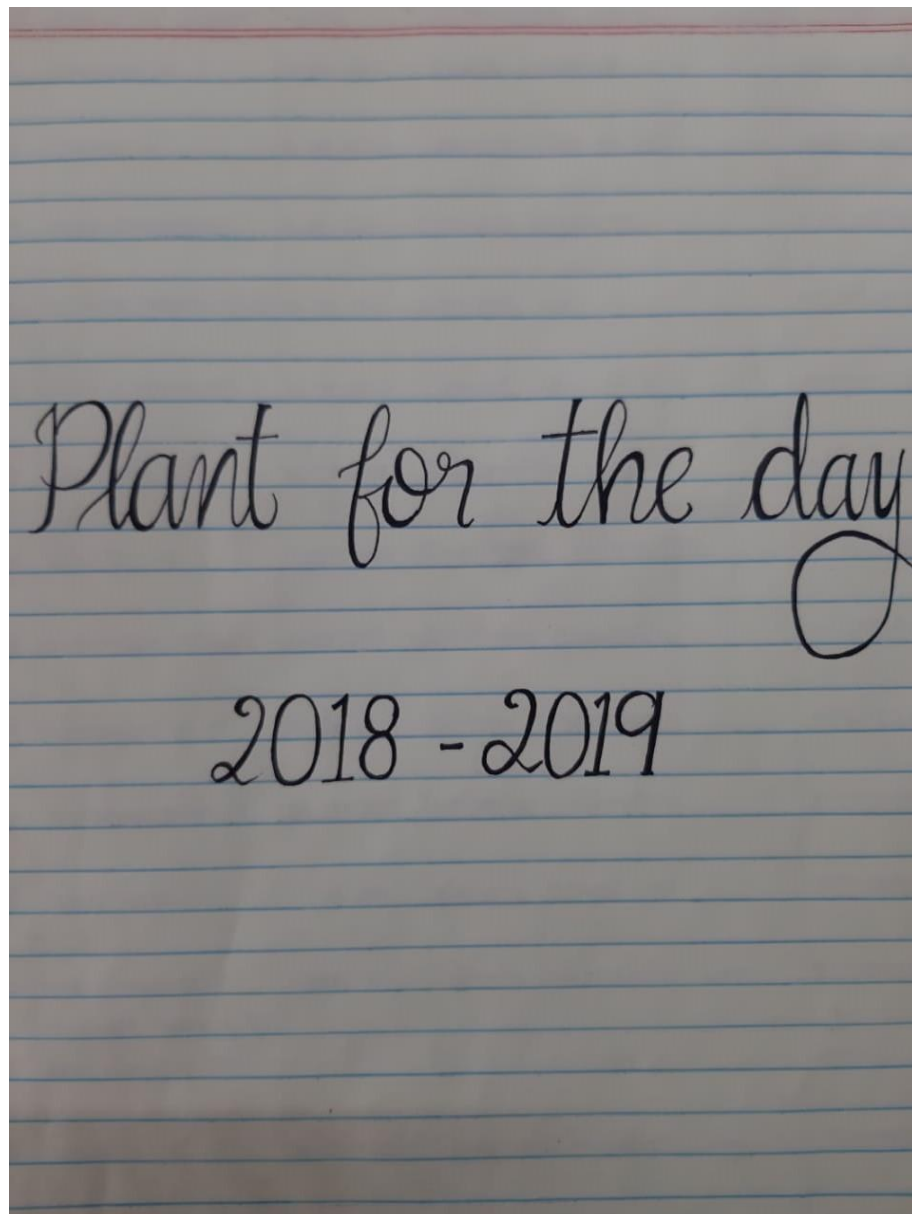
2.3.1 Student Centric Methods

LEARNING EXPERIENCES

PLANT FOR THE DAY

Undergraduate final year students are motivated to enhance the knowledge in the subject Taxonomy. Their asked to bring, identify and display the same with the plant name (Generic and Specific name – Binominal name) and family in the department. The list of plants and the photographs are submitted to the department at the end of the academic year.

2018 – 2019



2018-2019

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S. NO	NAME OF THE STUDENT	DATE	BINOMIAL NAME	FAMILY
1	ANUSHA M	7.09.2018	<i>Ipsea cerasoides</i>	ELIAGNACEAE
2	SHRUTI S	9.09.2018	<i>Laudisacantha pallida</i>	CAMBELIACEAE
3	TILAK SARDARHAI	15.09.2018	<i>Hibiscus rosarum</i>	APCYNACEAE
4	SARITHA TRIVEDIYA S	15.09.2018	<i>Cordia sp.</i>	ARTOCARACEAE
5	KIRANJA TRIVEDIYA S	16.09.2018	<i>Cordia sp.</i>	CARDACEAE
6	KANITHA S	16.09.2018	<i>Allamanda sp.</i>	APCYNACEAE
7	NIHITHA S	20.09.2018	<i>Evantaria dumicola</i>	APCYNACEAE
8	NEHA BRUNAKRISHNAN	21.09.2018	<i>Calotropis gigantea</i>	ASCLEPIADACEAE
9	YOGESHWARI M. D	27.09.18	<i>Hibiscus rosarum</i>	MALVACEAE
10	SUCHANDRASHRUTI R	28.09.2018	<i>Euphorbia splendens</i>	EUPHORBACEAE
11	SRI ARCHANA S	29.09.2018	<i>Tabeaia rosea</i>	BIGNONIACEAE
12	Mrs. Y. NIRMALINI Associate Professor & Head, Dept. of PPD	30.09.2018	<i>Tillandsia gussonei</i> Lam	EUPHORBACEAE
13	SUBANVA S	21.09.2018	<i>Turnera ulmifolia</i> Lam	TURNERACEAE
14	SANBLETHA S	20.09.2018	<i>Antigonon leptopus</i>	POLYGONACEAE
15	REKATHI Y	20.09.2018	<i>Cordia speciosa</i>	SAPINDACEAE

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S.NO	NAME OF THE STUDENT	DATE	BINOMIAL NAME	FAMILY
16	REVATHY . S	05.09.2018	<u>Capsicum annuum</u>	<u>SOLANACEAE</u>
17	REVATHI . A	06.09.2018	<u>Crossandra infundibuliformis</u>	<u>ACANTHACEAE</u>
18	RAMYA . T	07.09.2018	<u>Moringa oleifera</u> , Lam	<u>MORINGACEAE</u>
19	PRIYANKA . V	10.09.2018	<u>Heliotropium indicum</u>	<u>BORAGINACEAE</u>
20	PRIYADHARSHINI . R	11.09.2018	<u>Bauhinia acuminata</u>	<u>FABACEAE</u>
21	PRIYA . M	12.09.2018	<u>Ruellia simplex</u>	<u>ACANTHACEAE</u>
22	FRAGATHI . A	14.09.2018	<u>Leucophyllum frutescens</u>	<u>SCROPHULARIACEAE</u>
23	POORNIMA . S	15.09.2018	<u>Benincasa cerifera</u>	<u>CUCURBITACEAE</u>
24	NANDHINI . K	17.09.2018	<u>Celosia cristata</u>	<u>AMARANTACEAE</u>
25	MUKILARASI . M	18.09.2018	<u>Thalinum indicum</u>	<u>PORTULACACEAE</u>
26	MONISHA . G	19.09.2018	<u>Eranthemum sp.</u>	<u>ACANTHACEAE</u>
27	MANJOLA . M	20.09.2018	<u>Acalypha hispida</u>	<u>EUPHORBIACEAE</u>
28	Mrs. V. MANIMOZHI Associate Professor & Head, Dept of BBPB	24.09.2018	<u>Dillenia indica</u>	<u>DILLENACEAE</u>
29	KAMATCHI . G	25.09.2018	<u>Lantana camara</u> <u>Ixora coccinea</u>	<u>VERBENACEAE</u>

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S No	NAME OF THE STUDENT	DATE	BINOMIAL NAME	FAMILY
20	KEERTHANA K	26.09.2018	<i>Hibiscus cannabinus</i> <i>Celastrus spicata</i>	MALVACEAE AMARANTHACEAE
21	JAYASURNA G	27.09.2018	<i>Aerva lanata</i> <i>Oldenlandia umbellata</i>	AMARANTHACEAE RUBIACEAE
22	JSHWARYA K	29.09.2018	<i>Allamanda cathartica</i> <i>Punica granatum</i> <i>Physalis angulata</i>	APOCYNACEAE LYTHRACEAE SOLANACEAE
	Mrs Y. Manimozhi, Associate Professor & Head, Dept of PPPB			
23	HEMAYATHI M	01.10.2018	<i>Solanum trilobatum</i> <i>Enterolebium saman</i>	SOLANACEAE FABACEAE
24	GOMATHI G	03.10.2018	<i>Tecoma capensis</i> <i>Adenium obesum</i>	BIGNONIACEAE APOCYNACEAE
25	GOPIKA K	04.10.2018	<i>Nyctanthes arborescens</i>	OLEACEAE
26	DIVYA NANDHINI K	05.10.2018	<i>Mussaenda</i> sp. [Hybrid cultivar]	RUBIACEAE
27	DIVYA R	08.10.2018	<i>Quisqualis indica</i> <i>Vitex negundo</i>	COMBRETACEAE LAMIACEAE Santalaceae
28	DHANUSHA S	09.10.2018	<i>Lycopersicon esculentum</i>	SOLANACEAE
29	DEEPIKA D	10.10.2018	<i>Cassia siamea</i> <i>Jasminum sambac</i> <i>Tabernaemontana divaricata</i>	LEGUMINOSAE OLEACEAE APOCYNACEAE

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S. NO	NAME OF THE STUDENT	DATE	COMMON NAME	FAMILY
43	SAVITHA . S	29.11.2018	<i>Scorpio dulcis</i>	GEOMORBARIACEAE
44	REKSHY . V	29.11.2018	<i>Momordica charantia</i> <i>Tecoma stans</i>	CLETHRACEAE BIGNONIACEAE
45	REKSHY . S	30.11.2018	<i>Phyla nodiflora (cv)</i> <i>Lippia nodiflora</i>	VERBENACEAE
46	REKSHY . A	1.12.2018	<i>Marikara zapota</i>	SAPOTACEAE
47	RANVA . T	8.12.2018	<i>Lawsonia inermis</i> <i>Alternanthera sessilis</i>	LYTHRACEAE AMARANTHACEAE
48	PRINYKA . V	4.12.2018	<i>Ipomoea pes-caprae</i>	CONVOLVULACEAE
49	PRIVDHARSHINI . R	5.12.2018	<i>Acalypha wilkesiana</i> (Tahitian Gold)	LUPINACEAE
50	PRIVA . M	6.12.2018	<i>Astoria scholaris</i> <i>Vigna radiata</i>	APCYNACEAE FABACEAE Subfamily PAPILIONACEAE
51	PRAGATHI . A	7.12.2018	<i>Euphorbia hirta</i>	EUPHORBACEAE
52	NANISHINI . K	11.12.2018	<i>Cleome autumnale</i> <i>Chloris barbata</i>	CARTELACEAE POACEAE
53	MUSLARASI . M	12.12.2018	<i>Pisonia grandis</i>	NYCTAGINACEAE
54	MONISHA . G	17.12.2018	<i>Verbena tenuisecta</i>	VERBENACEAE

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Sl No	NAME OF THE STUDENT	DATE	ENTOMIAL NAME	FAMILY
40	ANILYA S	13.10.2018	<i>Suaeda tuberosa</i>	ACANTHACEAE
41	ANURYA N	13.10.2018	<i>Bauhinia ternstroemia</i> <i>Montinia calobura</i>	LEGUMINOSAE MELASTOMACEAE
42	YASINI S	15.10.2018	<i>Solanum tomentosum</i> <i>Taraxacum officinale</i> <i>Thymus serpyllifolius</i>	SOLEANACEAE ASTROACEAE LAMIACEAE
43	TIAKA PANANGMEI	16.10.2018	<i>Thunbergia nutans</i>	ACANTHACEAE
44	SHRUTI THAKREYA S	17.10.2018	<i>Plectranthus scutellarioides</i>	LAMIACEAE
45	RISHA PREVEN H	22.10.2018	<i>Portulaca grandiflora</i>	PORTULACACEAE
46	RANITHA S	23.10.2018	<i>Passiflora foetida</i>	PASSIFLORACEAE
47	NIKITHA D	24.10.2018	<i>Pentalimon luteum</i> <i>Cassia alata</i>	APCYNACEAE
48	NIHA BALAKRISHNAN	25.10.2018	<i>Gardenia jasminoides</i>	RUBIACEAE
49	YOGESHWARI M D	26.10.2018	<i>Podranea ricasoliana</i>	BIGNONIACEAE
50	SUEVA INDRESHINI F	29.11.2018	<i>Clerodendron ternstroemia</i>	LABIATAE
51	SRI ATCHAYA S	29.11.2018	<i>Euphorbia heterophylla</i>	EUPHORBIAEAE
52	SUSANYA S	29.11.2018	<i>Thunbergia grandiflora</i> <i>Plumeria pudica</i>	ACANTHACEAE APCYNACEAE

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65	MANJULA M	11.12.2018	<i>Baccharis diffusa</i>	NYCTAGINACEAE
66	KAMATCHI G	19.12.2018	<i>Bauhinia purpurea</i>	LEGUMINOSAE
67	KEERTHANA K	-	-	-
68	JAYASURIYA G	10.12.2018	<i>Clerodendron inesme</i>	VERBENACEAE
69	ISHWARYA K	18.12.2018	<i>Luffa cylindrica</i>	CUCURBITACEAE
70	HEMAYATHI M	19.12.2018	<i>Solanum melongena</i>	SOLANACEAE
71	GOMATHI G	21.12.2018	<i>Pentas lanceolata</i>	RUBIACEAE
72	GOPIKA K	-	-	-
73	DIVYA NAMBHINI K	03.01.2019	<i>Clerodendrum splendens</i>	VERBENACEAE
74	DIVYA R	04.01.2019	<i>Bougainvillea spectabilis</i>	NYCTAGINACEAE
75	DIANUSHA S	07.01.2019	<i>Cinum asiaticum</i>	AMARYLLIDACEAE
76	DEEPIKA D	08.01.2019	<i>Brassica nigra</i>	BRASSICACEAE
77	AKALYA S	09.01.2019	<i>Tasminum azoricum</i>	OLEACEAE
78	ANUSUYA N	10.01.2019	<i>Callistemon lanceolatus</i>	MYRTACEAE
79	YAMINI S	11.01.2019	<i>Bauhinia acuminata</i>	LEGUMINOSAE
				Sub family CAESALPINIOIDEAE
			<i>Caesalpinia pulcherrima</i>	CAESALPINIOIDEAE

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S.NO	NAME OF THE STUDENT	DATE	BINOMIAL NAME	FAMILY
80.	SADHIYA THAMEENA .S	19.01.2019	<i>Yinca rosea</i>	APOCYNACEAE
81	RIFANIA PARVEEN .H	21.01.2019	<i>Angelonia augustifolia</i>	SCROPHULARIACEAE
82.	RANSITHA .S	22.01.2019	<i>Cleome viscosa</i>	CAPPARIDACEAE
83.	NIKITHA .B	23.01.2019	<i>Datura metel</i>	SOLANACEAE
84.	NEHA BALAKRISHNAN	24.01.2019	<i>Ocimum sanctum</i>	LAMIACEAE
85.	YOGESWARI .M.D	25.01.2019	<i>Gomphrena decumbens</i>	AMARANTHACEAE
86.	SURYADHARSHINI R	04.02.2019	<i>Solanum torvum</i>	SOLANACEAE
87.	SUGANYA .S	06.02.2019	<i>Euphorbia milli</i>	EUPHORBIACEAE
88.	SANGEETHA .S	07.02.2019	<i>Tridax procumbens</i>	ASTERACEAE
89.	REVATHY V	08.02.2019	<i>Achyranthes aspera</i>	AMARANTHACEAE
90.	REVATHY S	11.02.2019	<i>Vernonia sp</i>	ASTERACEAE
91.	REVATHI .A	12.02.2019	<i>Melampodium sp</i>	ASTERACEAE
92.	RAMYA.T	13.02.2019	<i>Calotropis gigantea</i>	ASCLEPIADACEAE
93.	PRIYANKA .V	14.02.2019	<i>Gonon sparsiflorus</i>	EUPHORBIACEAE
94.	PRIYADHARSHINI .R	15.02.2019	<i>Ocimum sanctum</i>	LAMIACEAE

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SNO	NAME OF THE STUDENT	DATE	ETHNOSPICAL NAME	FAMILY
93	PREYA M	16.02.2019	<i>Cephalandra indica</i>	CUCURBITACEAE
94	PRAGATHI A	18.02.2019	<i>Justicia simplex</i>	ACANTHACEAE
95	NAVYANI K	19.02.2019	<i>Alternanthera sessilis</i>	AMARANTHACEAE
96	NDULAKASI M	20.02.2019	<i>Cephalandra indica</i>	CUCURBITACEAE
97	MONISHA G	21.02.2019	<i>Taxidax procumbens</i>	ASTERACEAE
98	KEERITHANA K	22.02.2019	<i>Crossandra undulatifolia</i>	ACANTHACEAE
99	MANJULA M	04.03.2019	<i>Leucas aspera</i>	LAMIACEAE
100	KAMARAJ G	05.03.2019	<i>Solanum torvum</i>	SOLANACEAE

V. Manojini 24/2/2019

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Ethical College for Women
Chennai - 600 003

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S.NO	NAME OF THE STUDENT	DATE	BOTANICAL NAME	FAMILY
17.	PRIYA VARSHINI	9.7.19	<i>Cordia sebestena</i>	BORAGINACEAE
18.	PRIVANKA	10.07.19	<i>Delonix regia</i>	LEGUMINOSAE CAESALPINIIDACEAE
19.	RACHANA	11.07.19	<i>Punica granatum</i>	PUNICACEAE
20.	RAGASHREE	12.07.19	<i>Isidax procumbens</i>	ASTERACEAE
21.	REKHA	15.07.19	<i>Allium cepa</i>	LILIACEAE
22.	SARASWATHI	16.07.19	<i>Gnossandra infundibuliformis</i>	ACANTHACEAE
23.	SHANGARI	17.07.19	<i>Hibiscus rosa-sinensis</i>	MALVACEAE
24.	SIVAGAMI	18.07.19	<i>Clitorea ternatra</i>	LEGUMINOSA
25.	SUBHA LAKSHMI	22.07.19	<i>Minosa pudicata</i> <i>Minosoidae</i>	LEGUMINOSAE
26.	SUBHA SRI	23.07.19	<i>Oldenlandia umbellata</i>	RUBIACEAE
27.	VAISHNAVI	24.07.19	<i>Volkameria inermis</i>	LAMIACEAE
28.	SUSITHRA	25.07.19	<i>Guazuma stolonifera</i>	STERICULIACEAE
29.	SUFIYA	26.07.19	<i>Ocimum basilicum</i>	LAMIACEAE

