

### **7.3**

#### **E-Flora of Shri R.L.T. College campus**


The mission of our college, Shri R. L. T. College of Science, Akola is “To percolate scientific temperament among the students and society.” Considering this mission in mind, during session 2022-23, department of Botany prepared E-Flora (Digital Flora) of this college campus. An electronic Flora is an online resource which provides descriptions of the associated plants. This flora reflects the diversity of plants in college campus. E- flora aware about identification of plant with Botanical names and common names, also the morphology and differentiating characters of plants as well as importance for mankind. This document also contains information in local (Marathi) language, so that the non-biological person can also learn information about the plant.

Aim of this E- flora development activity is to propagate scientific as well as applicable knowledge about varieties of plants among the students and society.

Plants survey was done in campus under guidance of project coordinator, Mr. Shailendra V. Madavi, Assistant Professor, Department of Botany. Students from UG and PG department of Botany took active participation in the preparation of checklist of campus flora. Detailed information about each and every plant was collected by students and organized by project coordinator. Every plant of the campus is provided with QR Codes. So that with smart phone can scan this QR codes and get information about the plants. These codes include various information about the plant, like botanical Name, family, morphological details, flowering and fruiting seasons and economic and medicinal importance of plants. These codes also include information in Marathi i.e. in local language, so common people and nature lovers can also get information about plant. This project is beneficial for students of all discipline, teachers, non-teaching staff, various stakeholders and common people.

## E-Flora of Shri R.L.T. College campus






**The B. G. E. Society's**  
**Shri R.L.T. College of Science, Akola**  
**Department of Botany**  
Inauguration of  
**E-Flora: Track Plant Information by QR Code Scanning**  
On date Monday, 10<sup>th</sup> October, 2022


By the hands of  
**Hon'ble Dr. Vedprakash Mishra**  
Pro-Chancellor, Datta Meghe Institute of Medical Sciences  
(Deemed to be University), Nagpur


In gracious presence of  
**Hon'ble Dr. Dileep N. Malkhede** Vice-Chancellor, S.G.B. Amravati University, Amravati  
**Hon'ble Dr. Tushar R. Deshmukh** Registrar, S.G.B. Amravati University, Amravati  
Executive Committee


**The Berar General Education Society, Akola**


**Mr. S. V. Madavi** Co-Ordinator  
**Mrs. V. N. Badgujar** Head Dept. of Botany  
**Dr. V. D. Nanoty** Principal  
**Dr. P. M. Khadse**  
**Dr. A. A. Sangole**