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S. NO	NAME OF THE STUDENT	DATE	BOTANICAL NAME	FAMILY
30	VARALAKSHMI	2.08.19	<i>Portulaca portulacacea</i>	Cryptopetalae
31	YOGARAJESHWARI	3.08.19	<i>Datura metel</i>	SOLANACEAE
32	HANUSHA	5.08.19	<i>Tabebuia rosea</i>	BIGNONIACEAE
33	NIHARIKA	6.08.19	<i>Annona squamosa</i>	ANONACEAE
34	RAJADURGA	7.08.19	<i>Terminalia Catappa</i>	COMBRETACEAE
35	ASHWATHI	8.08.19	<i>Cucumis sativus</i>	CUCURBITACEAE
36	PANCHULA LINGILENGI	13.08.19	<i>Polyalthia longifolia</i>	ANONACEAE
37	VISHNU PRIYA	14.08.19	<i>Vitex trifolia</i>	VERBENACEAE
38	ANJALI KUMARI	19.08.19	<i>Pongamia glabra</i>	LEGUMINOSAE
39	ANDAL	21.08.19	<i>Euphorbia tirucalli</i>	EUPHORBIACEAE
40	BHARATHI	26.08.19	<i>Duranta repens</i>	VERBENACEAE
41	BUVANESHWARI	27.08.19	<i>Moringa olifera</i>	MORINGACEAE
42	ANU KRUTHIKA	28.08.19	<i>Euphorbia hirta</i>	EUPHORBIACEAE
43	DEEPA LAKSHMI	29.08.19	<i>Asparagus racemosus</i>	LILIACEAE
44	PHANYA	30.08.19	<i>Passiflora foetida</i>	CUCURBITACEAE
45	DIVYA	31.08.19	<i>Mirabilis Jalapa</i>	NYCTAGINACEAE

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46.	GIYATHRI	4.09.19	<u>Ruellia nudiflora</u>	<u>APOCYNACEAE</u>
47.	DURGA	5.09.19	<u>Cleome viscosa</u>	<u>CAPPARACEAE</u>
48.	JAYADEVI	6.09.19	<u>Daemia extensa</u>	<u>ASCLEPIADACEAE</u>
49.	MADHUMATHI	10.09.19	<u>Heliotropium indicum</u>	<u>BORAGINALES</u>
50.	KALAIYANI	14.09.19	<u>Writia tinctoria</u>	<u>APOCYNACEAE</u>
51.	MOUNICA	17.09.19	<u>Eclipta elba</u>	<u>ASTERACEAE</u>
52.	MANUSHYA	18.09.19	<u>Hamelia patens</u>	<u>RUBIACEAE</u>
53.	MEENA PRIYADHARINI	23.09.19	<u>Leucas aspera</u>	<u>LAMIACEAE</u>
54.	PAVITHRA	25.09.19	<u>Solanum trilobatum</u>	<u>SOLANACEAE</u>
55.	PRIYA VARSHINI	26.09.19	<u>Nyctanthus arbor</u> - <u>tristis</u>	<u>OLEACEAE</u>
56.	PRIYANKA	27.09.19	<u>Clerodendron unguis</u>	<u>VERBENACEAE</u>
57.	RAGHASHREE	30.09.19	<u>Portulaca sp.</u>	<u>PORTULACACEAE</u>
58.	REKHA	1.10.19	<u>Sporobolus sp.</u>	<u>POACEAE</u>
59.	RACHANA	3.10.19	<u>Theselia sp</u>	<u>APOCYNACEAE</u>
60.	SARASWATHI	4.10.19	<u>Acalypha indica</u>	<u>EUPHORBIACEAE</u>
61.	SHANKARI	5.10.19	<u>Phyllanthus niruri</u>	<u>EUPHORBIACEAE</u>

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62.	SIVAGAMI	10.10.19	Lantana camara	VERBANACEAE
63.	SUBHA LAKSHMI	11.10.19	Euphorbia milli	EUPHORBIA
64.	SUBHA SRI	12.10.19	Gomphrena decumbens	AMARANTACEAE
65.	SUFIYA	14.10.19	Solanum physalis	SOLANACEAE
66.	SUSITHRA	15.10.19	Callistemon citrinus	MYRTACEAE
67.	VAISHNAVI	16.10.19	Eranthemum sp	ACANTHACEAE
68.	VARAKSHMI	17.10.19	Vernonia cinerea	ASTERACEAE
69.	VOUARAJESHWARI	21.10.19	Cephalandra indica	CUCURBITACEAE
70.	ANJALI KUMARI	29.10.19	Rida acuta	MALVACEAE
71.	HANUSHA	30.10.19	Vitex negundo	VERBENACEAE
72.	NIHARIKA	31.10.19	Cosmos sulphureus	ASTERACEAE
73.	RAJADURGA	1.11.19	Agrostis sp	POACEAE
74.	ASHWATHI	29.11.19	Senecio occidentalis	FABACEAE
75.	PAMCHULA LUNGLENGI	29.11.19	Cryptophila paniculata	CARYOPHYLLACEAE
76.	VISHNU PRIYA	30.11.19	Bougainvillea spectabilis (orange)	NYCTAGINACEAE

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78.	BHARATHI	7.12.19	<i>Rosa species</i>	<u>ROSACEAE</u>
79.	ANU KRUTHIKA	9.12.19	<i>Chloris Virgata</i>	<u>POACEAE</u>
80.	BHARATHI	10.12.19	<i>Rosa species</i>	<u>ROSACEAE</u>
81.	BHUVANESHWARI	11.12.19	<i>Momordica charantia</i>	<u>CUCURBITACEAE</u>
82.	DEEPA LAKSHMI	13.12.19	<i>Quisqualis indica</i>	<u>COMBRETACEAE</u>
83.	DHANYA	14.12.19	<i>Millingtonia hortensis</i>	<u>BIGNONIACEAE</u>
84.	DIVYA	15.12.19	<i>Aerva lanata</i>	<u>AMARANTHACEAE</u>
85.	DURGA	16.12.19	<i>Physalis minima</i>	<u>SOLANACEAE</u>
86.	JAYADEVI	19.12.19	<i>Caesalpinia pulcherrima</i>	<u>CAESALPINOIDEAE</u>
87.	GAYATHRI	18.12.19	<i>Euphorbia heterophylla</i>	<u>EUPHORBIACEAE</u>
88.	KALAIVANI	20.12.19	<i>Cyperus rotundus</i>	<u>CYPERACEAE</u>
89.	MADHUMATHI	24.12.19	<i>Gomphrena globosa</i>	<u>AMARANTHACEAE</u>
90.	MANUSHYA	6.01.20	<i>Brassica nigra</i>	<u>BRASSICACEAE</u>
91.	MEENA PRIVADARSHINI			
92.	MOUNICA	28.01.20	<i>Datura metel</i>	<u>SOLANACEAE</u>
93.	PAVITHRA	28.01.20	<i>Bauhinia purpurea</i>	<u>FABACEAE</u>

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94.	PRIVA VARSHINI	4.02.20	<u>Cynosurus cristatus</u>	<u>DORILEAE</u>
95.	PRIVANKA	5.02.20	<u>Lantana incana</u>	<u>LYTHRACEAE</u>
96.	RACHANA	6.02.20	<u>Oldenlandia umbellata</u>	<u>RUBIACEAE</u>
97.	RAQASHREE	7.02.20	<u>Ocimum sanctum</u>	<u>LAMIACEAE</u>
98.	REKHA	11.02.20	<u>Pitheca guajava</u>	<u>MYRTACEAE</u>
99.	SARASWATHI	12.02.20	<u>Alternanthera versicolor</u>	<u>AMARANTHACEAE</u>
100.	SHANQARI	13.02.20	<u>Melia azadirach</u>	<u>MELIACEAE</u>
101.	SIVADAMI	14.02.20	<u>Bauhinia tonkinensis</u>	<u>CAESALPINIODEAE</u>
102.	SUBHA LAKSHMI	17.02.20	<u>Canna indica</u>	<u>CANACEAE</u>
103.	SUBHA SHRI	18.02.20	<u>Portulaca sp</u>	<u>PORTULACAEAE</u>
104.	VAISHNAVI	19.02.20	<u>Thumborgia erecta</u>	<u>ACANTHACEAE</u>
105.	SUSITHRA	26.02.20	<u>Duranta diffusa</u>	<u>PASSIFLORACEAE</u>
106.	SUFIYA	27.02.20	<u>Moringa oleifera</u>	<u>MORINGACEAE</u>
107.	VARALAKSHMI	8.03.20	<u>Euphorbia hirta</u>	<u>EUPHORBIAEAE</u>
108.	YOUARAJESHWARI	9.03.20	<u>Polyalthia longifolia</u>	<u>ANONACEAE</u>
109.	ANJALI KUMARI	12.03.20	<u>Ruellia simplex</u>	<u>ACANTHACEAE</u>

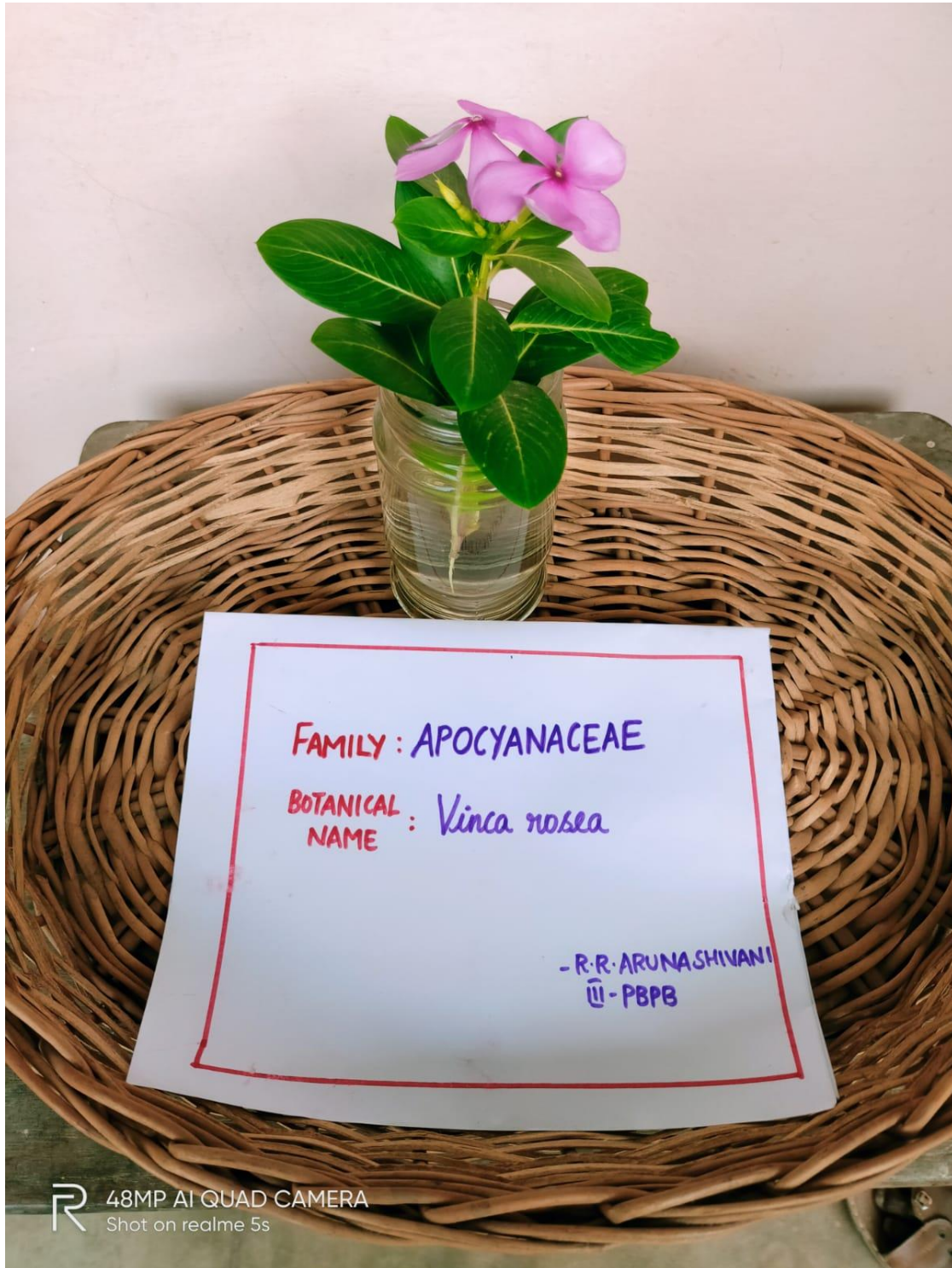
Mrs. V. MANIMOZHI M.Sc., M.Phil.
Associate Professor & Head
Department of Plant Biology & Plant Biotechnology
Ethiraj College for Women
Chennai - 600 008.

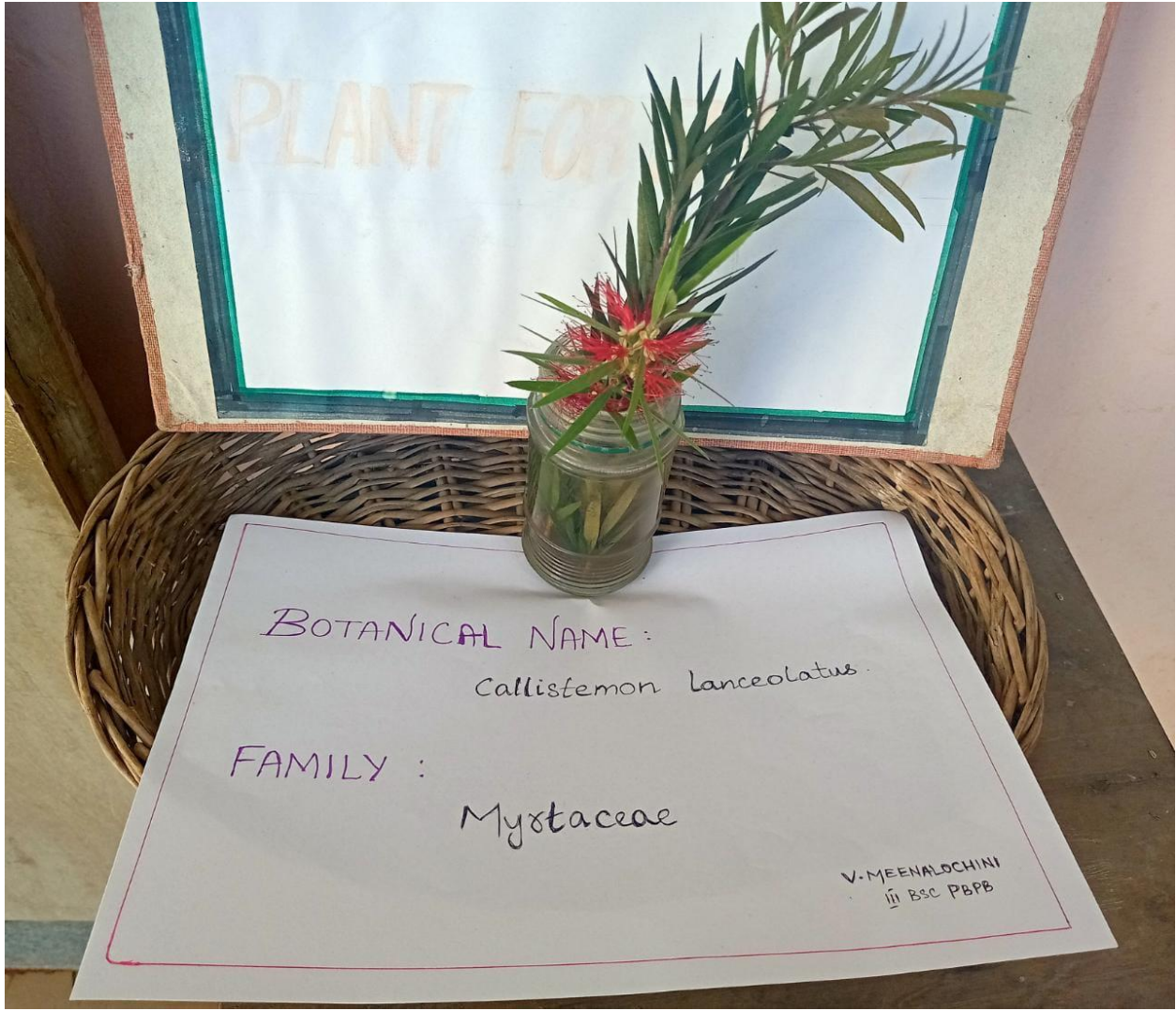
V. Manimozhi 19/3/2020

2020 -2021

Pandemic period – Frequent Lock Down

2021 -2022





BOTANICAL NAME :
Callistemon lanceolatus.

FAMILY :
Myrtaceae

V. MEENALCHINI
II BSC PBPB



PLANT FOR THE DAY

SCIENTIFIC NAME :
BRASSICA CAMPESTRIS
FAMILY :
BRASSICACEAE

R. SNEHA
B.Sc. PBPA



PLANT FOR THE DAY

Synedrella nodiflora
• ASTERACEAE

J. yagashree
III BSc PBPB



SCIENTIFIC NAME

Allamanda cathartica L.

FAMILY :

APOCYNACEAE

SONIKA CHANDAR
III B&C PBPB

SCIENTIFIC NAME:

Centratherum punctatum

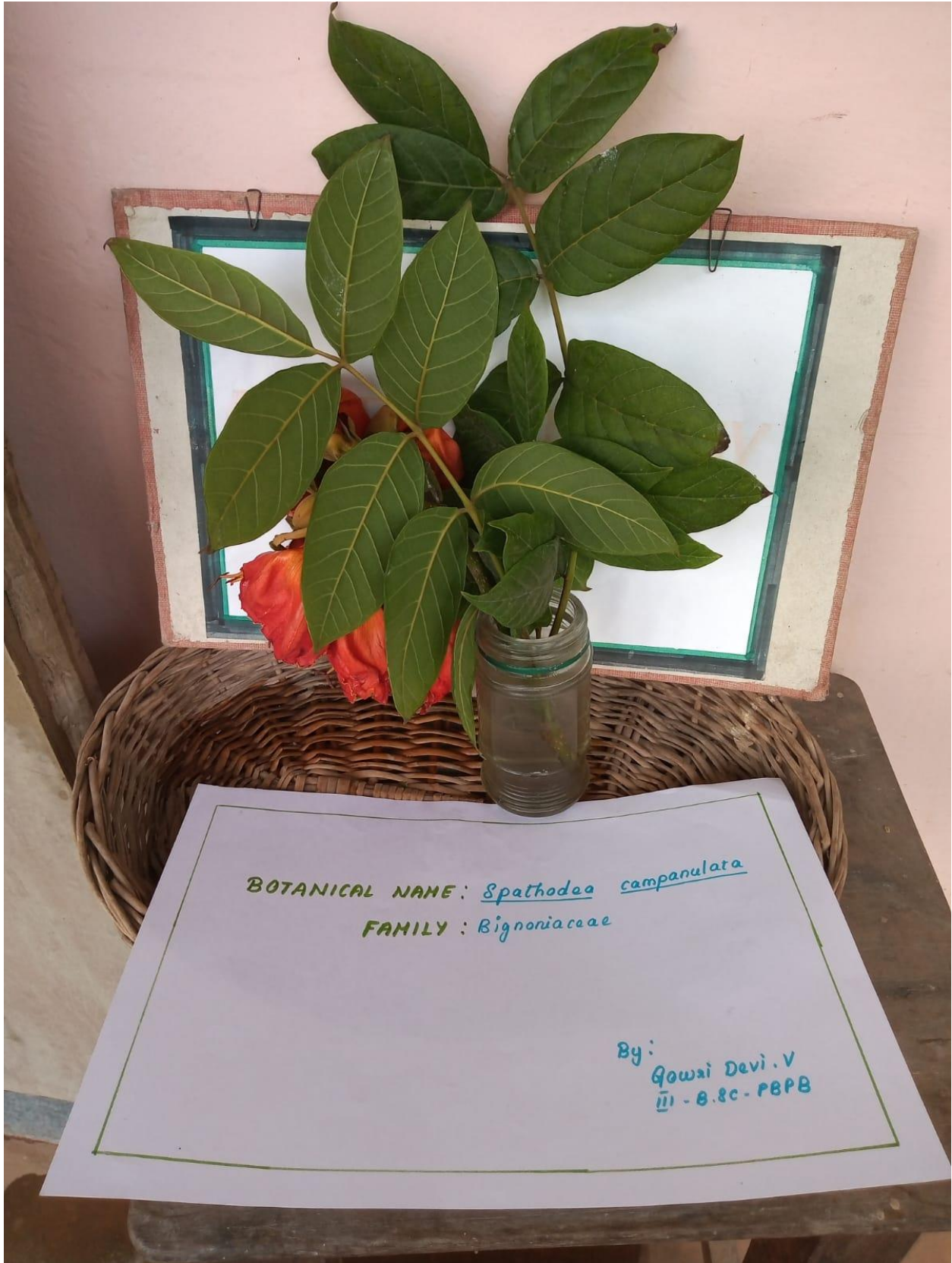
FAMILY:

Asteraceae

VIJAYA SHREE · V
M. Sc. B. Sc. 7898



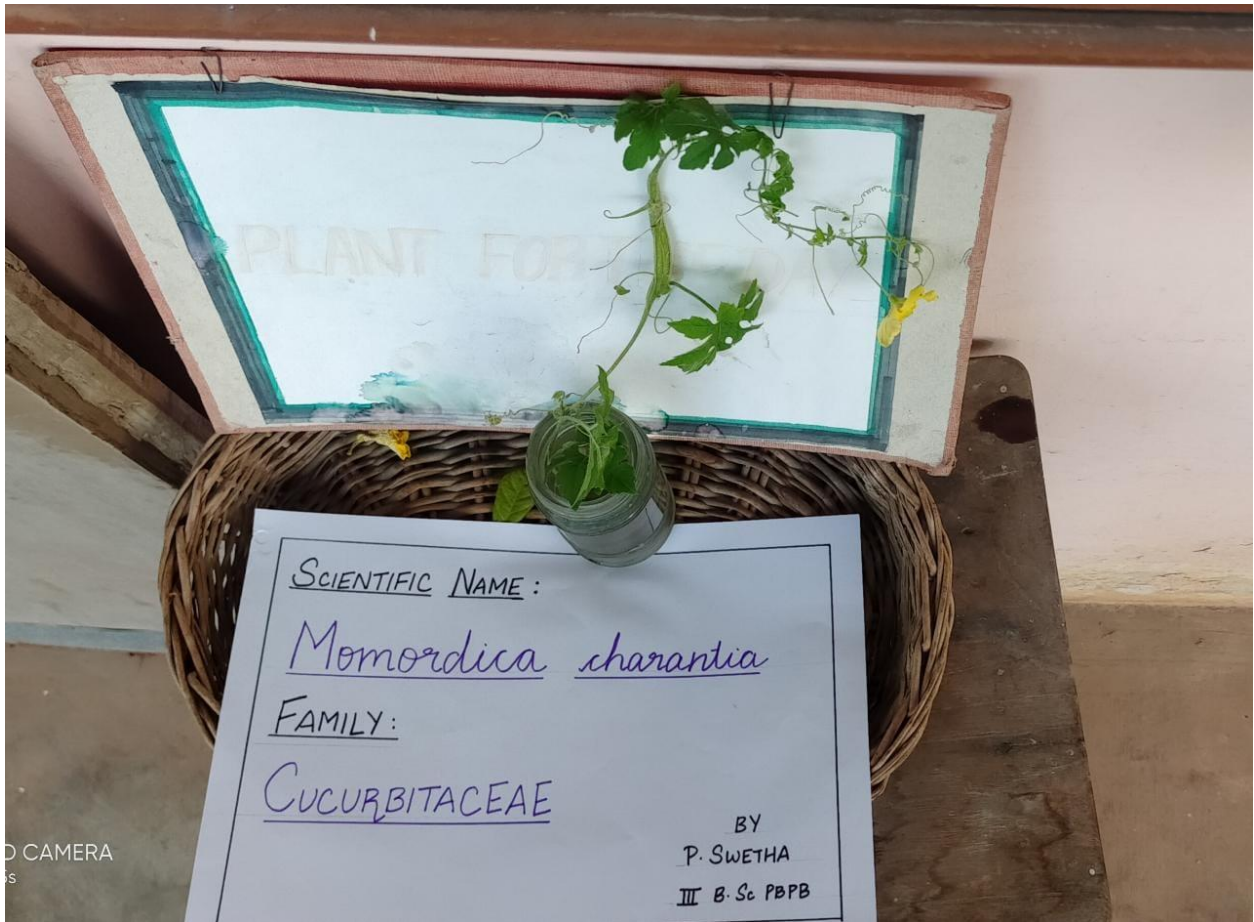
SHOT ON REDMI Y3
AI DUAL CAMERA



BOTANICAL NAME: *Spathodea campanulata*

FAMILY: Bignoniaceae

By:
Gowai Devi.V
III - B.Sc - PBPB



SCIENTIFIC NAME :

Momordica charantia

FAMILY :

CUCURBITACEAE

BY
P. SWETHA
III B.Sc PBPB

D CAMERA
S

SCIENTIFIC NAME:-

Ricinus communis

FAMILY:-

Euphorbiaceae

3



SUBA SHREE-V
TIRU BSC PBPB



BINOMIAL NAME : Combretum indicum

FAMILY : Combretaceae

M. Ashwarya
III - B.Sc PBPB

PLANT FOR THE DAY

Scientific Name - Thunbergia erecta

Family - Acanthaceae

●○ REDMI NOTE 8 PRO
∞ AI QUAD CAMERA

Sri varshini.G
3rd year PBPB

PLANT FOR THE DAY

BINOMIAL NAME : *Coccinia grandis* /
Cephalandia indica

FAMILY : Cucurbitaceae

-D. YUVASHREE
III - B.Sc PBPB



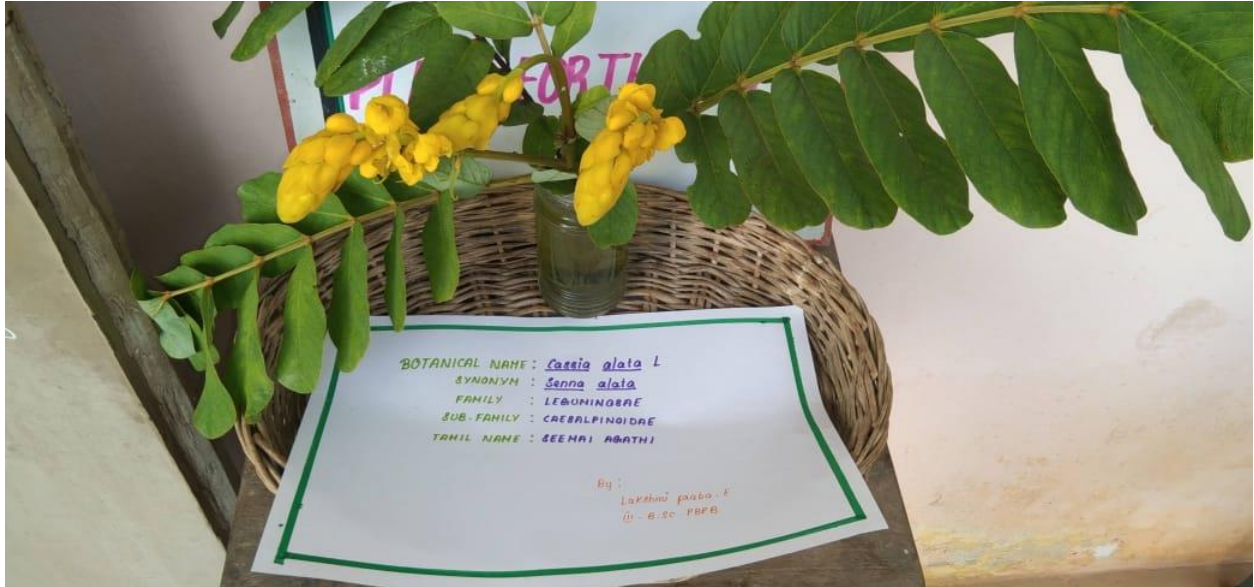


ALLAMANDA CATHARTICA
APOCYNACEAE

A. VELVIZHI
BSc. P&P.

Scientific name : Mirabilis jalapa
Family : Nyctaginaceae
BY
SUBASHINI.S
III YEAR PGFB





BOTANICAL NAME : Cassia glata L
SYNONYM : Senna alata
FAMILY : LEGUMINOSAE
SUB-FAMILY : CAESALPINIOIDEAE
TAMIL NAME : SEEMAI AATHI