  
*Alstonia scholaris*

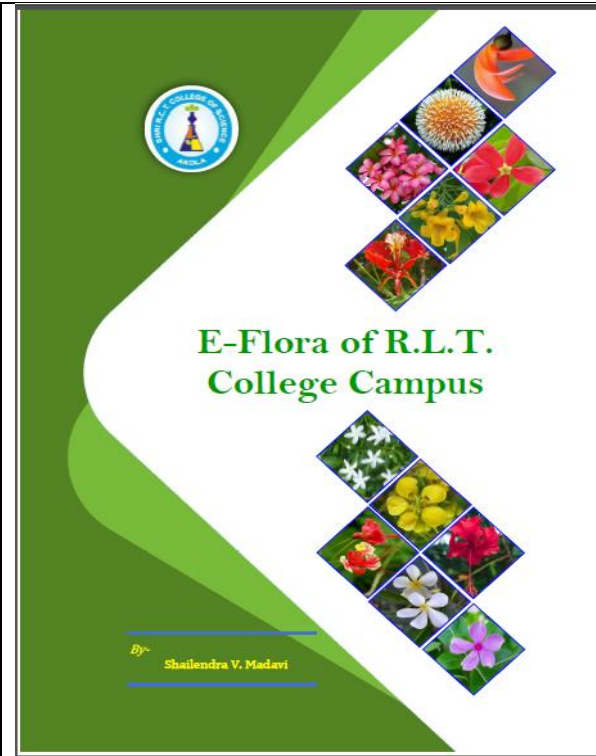
  
*Neolamarkia cadamba*

  
E-Flora

  
*Azadirachta indica*

  
*Polyalthia longifolia*

E-Flora was released on 10<sup>th</sup> October 2022 by the hands of Dr. Vedprakashji Mishra, Pro-Chancellor, Datta Meghe Institute of Medical Science (Deemed-to-be University), Nagpur, in the gracious presence of Hon'ble Dr. Tushar R. Deshmukh, Registrar, S.G.B. Amravati University, Amravati, Adv. M. G. Mohta Sir, President, The B.G.E. Society, Akola, Shri Pawanji Maheshwari, Hon. Secretary, The B.G.E. Society, Akola, Principal Dr. V. D. Nanoty Sir, and All executive members of The B.G.E. Society, Akola.



*Acalypha wilkesiana*

Botanical Name: *Acalypha wilkesiana* Muell. Arg.  
 Synonyms: *Acalypha tricolor* Seem.  
 Common Name: Copperleaf, Jacob's Coat, Fire-Dragon  
 Plant Family: Euphorbiaceae  
 Plant Form: Herb



More Details



Morphology of Plant:

Habit: Evergreen herb.

Stem: Erect with many branches having fine hairs.

Leaves: Large, broad, multi-colored and variegated. The coppery green leaves with red or yellow splashes give them mottled appearance.

Inflorescence: Axillary Spikes

Flowers: Male and female flowers are borne separately on the same plant. Male spikes are up to 12 cm long with minute bracts and many flowers. Male flowers reddish, sessile like having yellowish anthers. Female flowers dark reddish to tomentose, sessile. Styles are red and united at the base.

Fruits: Trilobed and pubescent.

<https://rltsc.edu.in/wp-content/uploads/2022/11/E-flora-of-RLT-For-Website.pdf>



## Updated List of Plants in College Campus

Sr. No.	Botanical Name of Plant	Common Name
1.	<i>Acalypha wilkesiana</i>	Copperleaf
2.	<i>Adhatoda vasica</i>	Adulasa
3.	<i>Aegle marmelos</i>	Bel
4.	<i>Alangium salvifolium</i>	Alangium
5.	<i>Alocasia indica</i>	Kaasaalu
6.	<i>Aloe vera</i>	Korphal
7.	<i>Alstonia scholaris</i>	Sapta parni
8.	<i>Annona squamosa</i>	Sitafal
9.	<i>Araucaria columnaris</i>	Christmas Tree
10.	<i>Asparagus racemosus</i>	Shatavari
11.	<i>Azadirachta indica</i>	Neem
12.	<i>Bacopa monnieri</i>	Bramhi
13.	<i>Bambusa vulgaris</i>	Bamboo
14.	<i>Beaucarnea recurvata</i>	Elephant's Foot Tree
15.	<i>Bougainvillea spectabilis</i>	Booganvel
16.	<i>Bryophyllum pinnatum</i>	Paan futi
17.	<i>Butea monosperma</i>	Palas
18.	<i>Caesalpinia pulcherrima</i>	Shankhasur
19.	<i>Calliandra emarginata</i>	Dwarf Powder Puff
20.	<i>Calotropis procera</i>	Rui
21.	<i>Caryota urens</i>	Fishtail palm
22.	<i>Cassia siamea</i>	Kassod
23.	<i>Catharanthus roseus</i>	Sadaphuli
24.	<i>Cissus quadrangularis</i>	Ghanasvel
25.	<i>Cocos nucifera</i>	Naral
26.	<i>Codiaeum variegatum</i>	Croton
27.	<i>Coleus amboinicus</i>	Pathurchur
28.	<i>Coleus blumei</i>	Coleus
29.	<i>Colocasia esculenta</i>	Aru
30.	<i>Combretum indicum</i>	Madhumalti