By : Lakshmi paboo . C
in . B.Sc . P.P.P.A

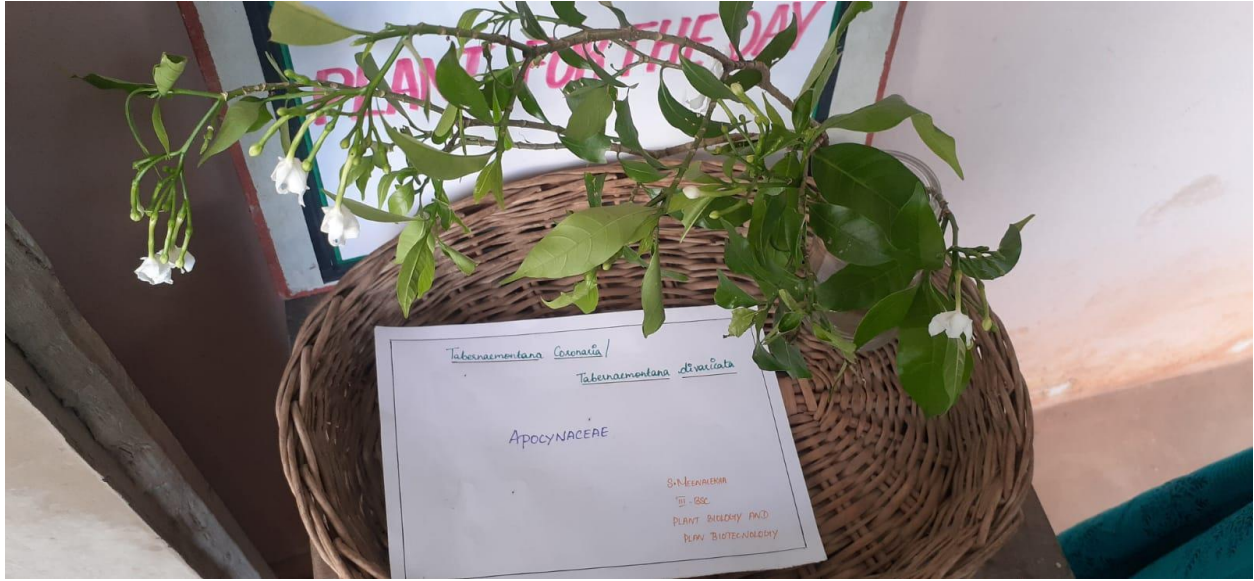


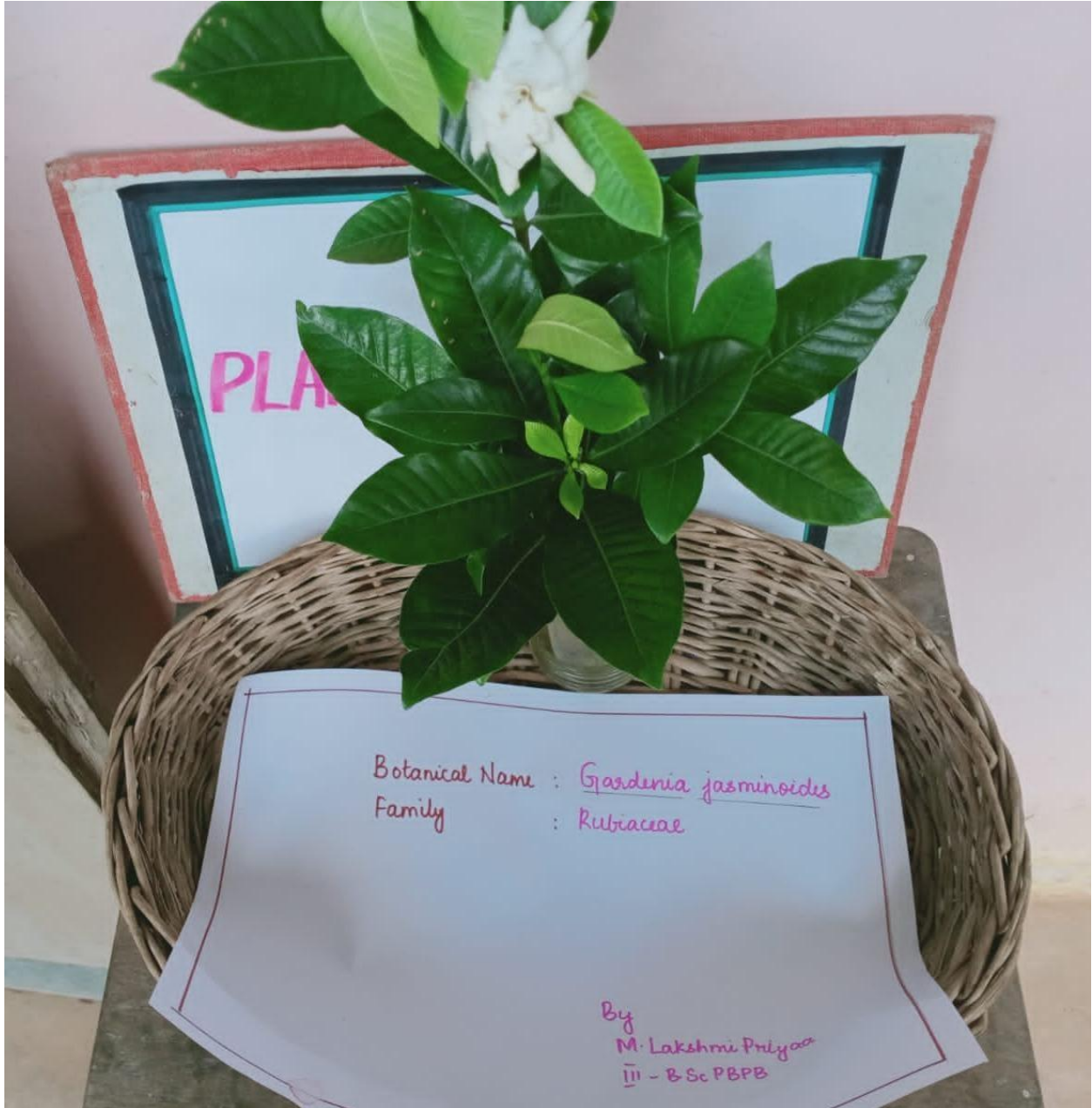
PLANT FOR THE DAY

POLYGONACEAE
Antigonon leptopus

- V. SANJANA
III - B.Sc PBPB

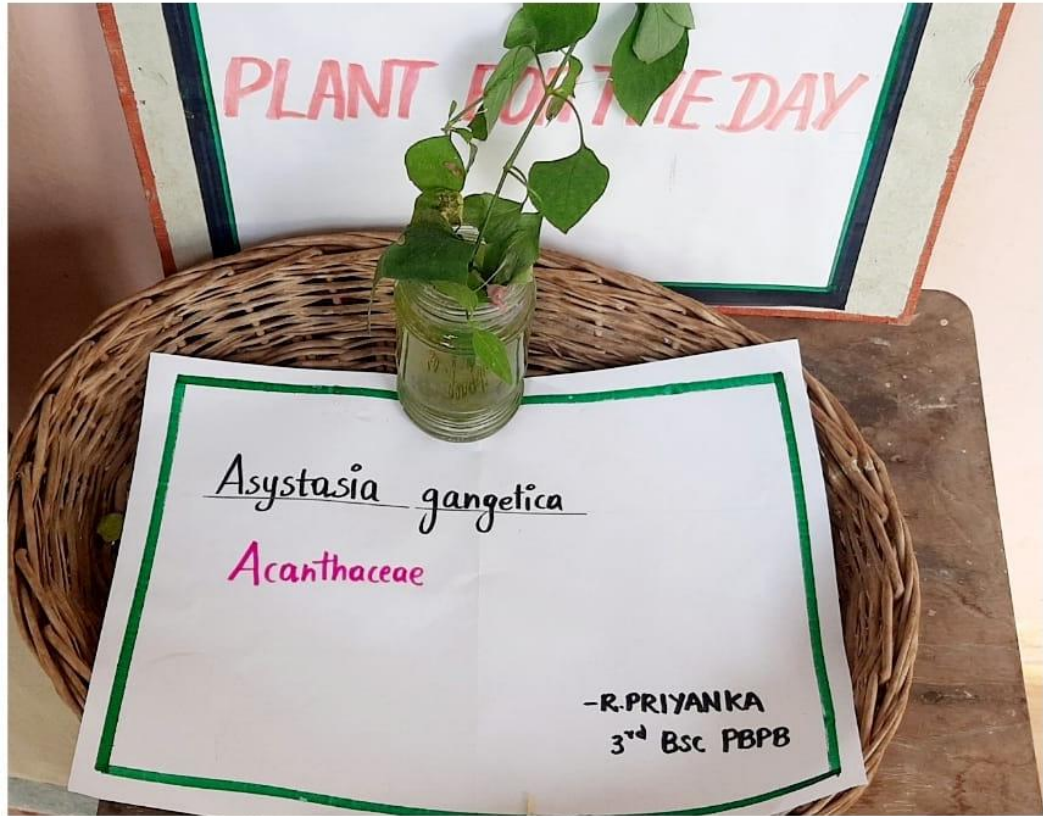
48MP AI QUAD CAMERA
Shot on realme 5s





Botanical Name : *Gardenia jasminoides*
Family : Rubiaceae

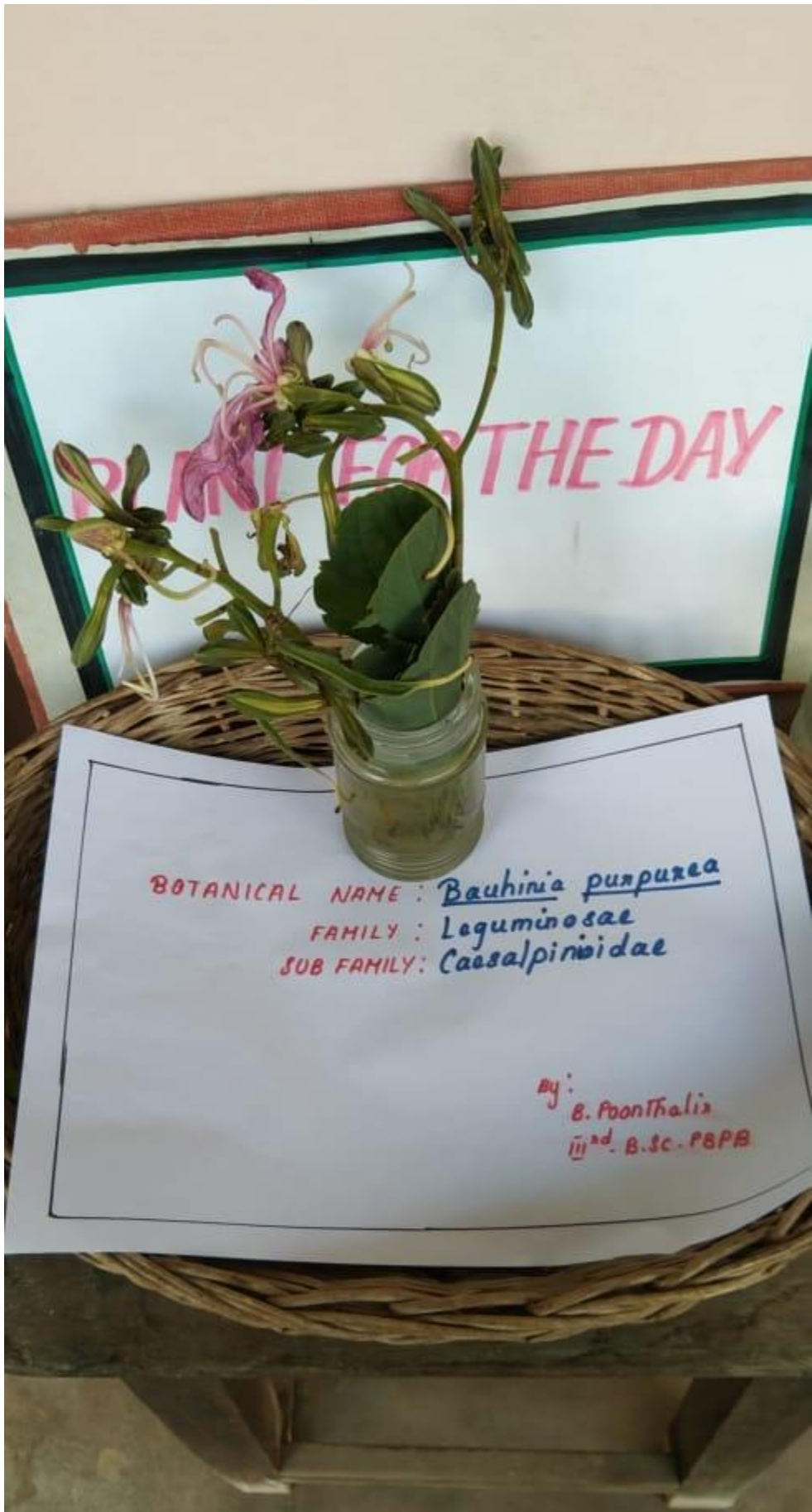
By
M. Lakshmi Priyaa
III - B.Sc PBPB



Asystasia gangetica

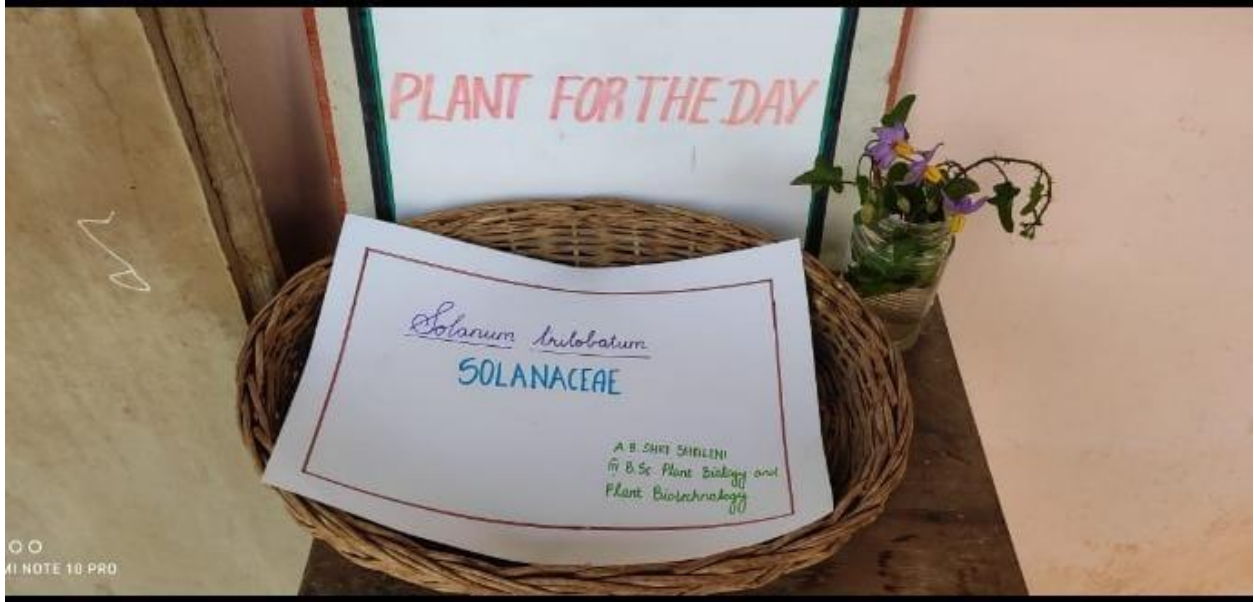
Acanthaceae

-R.PRIYANKA
3rd BSc PBPB

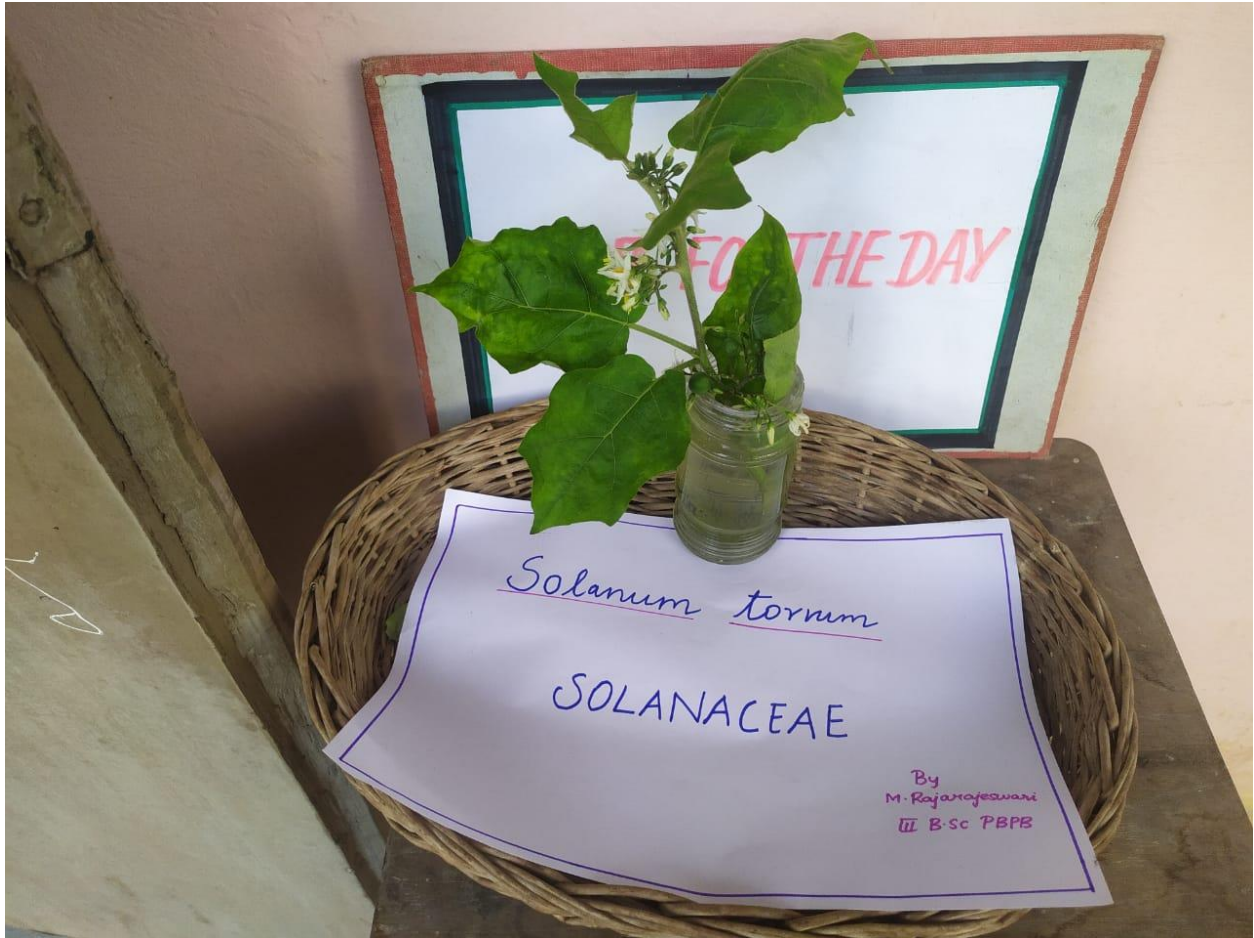


BOTANICAL NAME : Bauhinia purpurea
FAMILY : Leguminosae
SUB FAMILY : Caesalpinioideae

By : B. Poonthalia
iiird. B.Sc. PBPA







Solanum torvum

SOLANACEAE

By
M. Rajarajeswari
III B.Sc PBPB



PLANT FOR THE DAY

Punica granatum
Lythraceae

K. Sauranga
IIIrd YEAR B.Sc.
plus Biology and plant
Biotechnology

●●●●
REDMI NOTE 10

29/12/2021 10:02



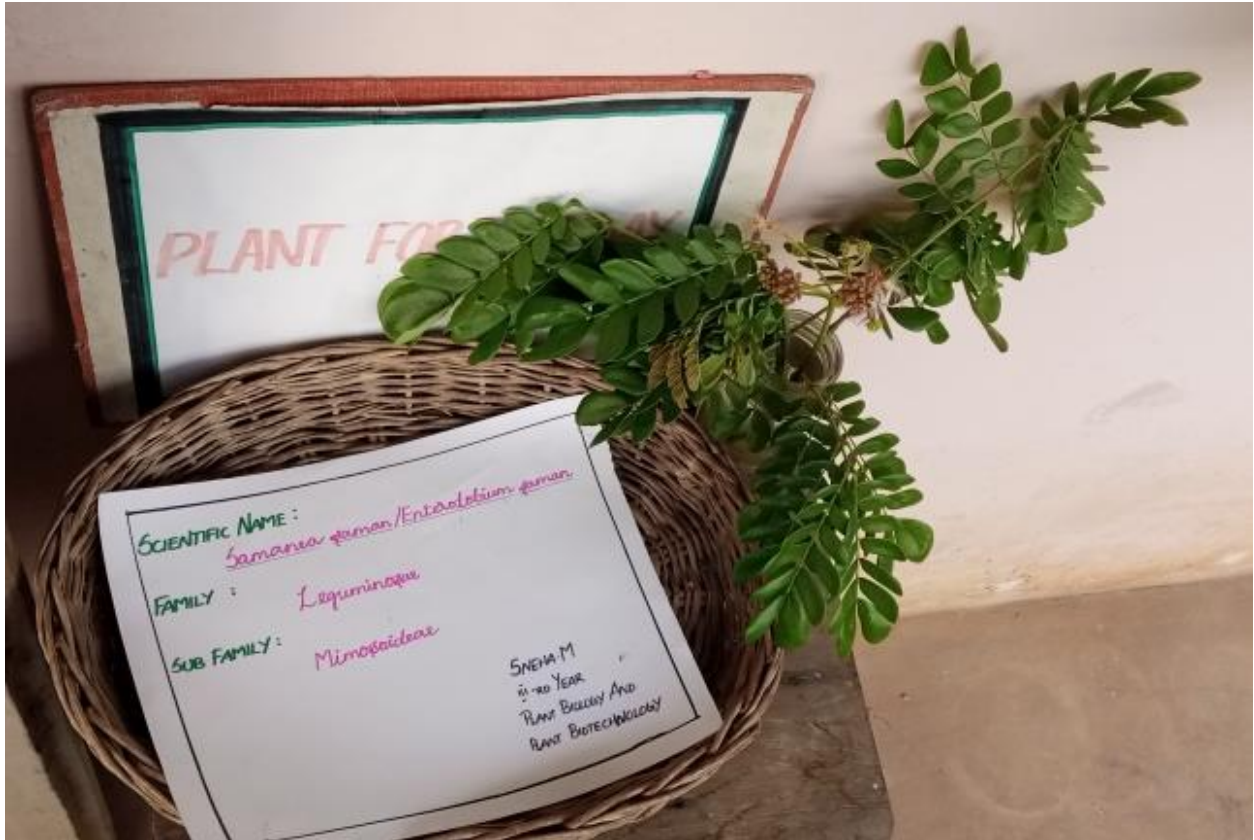
SCIE
Adenium
FAMILY ::
Ano



Cardiospermum halicacabum
Family: Sapindaceae

R. Rajalakshmi
IIIrd year
BSc. PPBS

PLANT FOR THE DAY



SCIENTIFIC NAME:

Samanea saman / *Entolobium saman*

FAMILY:

Leguminosae

SUB FAMILY:

Mimosoideae

SNEHA M
3rd YEAR
PLANT BREEDING AND
PLANT BIOTECHNOLOGY

PLANT FOR...

PLANT FOR THE DAY



SCIENTIFIC NAME :

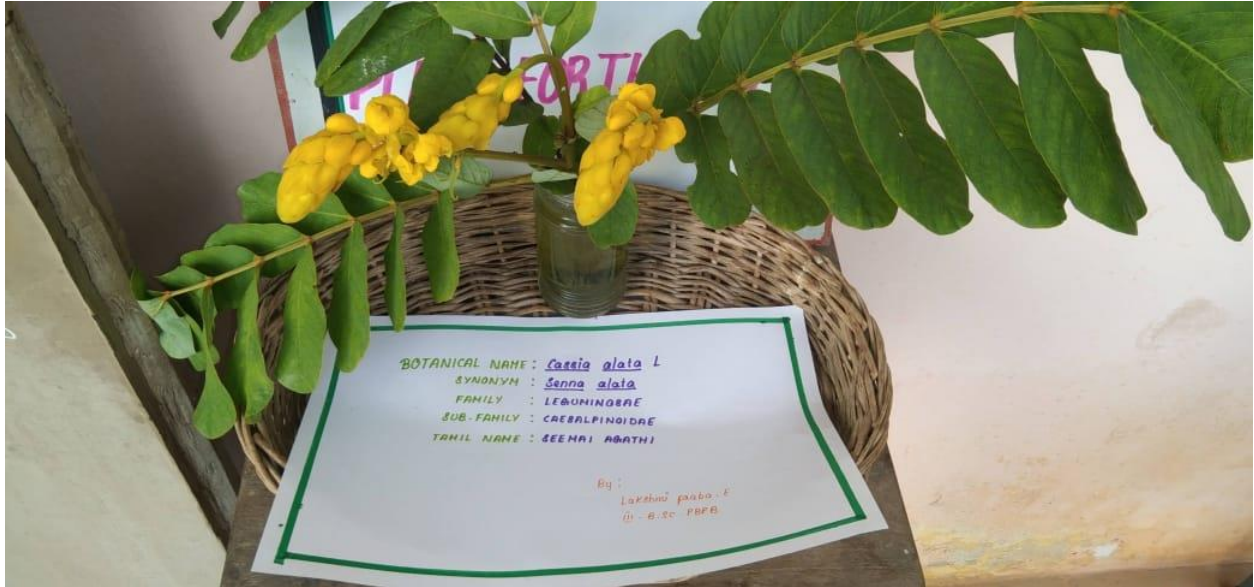
Commelina benghalensis

FAMILY :

Commelinaceae.

PRIYADHARSHINI

3rd BSC PBPB



BOTANICAL NAME : Cassia glata L
SYNONYM : Senna alata
FAMILY : LEGUMINOSAE
SUB-FAMILY : CAESALPINIOIDEAE
TAMIL NAME : SEEMAI AATHI

By : Lakshmi paboo . C
in . B.Sc . P.P.P.A

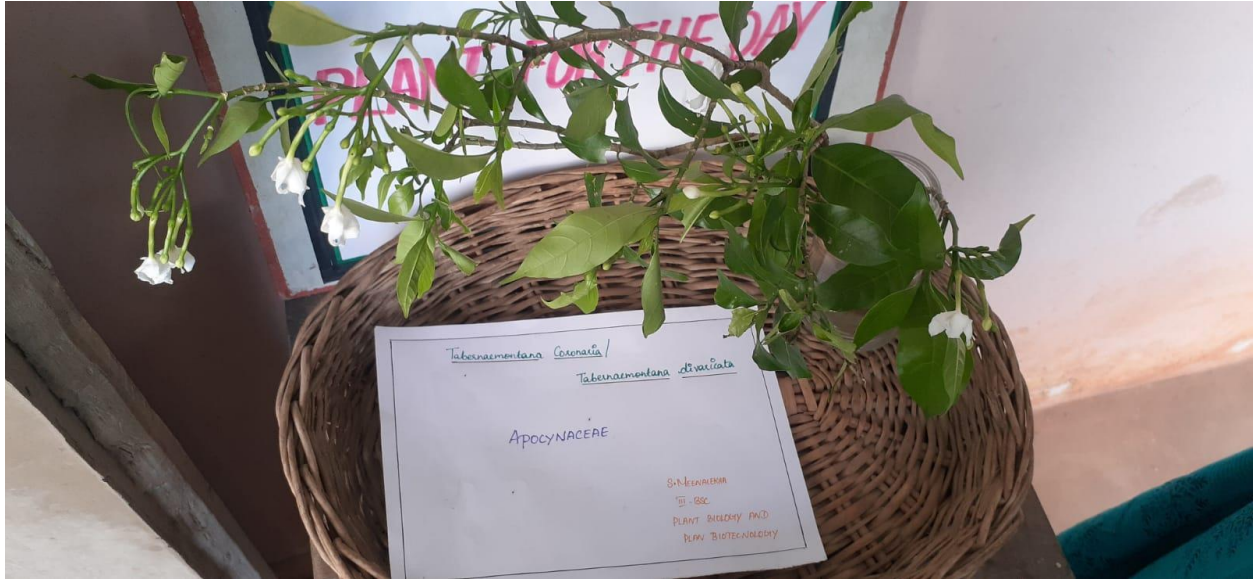


PLANT FOR THE DAY

POLYGONACEAE
Antigonon leptopus

- V. SANJANA
III - B.Sc PBPB

48MP AI QUAD CAMERA
Shot on realme 5s





Cascabela thevetia

APOCYNACEAE

S. Gopalakrishna
W.B.Sc. PEPB

PLANT FOR THE DAY

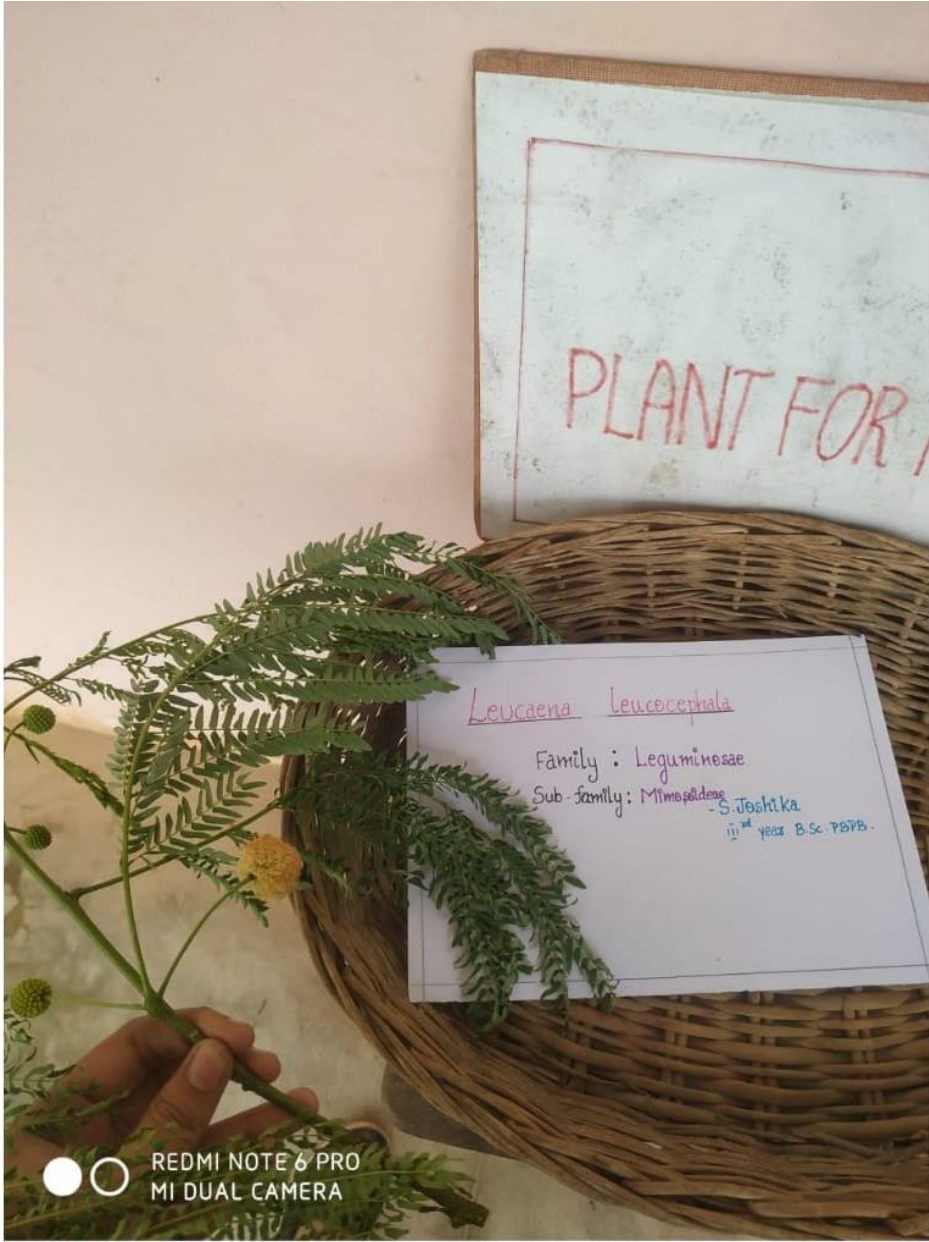
PLANT FOR THE D



PASSIFLORACEAE

subulata

S. CHANDRAKALA
171331085003
III - B.Sc PLANT BIOLOGY
AND PLANT BIOTECHNOLOGY.



PLANT FOR

Leucaena leucocephala

Family : Leguminosae

Sub-family : Mimosoidae

- S. Joshi

IInd year B.Sc. P&P.

REDMI NOTE 6 PRO
MI DUAL CAMERA



DATURA METEL

Solanaceae

- ISHWARYA J
IIIrd YEAR
PBPB
1912311047016

OXALIDACEAE

Oxalis stricta

J. BHUMIKA
1913311085002

III. B.Sc. Plant Biology +
Plant Biotechnology





SOLANACEAE

Physalis angulata

P. Chandakelimi
III B.Sc. 2021-2022
01-10-2021

Shot on Y17
Vivo AI camera

2021.11.01 14:28



PLANT FOR THE DAY

ASTERACEAE

Gnaphalium Cinereum

Syn: *Vernonia Cinerea*

Anchana . K
IIIrd BSC 2021-2022



AMARANTACEAE
Gomphrena globosa L.

C. KARTHIKA
III Year BPPB
7/12/21



PLANT OF THE DAY

ANNONACEAE

Annona squamosa

R. Divyadharshini
IIIra B.Sc. PBPB



PLANT FOR THE

Jatropha curcas
EUPHORBIACEAE

R. HARINI
III BSc PGPB



Shot on vivo S1
AI Triple Camera



Oldenlandia corymbosa

FAMILY: RUBIACEAE

M. KANAN SASTRI
12th Dec 1998

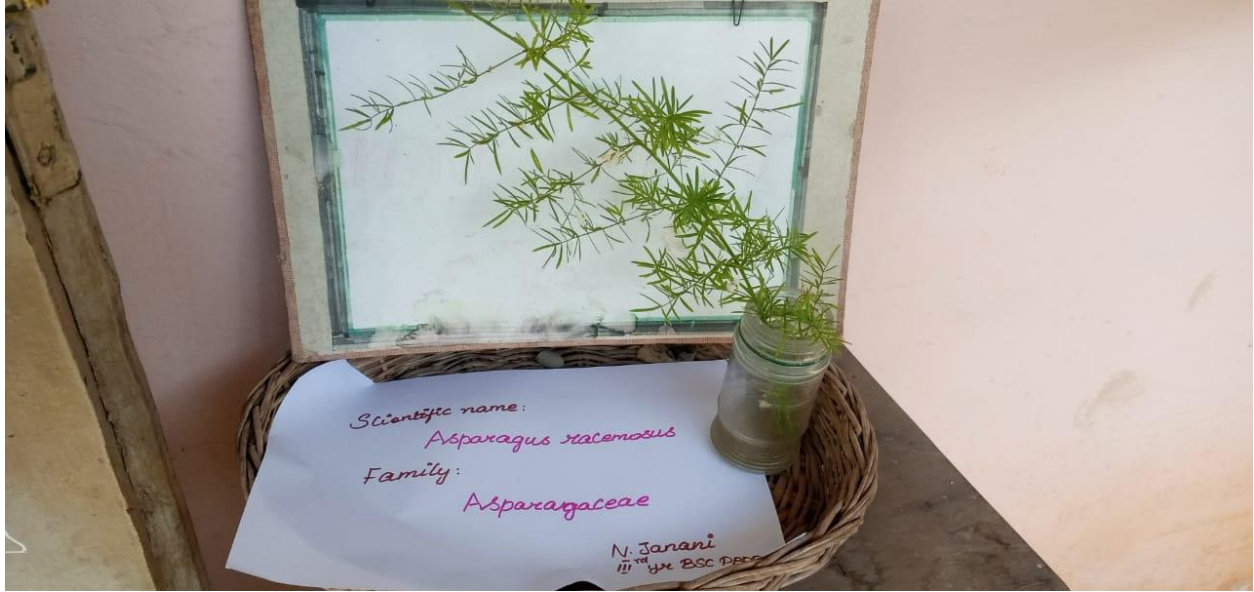


CASSIA OBTUSIFOLIA

FAMILY - LEGUMINOSAE

SUB-FAMILY - Caesalpinoidae

KOWISHI
ii yoo
[P



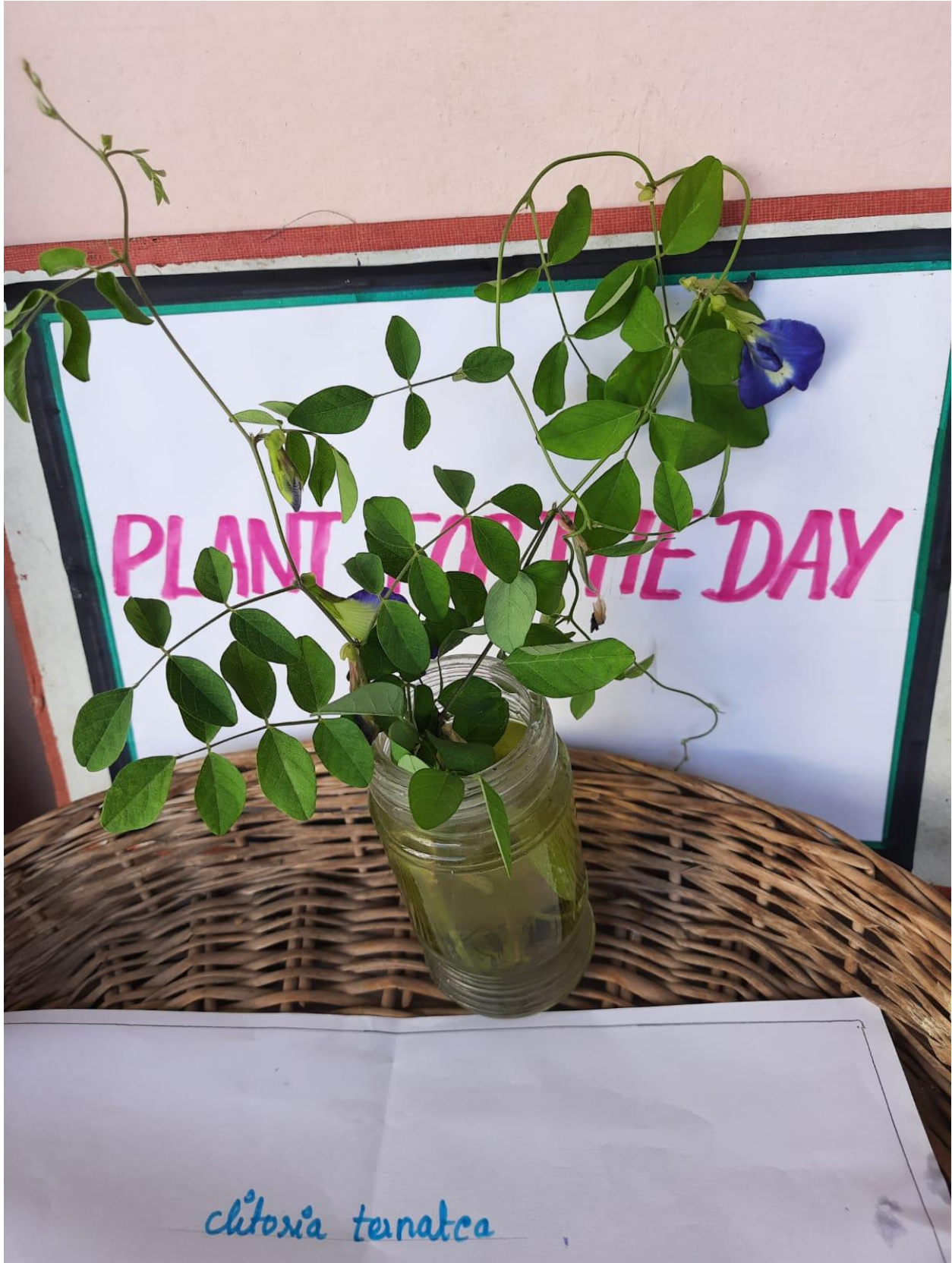
Scientific name:

Asparagus stolonosus

Family:

Asparagaceae

N. Janani
11th year BSC Degree



PLANT FOR THE DAY

clitoria ternatea

LEARNING EXPERIENCES

STUDY TOUR

The department of Plant Biology and Plant Biotechnology organizes study trip every year for the undergraduate students to give them through field knowledge on the subjects they learn during their degree programme. This kind of activities inculcates in them the love towards the subject and motivates them to take up higher studies in the same field. Trips were arranged to Coimbatore, Ooty, Vandalur, Vedanthangal, Madhavaram to study the following:

1. To study the vegetation in the natural habitat.
2. To visit to tea factory - processing and manufacturing. To visualize the - processing and manufacturing of tea.
3. To study the vegetation of scrub jungle

and for biodiversity

4. For biodiversity

20.09.2016 – 24.09.2016 – Coimbatore – 44 students 2 Faculties 1 Lab Attender

03.10.2017 – 07.10.2017 – Ooty – 36 students 2 Faculties 1 Lab Attender

03.09.2018 – 07.10.2018 – Ooty – 38 students 2 Faculties 1 Lab Attender

06.01.2020 – 11.01.2020 – Ooty – 38 students 2 Faculties 1 Lab Attender

Vedanthangal and Vandalur

17.02.2018 - 36 students 2 Faculties 1 Lab Attender

08.03.2019 – 38 students 2 Faculties 1 Lab Attender

Madhavaram

25.01.2020 – 84 students 4 Faculties 1 Lab Attender



2016-2017 (Coimbatore)



2017 – 2018 (Ooty) – Sims Arboretum Coonoor



2017 – 2018 (Ooty)



2017-2018 (Vedanthangal and Vandalur)



2017 -2018 (Vandalur and Vedanthangal)



2017 -2018 – Plant collection



2017 – 2018 - Plant collection



Study trip 2018-2019 (Ooty)



2018-2019 (Vedanthangal and Vandalur)



CS Scanned with CamScanner



Samsung Triple Camera
Shot with my Galaxy A50

CS Scanned with CamScanner

2019 – 2020 (Ooty)



CS Scanned with CamScanner

2019-2020 (Vandalur and Vedanthangal)



2019-2020 (Madhavaram Horticultural Farm, Chennai)



PG Study Trip 2017 – 2018 Wayanad



Kovalam experimental Station of ICAR – CIBA

2017 – 2018 – I PG – 19 students 2 Faculties

PG Study Trip 2019 – 2020 Wayanad



LAT 11°36'57" N

WEDNESDAY 01.22.2020

LONG 76°12'51" E

LOCAL TIME 14:20:37

Ambalavayal Bus Station, Ambalavayal, Kerala 673593, India, Kerala, Ambalavayal, India, 673593



LEARNING EXPERIENCES

HERBARIUM

A herbarium is a collection of preserved plant specimens that have been stored appropriately and arranged systematically to ensure quick access to students. The department of Plant Biology and Plant Biotechnology has a collection of 2118 number of Angiosperms and Cryptograms (with duplicates) arranged systematically and maintained properly for the benefit of Undergraduate and Postgraduate students.