31.	<i>Commiphora wightii</i>	Gugul
32.	<i>Cordyline fruticosa</i>	Red Dracaena
33.	<i>Cycas revoluta</i>	Cycas
34.	<i>Cymbopogon citratus</i>	Lemmon grass
35.	<i>Delonix regia</i>	Gulmohar
36.	<i>Dieffenbachia seguine</i>	Dumb Cane
37.	<i>Dyopsis lutescens</i>	Areca palm
38.	<i>Epipremnum aureum</i>	Money plant
39.	<i>Eucalyptus citriodora</i>	Nilgiri
40.	<i>Euphorbia milii</i>	Giant Crown of Thorns
41.	<i>Ficus benjamina</i>	Golden fig
42.	<i>Ficus racemosa</i>	Umbar
43.	<i>Hamelia patens</i>	Fire Bush
44.	<i>Hibiscus rosa-sinensis</i>	Jaswand
45.	<i>Hibiscus schizopetalus</i>	Japanese hibiscus
46.	<i>Ixora coccinea</i>	Ixora
47.	<i>Jasminum multiflorum</i>	Kunda
48.	<i>Jasminum sambac</i>	Mogra
49.	<i>Jatropha integerrima</i>	Spicy jatropha
50.	<i>Mangifera indica</i>	Amba
51.	<i>Morus alba</i>	Tuti
52.	<i>Murraya koenigii</i>	Kadi patta
53.	<i>Neolamarckia cadamba</i>	Kadamba
54.	<i>Nerium oleander</i>	Kaner
55.	<i>Nyctanthes arbortristis</i>	Parijatak
56.	<i>Nymphaea pubescens</i>	Kamal
57.	<i>Ocimum sanctum</i>	Tulsi
58.	<i>Opuntia elatior</i>	Naag phani
59.	<i>Peltophorum pterocarpum</i>	Pivli gulmohar
60.	<i>Phoenix sylvestris</i>	Khajur
61.	<i>Phyllanthus emblica</i>	Aawala
62.	<i>Plumeria pudica</i>	White plumeria

63.	<i>Plumeria rubra</i>	Chafa
64.	<i>Polyalthia longifolia</i>	Khota ashok
65.	<i>Pongamia pinnata</i>	Karanj
66.	<i>Ravenala madagascariensis</i>	Traveller's tree
67.	<i>Rosa indica</i>	Rose
68.	<i>Sapindus trifoliatus</i>	Ritha
69.	<i>Spathodea campanulate</i>	Fountain tree
70.	<i>Tabernaemontana divaricata</i>	Ananta
71.	<i>Tamarindus indica</i>	Chinch
72.	<i>Tecoma stans</i>	Tekoma
73.	<i>Terminalia arjuna</i>	Arjun
74.	<i>Terminalia catappa</i>	Jangali Badam
75.	<i>Thuja occidentalis</i>	Vidhya tree
76.	<i>Tradescantia pallida</i>	Purple heart
77.	<i>Tradescantia spathacea</i>	Oysterplant
78.	<i>Costus speciosus</i>	Pev
79.	<i>Withania somnifera</i>	Ashwagandha
80.	<i>Rauvolfia serpentina</i>	Sarpagandha
81.	<i>Mimosa pudica</i>	Lajalu
82.	<i>Sansevieria trifasciata</i>	Snake Plant
83.	<i>Ocimum Gratissimum</i>	Ramatulasi
84.	<i>Pimenta dioica</i>	Allspice
85.	<i>Artocarpus heterophyllus</i>	Phanas
86.	<i>Clitoria ternatea</i>	Gokarna
87.	<i>Kalanchoe pinnata</i>	Paanfuti
88.	<i>Euphorbia tithymaloides</i>	Dudh Mogra
89.	<i>Eichhornia crassipes</i>	Jal Kumbhi
90.	<i>Pistia stratiotes</i>	Gondval / Gondali

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