UG Herbarium



PG Herbarium



UG Herbarium – Students observing the herbarium sheets



Submission of herbarium by III B.Sc., students

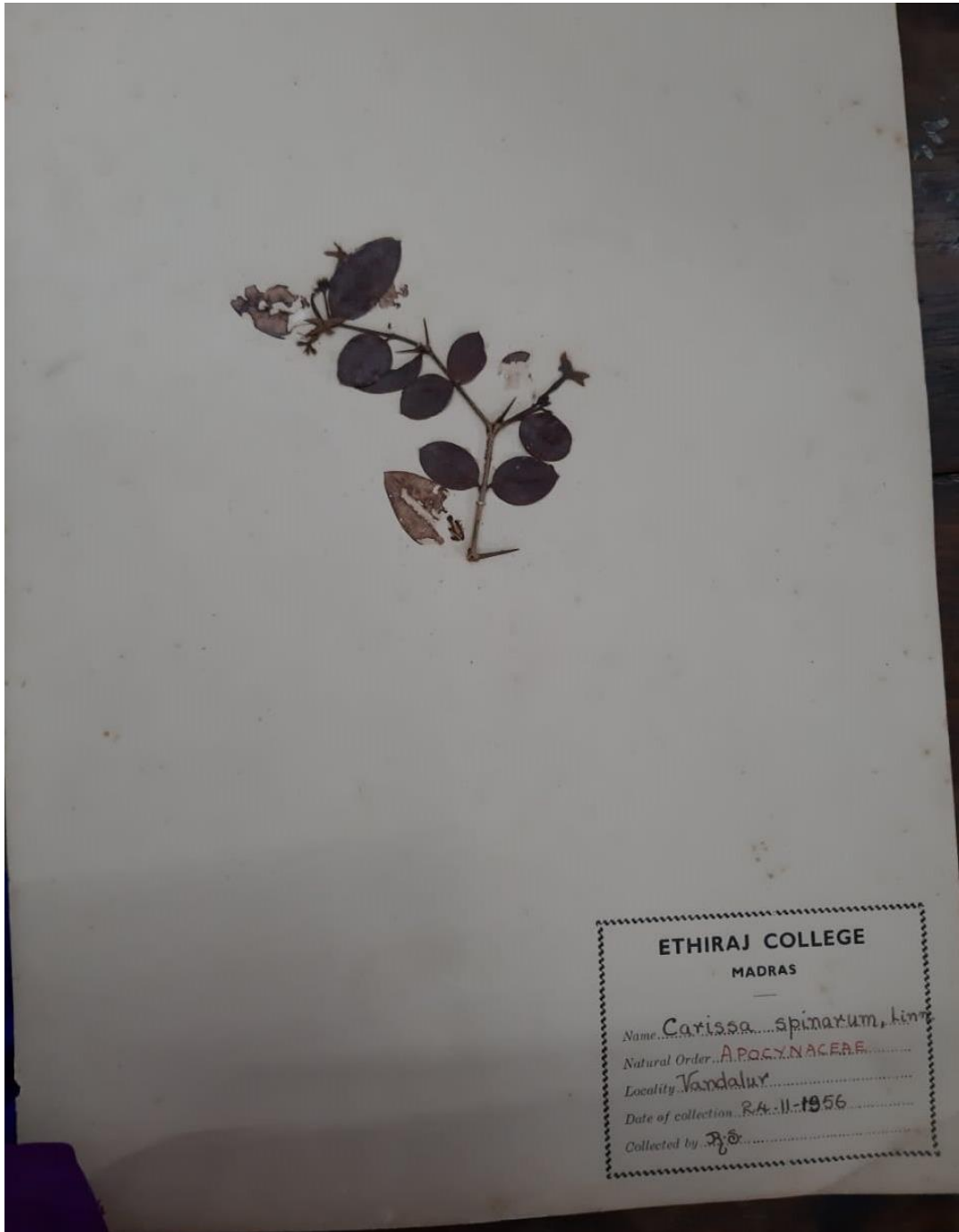


Submission of herbarium by the students

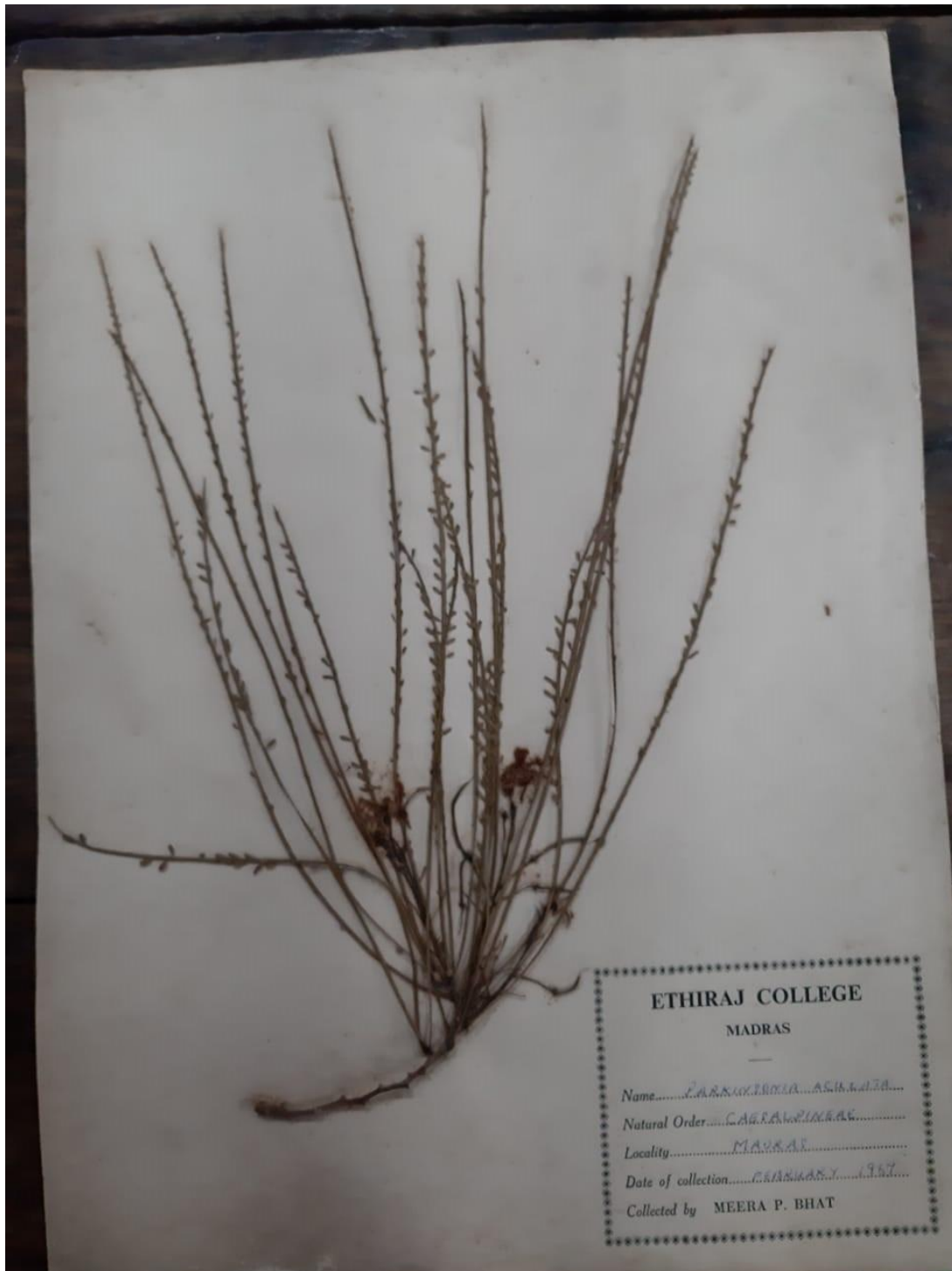


A HERBARIUM - RECORD OF YESTER YEARS

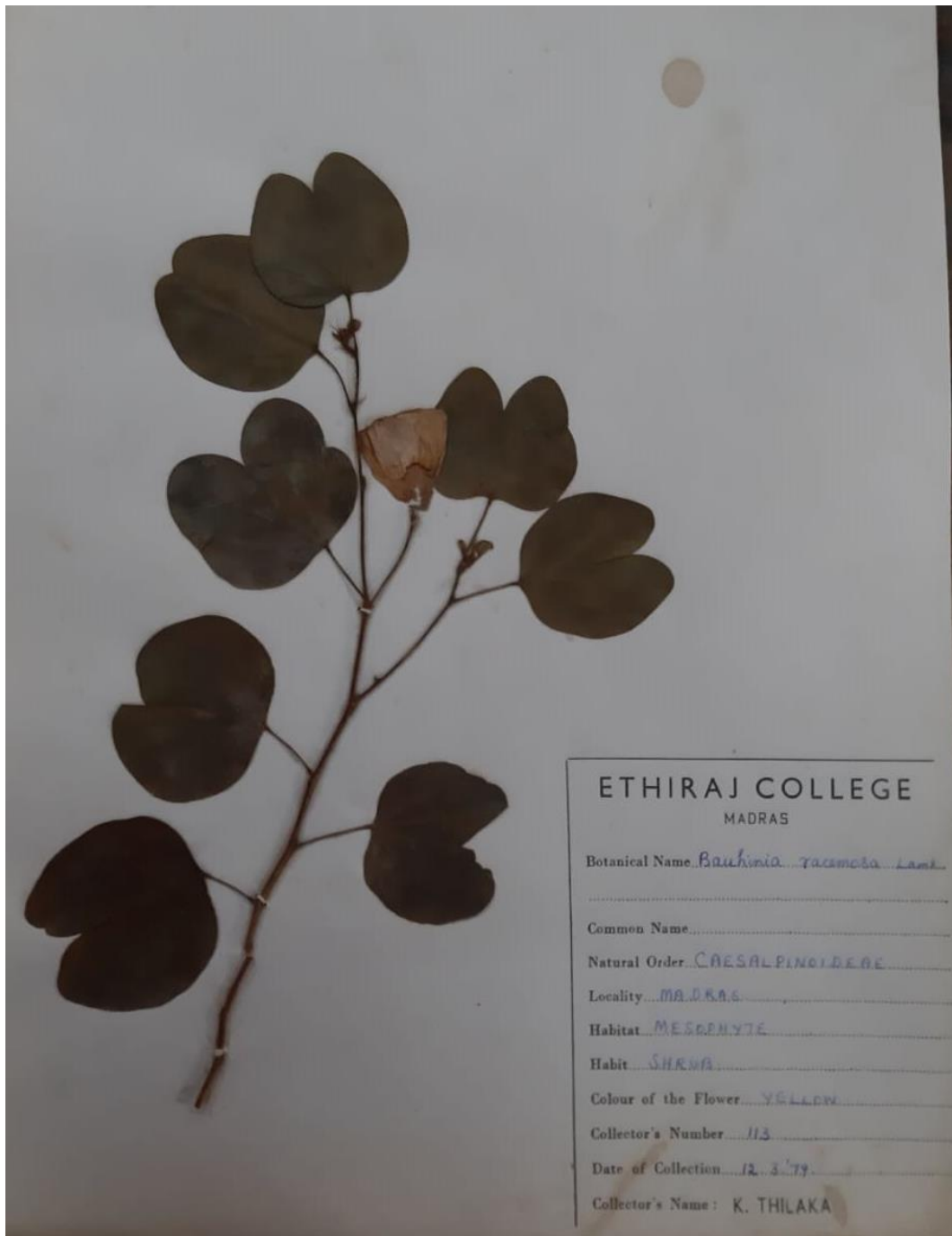
A herbarium – submitted on 1956 (66 years old)



A herbarium – submitted on 1967 (55 years old)



A herbarium – submitted on 1979 (43 years old)



A herbarium – submitted on 1996 (26 years old)

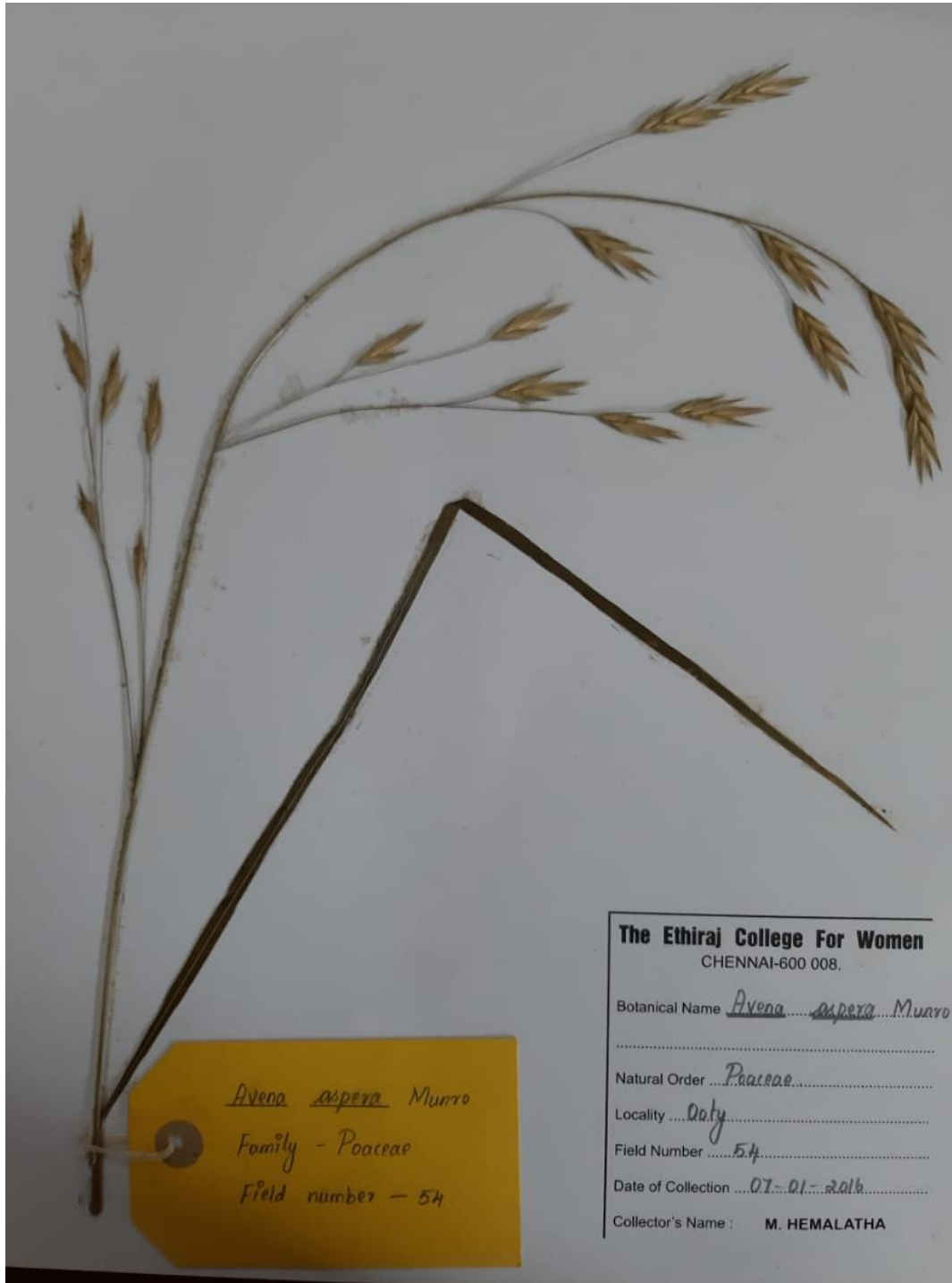
Water lily



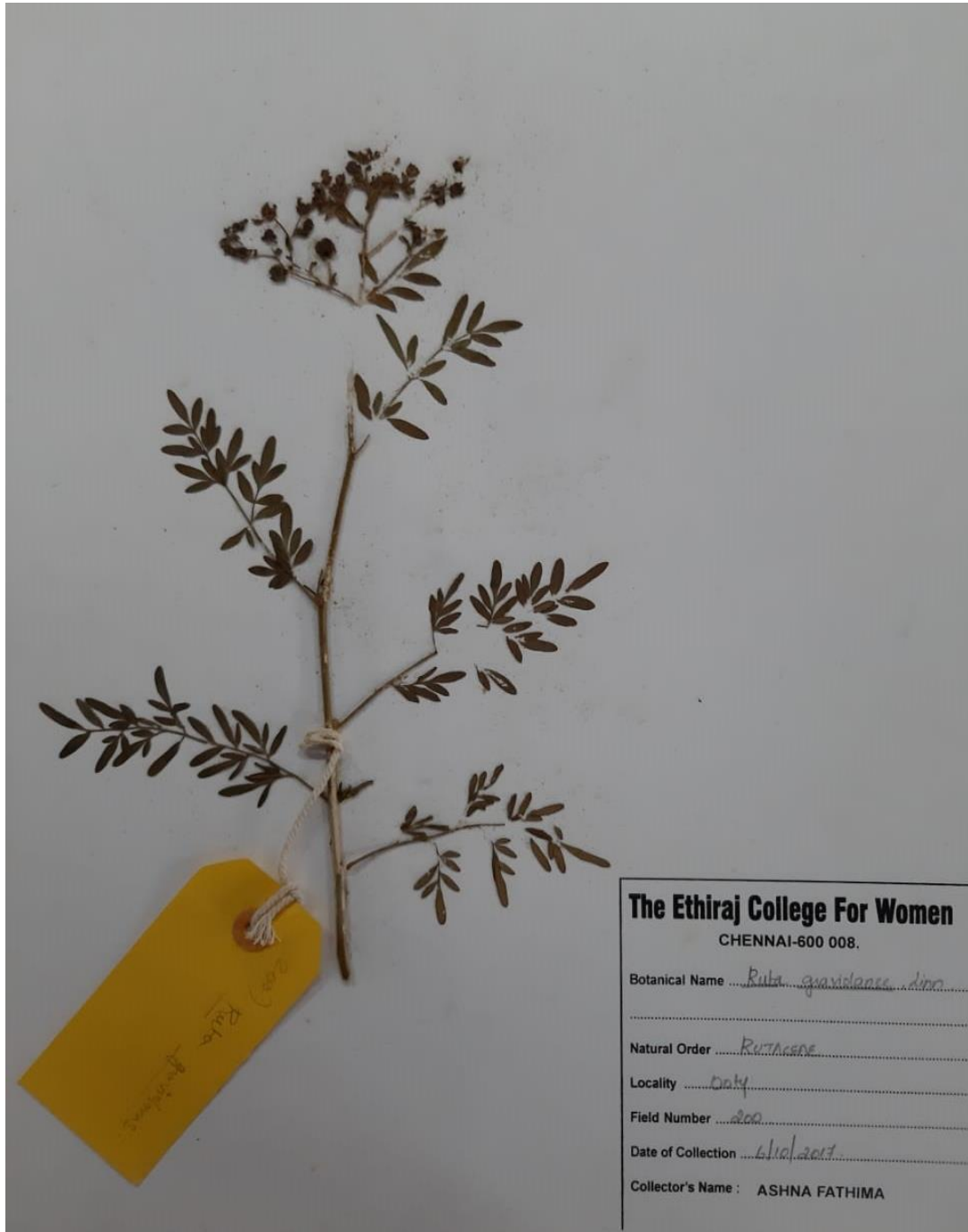
A herbarium – submitted on 25.01.2002
by
Late Mr. M. Nedunchezian
Lab Assistant



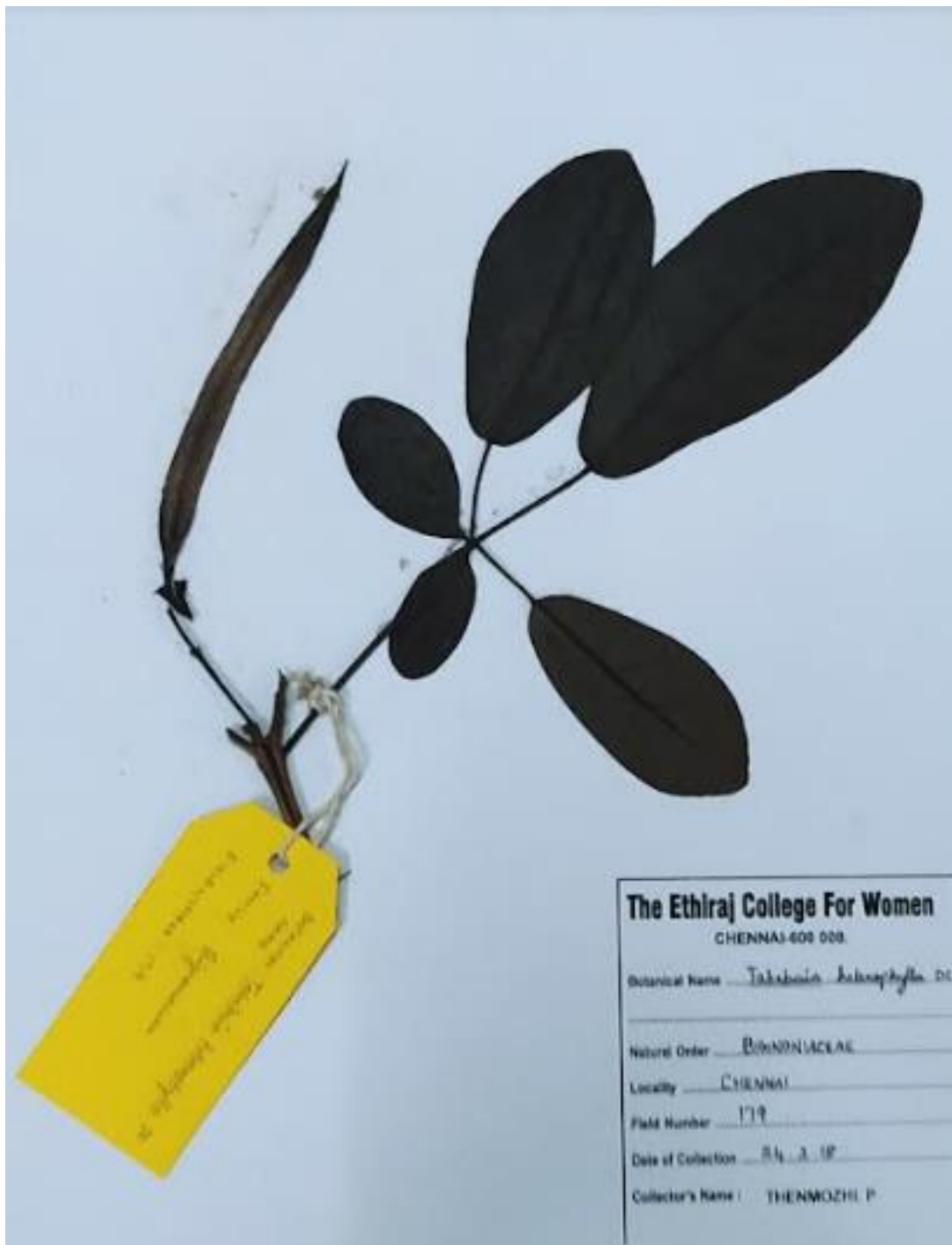
A herbarium – submitted on 2016



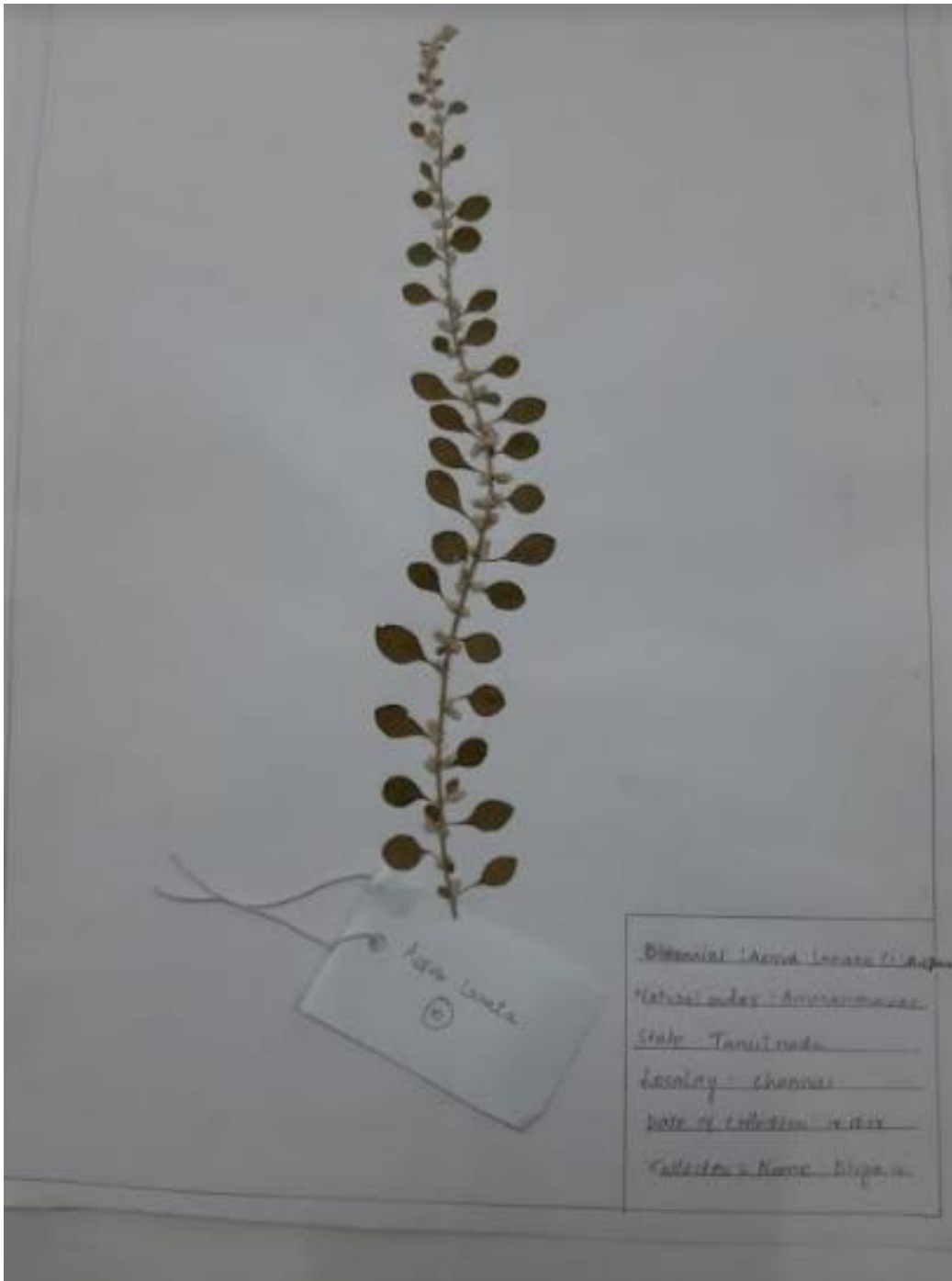
A herbarium – submitted on 2017



A herbarium – submitted on 2018



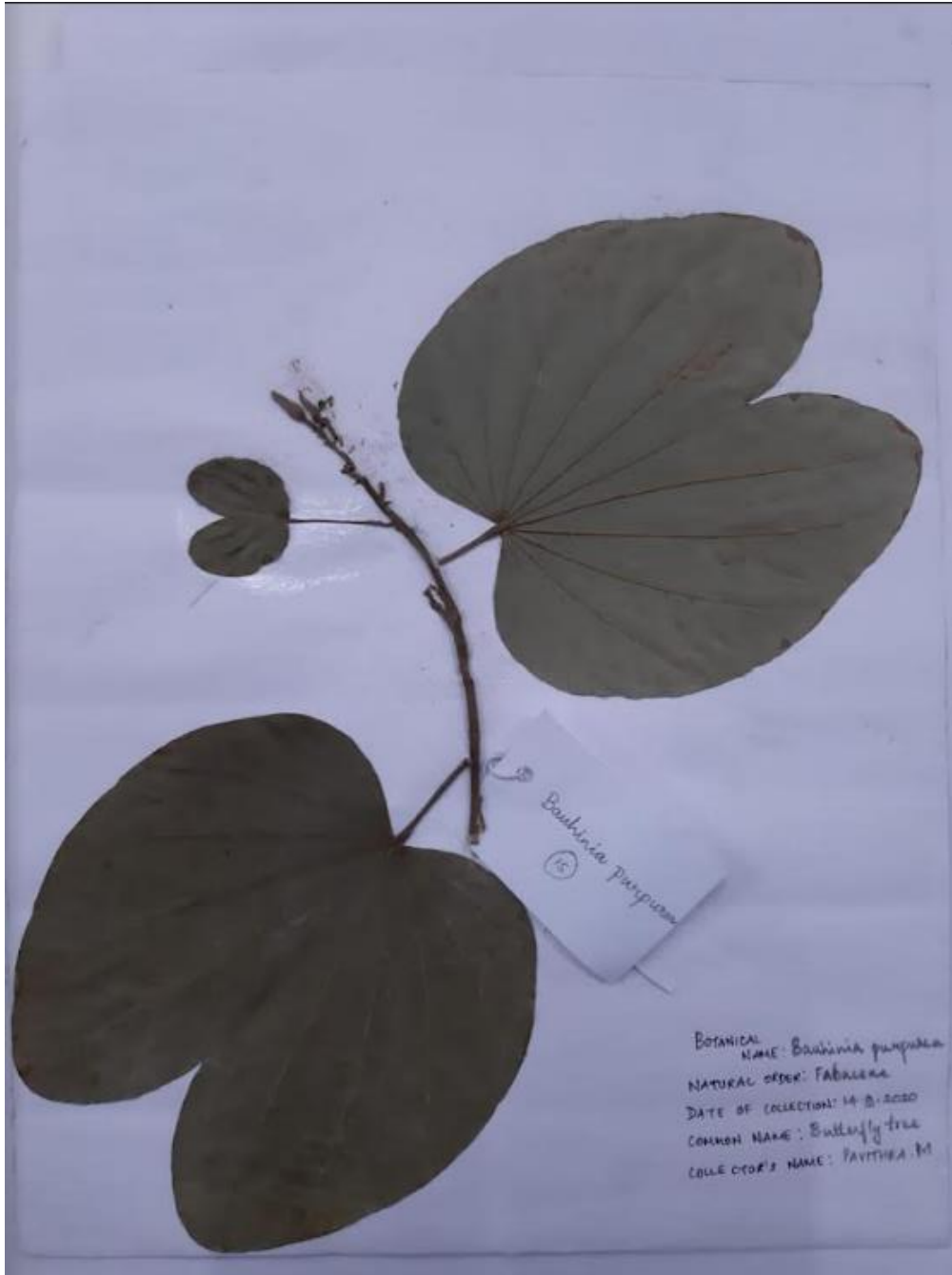
A herbarium – submitted on 2019



Lysia laeta
①

Biennial / Annual / Perennial / Climber
Natural order - Asteraceae
State - Tamil Nadu
Locality - Chennai
Date of collection - 14/11/19
Collector's Name - Dipan

A herbarium – submitted on 2020



Bauhinia purpurata
⑬

BOTANICAL NAME: Bauhinia purpurata
NATURAL ORDER: FABACEAE
DATE OF COLLECTION: 14.8.2020
COMMON NAME: Butterfly tree
COLLECTOR'S NAME: PAVITHRA M

A herbarium – submitted on 2021



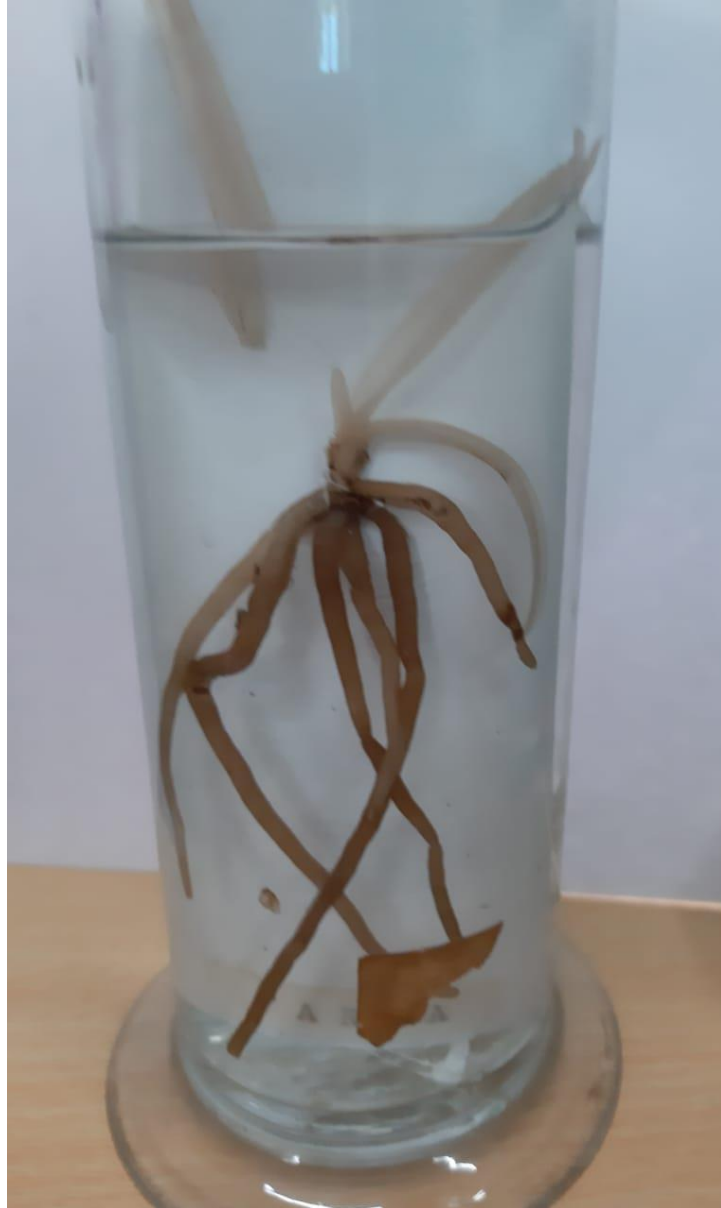
LEARNING EXPERIENCES

RARE SPECIMENS IN LAB

Parkinsoniia - Xerophyte



Vanda - Epiphyte

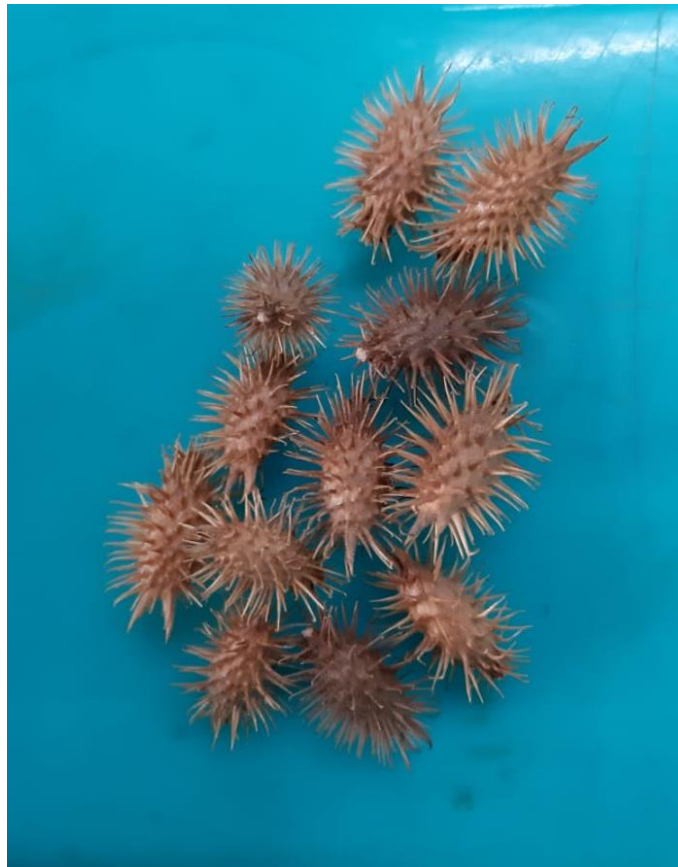


Entada

Dispersal by water



Xanthium – Fruit
Dispersal by animal



LEARNING EXPERIENCES

PARTICIPATORY LEARNING

To promote awareness on Anti aging Foods and to apply their significance of cereals, pulses, fruits and nuts in day to day life undergraduate final year students are given a 3 months project on food feast using cereals, pulses, fruits and nuts. The above mentioned also teach them the medicinal uses of plants prescribed in the curriculum – Taxonomy, Economic Botany and Herbal Science.

3 MONTHS FOOD FEAST PROJECT

LIST OF ANTI AGING FOODS PREPARED BY THE STUDENTS

S.No.	Date	Food
1	19.06.2019	Mango - Fruit
2	20.06.2019	Cucumber - Vegetable
3	21.06.2019	Jamun fruit
4	24.06.2019	Lemon juice with basil seeds
5	25.06.2019	Musk melon - Fruit
6	26.06.2019	Sweet curd – Refreshing Drink
7	27.06.2019	Panagam (Cadamom) - Herbal drink
8	28.06.2019	Watermelon - fruit
9	01.07.2019	Buttermilk – Refridgerant drink
10	02.07.2019	Sweet Lime juice
11	03.07.2019	Groundnut cake
12	04.07.2019	Aval upma (Flaked rice)
13	05.07.2019	Varagu pongal
14	06.07.2019	Guava - Fruit
15	08.07.2019	Chich pea sundal (Black)
16	09.07.2019	Almonds – Nuts
17	10.07.2019	Ragi adai
18	11.07.2019	Chich pea sundal (White)
19	12.07.2019	Sweet aval (Flaked rice)
20	15.07.2019	Nannari sarbath
21	16.07.2019	Dates - Fruits
22	17.07.2019	Paruppu adai
23	18.07.2019	Carrot salad
24	22.07.2019	Ground nut - sundal
25	23.07.2019	Sapota - Fruit
26	24.07.2019	Green gram sundal
27	25.07.2019	Pomegranate juice
28	26.07.2019	Sweetcorn sundal
29	29.07.2019	Millet muruku
30	30.07.2019	Banana (karpuravalli) - Fruit
31	31.07.2019	Small onion and dried grapes
32	01.08.2019	Apple - Fruit
33	02.08.2019	Wheat balls
34	03.08.2019	Idly and Groundnut chutney
35	05.08.2019	Ragi koozhu
36	06.08.2019	Orange (Loose jacket)– Fruit
37	07.08.2019	Green pea sundal
38	08.08.2019	Chick pea gravy
39	13.08.2019	Chick pea (Green variety sundal)
40	14.08.2019	Goose berry - Fruit

41	16.08.2019	Custard apple - Fruit
42	19.08.2019	Red rice puttu (Baked)
43	20.08.2019	Karamani (Brown) sundal
44	21.08.2019	Kuthiravalli - Porridge
45	22.08.2019	Carrot, Beans and Cabbage (National flag poriyal)
46	26.08.2019	Murukku, seedai and Adirasam Rice sweets and snacks
47	27.08.2019	Almond milk
48	28.08.2019	Tender coconut
49	29.08.2019	Jujube - Fruit
50	30.08.2019	Karamani (White) sundal
51	31.08.2019	Panagam –Tulasi drink
52	03.09.2019	Wood apple, Perappam and kakakkai fruits
53	04.09.2019	Pine apple - Fruit
54	05.09.2019	Varutha kadalai - roasted groundnut
55	06.09.2019	Sweet potato (baked)
56	09.09.2019	Veg Sandwich – Onion, tomato, carrot and cucumber
57	11.09.2019	Bengal gram sundal
58	12.09.2019	Makana (Lotus seeds) - payasam
59	13.09.2019	Banana (Yeleki) - Fruit
60	14.09.2019	Parupu sadham – dhal rice
61	16.09.2019	Curd rice, thuvaiyal
62	17.09.2019	Sambar rice
63	18.09.2019	Pear - Fruit
64	23.09.2019	Green gram halwa
65	24.09.2019	Fig poriyal
66	25.09.2019	Banana (red) - Fruit
67	27.09.2019	Tomato rice
68	30.09.2019	Lemon rice and potato
69	03.10.2019	Rajma sundal
70	04.10.2019	Rasam rice
71	09.10.2019	Any fruit
72	10.10.2019	Honey amla
73	11.10.2019	Dates with almonds
74	12.10.2019	Onion and curd pachadi
75	14.10.2019	Garlic chutney
76	15.10.2019	Curry leaf chutney
77	17.10.2019	Pumpkin roast
78	18.10.2019	Snake gourd - koottu
79	21.10.2019	Chow chow - Poriyal
80	22.10.2019	Coffee
81	23.10.2019	Moringa poriyal
82	24.10.2019	Panagam – Mint (Refrigerant drink)
83	23.11.2019	Samba kesari
84	25.11.2019	Green gram sprouts
85	26.11.2019	Ragi puttu

86	27.11.2019	Kambu Pearl millet dosai
87	28.11.2019	Potukadalai balls
88	04.12.2019	Passi parupu balls
89	05.12.2019	Lemon rice and carrot poriyal
90	06.12.2019	Mint rice and appalam
91	09.12.2019	Grape juice
92	11.12.2019	Banana (naendiram) - fruit
93	12.12.2019	Chukku, coriander seed, jaggery – Herbal drink
94	17.12.2019	Horse gram rasam
95	29.01.2020	Orange (Kamala) - Fruit

TAXONOMY

**(FRUITS, VEGETABLES AND FOOD
PREPARATIONS OF THE PLANTS
RELATED TO THE FAMILIES
PRESCRIBED IN THE SYLLABUS)**



Rutaceae - *Citrus reticulata* – Orange (Loose jacket)



Cucurbitaceae - *Citrullus vulgaris* - Watermelon



Anonaceae - *Anona squamosa* - Custard apple



Cucurbitaceae - *Cucumis sativus* - Cucumber



Poaceae - *Zea mays* - Corn



Cucurbitaceae – *Cucumis melo* - Muskmelon



Papilionaceae - *Cicer arietinum* – Chickpea (Black sundal)



Papilionaceae - *Cicer arietinum* - Chickpea (White sundal)



Papilionaceae - *Vigna mungo* – Green gram

JUICES



Rutaceae - *Citrus medica* - Lemon Juice



Butter milk



Sweets and snacks made from cereals and pulses



Poaceae - *Oryza sativa* - Kambu Adai



Poaceae - *Eleusine coracana* - Ragi Aadaai

ECONOMIC BOTANY
(Rice & Groundnut – Preparation)



Papilionaceae - *Arachis hypogaea* - Ground nut



Papilionaceae - *Arachis hypogaea* - Ground nut Burfi



Poaceae - *Oryza sativa* - Idly

Papilionaceae - *Arachis hypogaea* - Ground nut chutney



Poaceae - *Oryza sativa* – Aval (Flaked rice)



Poaceae - *Oryza sativa* -Aval upma (Flaked rice)



Poaceae - *Oryza sativa* -Sweet Aval (Flaked rice)



Poaceae - *Oryza sativa* - Sweet Pongal



Poaceae - *Oryza sativa* - Pongal

LEARNING EXPERIENCES

HERBAL SCIENCE

One student one plant for the subject of Herbal Science

All the undergraduate final year students maintained a potted medicinal plants



A potted medicinal plant



A potted medicinal plant



Ruta graveolens



Phyllanthaceae - *Phyllanthus emblica* – Amla



Sapotaceae - *Manilkara zapota* - Sapota



Myrtaceae - *Syzygium cumini* – Naval Palam



Lythraceae - *Punica granatum* - Pomogranate juice



Rosaceae – *Prunus amygdalus* - Almonds

LEARNING EXPERIENCES

EXHIBITION ON MEDICINAL PLANTS, RICE VARIETIES, FRUITS VEGETABLES, GREENS AND CONVENTIONAL FOOD

A National conference and exhibition on herbal biodiversity and health management – New strategy and approaches (HBHM – 2019) was organized on 7th and 8th of February 2019 at Ethiraj College for Women sponsored by NBA, TNSCST, TANSCH. A total of 110 medicinal plants with their uses were exhibited. Undergraduate and Post graduate students exhibited traditional food items prepared from native grains.

NATIONAL CONFERENCE AND EXHIBITION 2019 - BANNER

DEPARTMENT OF PLANT BIOLOGY AND PLANT BIOTECHNOLOGY
(FIST FUNDED)

Sponsors

National Biodiversity Authority

Tamil Nadu State Council for Science and Technology

Tamil Nadu State Council for Higher Education

National Conference and
Exhibition on
Herbal Biodiversity and
Health Management
- New Strategies and Approaches.
HBHM - 2019

7th & 8th February, 2019
Silver Jubilee of Post Graduate course
Ethiraj College for Women (Autonomous)

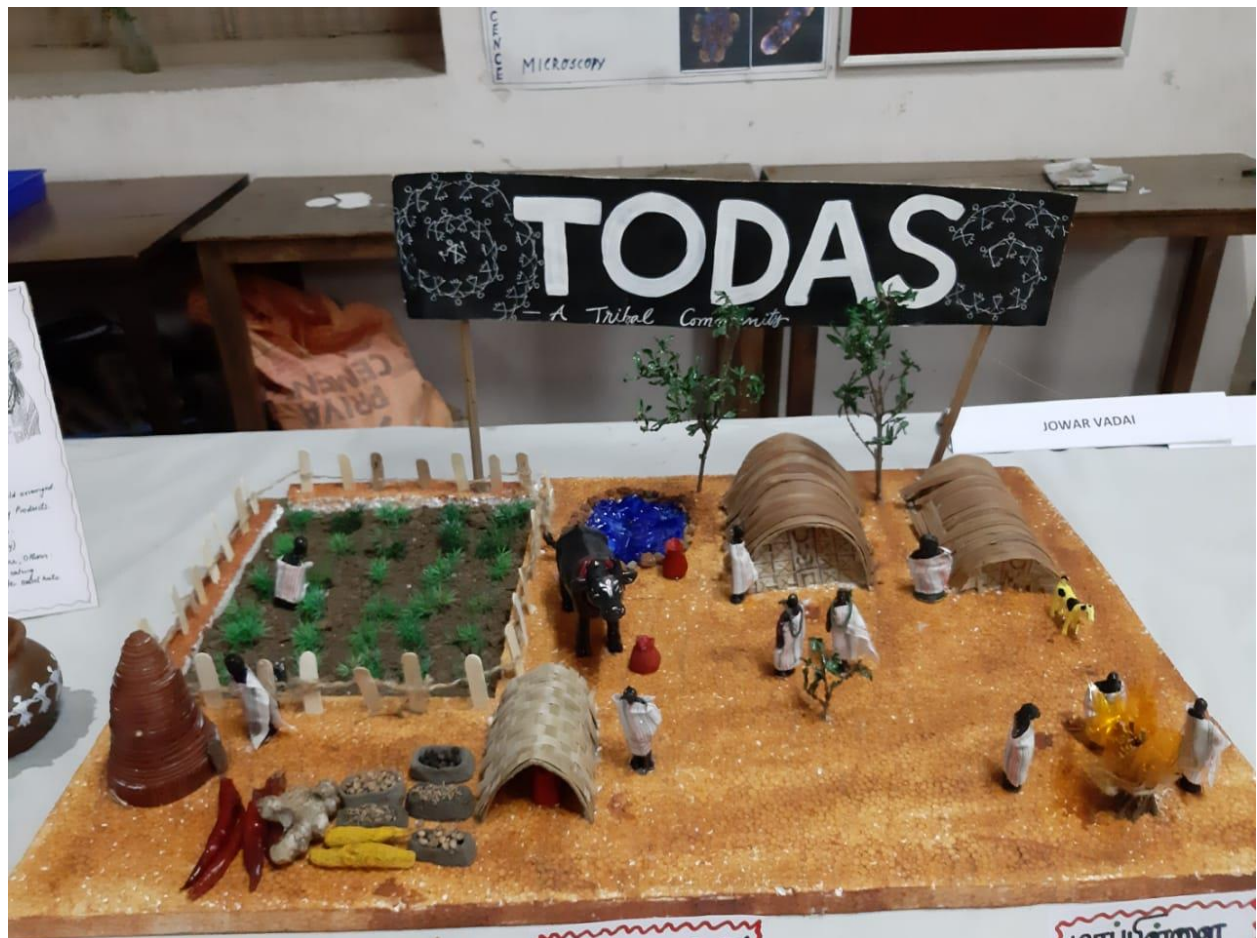
HERBAL FOOD PREPARATIONS - DISPLAY



CONVENTIONAL FOODS - EXHIBITS



ETHANOBOTANY – LIFE STYLE OF TODAS MUND (HAMLET)



GREENS AND HUMAN ORGANS - A DISPLAY



PULSES – BODY BUILDERS



SPICES AND THEIR MEDICINAL USES



FRUITS AND NUTS - VITAMIN BOOSTERS



FRUITS - VITAMIN BOOSTERS



NUTS - VITAMIN BOOSTERS



NUTS - VITAMIN BOOSTERS



GEOGRAPHICAL REGIONS IN TAMIL LITERATURE

KURINIJI – FOOD HABITS



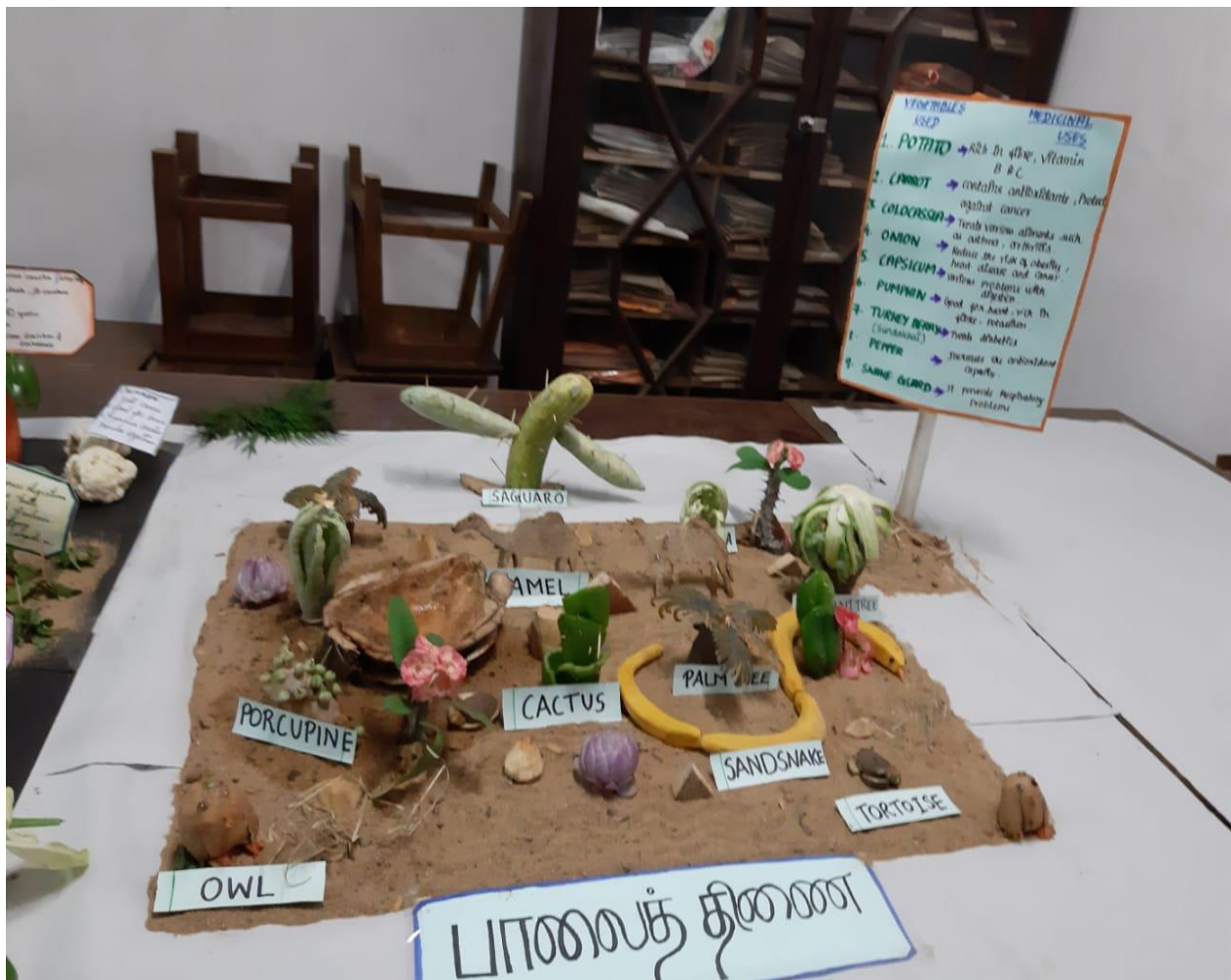
GEOGRAPHICAL REGIONS IN TAMIL LITERATURE

MULLAI – FOOD HABITS



GEOGRAPHICAL REGIONS IN TAMIL LITERATURE

PAALAI – FOOD HABITS



HERBAL COSMETICS



EXHIBITION ON MEDICINAL PLANTS



EXHIBITION ON MEDICINAL PLANTS



EXHIBITION ON MEDICINAL PLANTS



EXHIBITION ON MEDICINAL PLANTS



LEARNING EXPERIENCES

PARTICIPATORY LEARNING

MODELS

II B.Sc., Undergraduate students prepared models based on the topics included in the curriculum – Biodiversity, Ecology and Instrumentation.

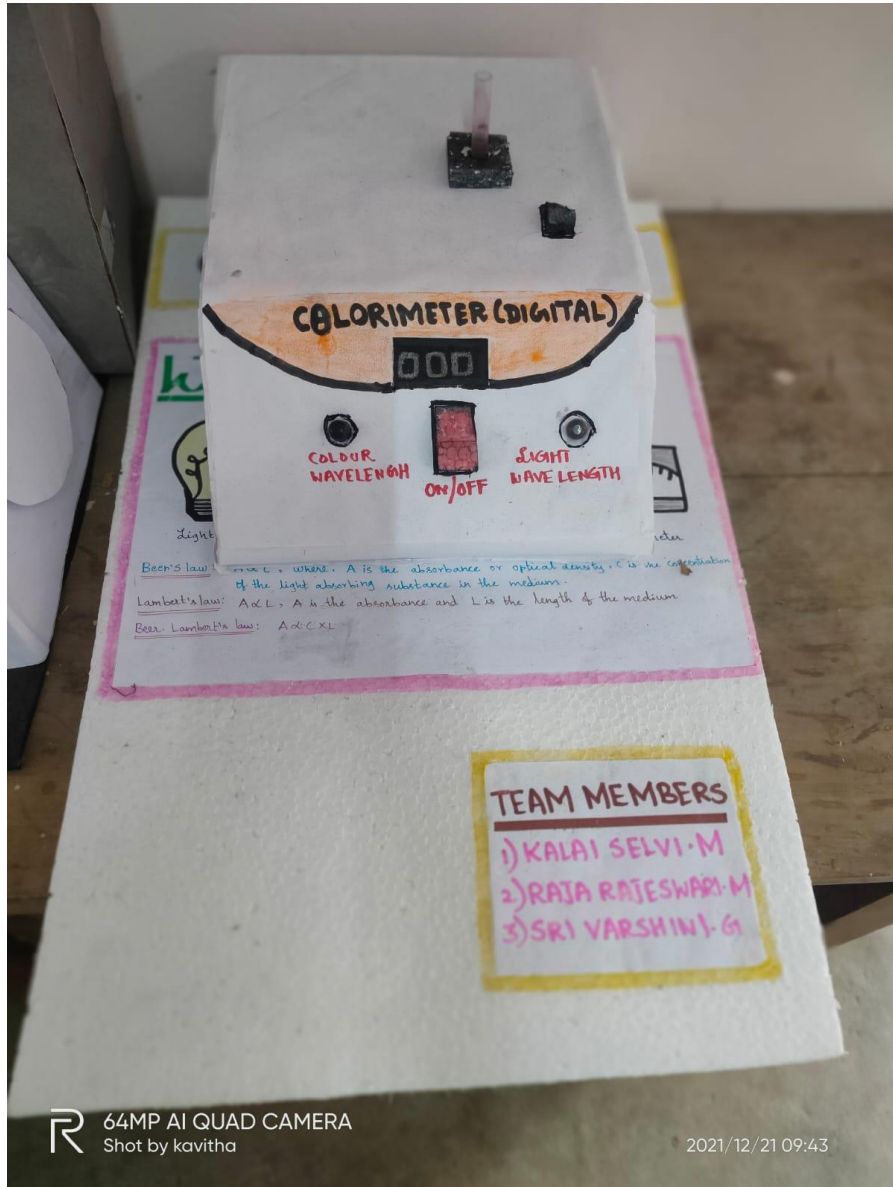
SYMPTOMOLOGY – PLANT DISEASES



PLANT ECOLOGY – MODELS ON ECOSYSTEM AND SUCCESSION



MODELS ON INSTRUMENTS



MODELS ON INSTRUMENTS



MODELS ON INSTRUMENTS



MODELS ON INSTRUMENTS



CLAY MODELS OF GYMNOSPERMS



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realme

CLAY MODELS OF GYMNOSPERMS

Taxus



I.MADHUMITHA

2013311085016

|| ND YEAR PBPB (2020- 2023)

CLAY MODELS OF FOSSIL TYPES

