



"Education for Knowledge, Science, and Culture"
- Shikshanmaharshi Dr. Bapuji Salunkhe
Shri Swami Vivekanand Shikshan Sanstha's
Vivekanand College, Kolhapur
(Empowered Autonomous)



Department of Botany

Daily Plant Display

2023-24

Vivekanand College, Kolhapur (Empowered Autonomous)

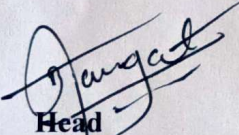
Department of Botany

Daily Plant Display

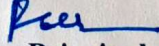
01st August 2023

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Head
Department of Botany
VIVEKANAND COLLEGE, KOLHAPUR
(EMPOWERED AUTONOMOUS)




Principal
Vivekanand College, Kolhapur
(Empowered Autonomous)

“Dissemination of Education for Knowledge, Science and Culture”

-Shikshanmaharshi Dr. Bapuji Salunkhe.

Shri. Swami Vivekanand Shikshan Santha's

Vivekanand College, Kolhapur (Empowered Autonomous)

DEPARTMENT OF BOTANY

Date: 30/07/2023

To

The Principal

Vivekanand College, Kolhapur (Empowered Autonomous)

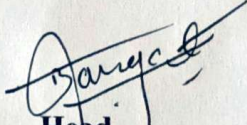
Subject: Permission to conduct Daily Display Plant Activity

Respected Sir,

The Department of Botany will be hosting a Daily Display Plant Activity on Tuesday, August 01, 2023. Kindly permit us to make the same arrangements.

Thanking you.....




Head
HEAD
DEPARTMENT OF BOTANY
VIVEKANAND COLLEGE, KOLHAPUR
(EMPOWERED AUTONOMOUS)

“Dissemination of Education for Knowledge, Science and Culture”

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Shri. Swami Vivekanand Shikshan Santha's
Vivekanand College, Kolhapur (Empowered Autonomous)
DEPARTMENT OF BOTANY

Date: 30/07/2023

NOTICE

All the students of B. Sc. III are hereby informed that our department is going to start the Daily Plant Display activity from 1st August 2023 in our Botany Department at 11.30 a.m. All are requested to be present for this activity.



Singal
HEAD
DEPARTMENT OF BOTANY
VIVEKANAND COLLEGE, KOLHAPUR
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Vivekanand College, Kolhapur (Empowered Autonomous)

DEPARTMENT OF BOTANY

Daily Plant Display

Programme Schedule

❖ **Chief Guest: Dr. R. R. Kumbhar**

Principal

Vivekanand College, Kolhapur (Empowered Autonomous)

❖ **President: Dr. B. T. Dangat**

Head, Dept. of Botany

Vivekanand College, Kolhapur (Empowered Autonomous)

❖ **Vote of thanks: Miss. Vaishnavi Devane**

❖ **Anchoring: Miss. Srushti kambale**

❖ **Venue:** Botany Department Lab

❖ **Date :-** 01/08/2023

❖ **Time :-** 11.00 a.m. onwards



"Dissemination of Education for Knowledge, Science and Culture."

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Shri Swami Vivekanand Shikshan Sanstha, Kolhapur.

Vivekanand College, Kolhapur (Empowered Autonomous)

Department of Botany

Attendance Sheet

Name of Programme: "Daily Plant Display"

Tuesday, August 01, 2023

Sr. No.	Roll No.	Class	Name Of Student	Sign
1	7792	Bsc-II	Arnav Anil Chougale	<u>Arnav</u>
2.	PRN-2021-037189	B.Sc-II	Trupti Tukaram Chougale	<u>Trupti</u>
3.	7795	B.Sc-II	Tamanna Sameer Desai	<u>Desai</u>
4.	7797	BSC II	Rutuja Avinash Ghatage	<u>R.A. Ghatage</u>
5.	7790	Bsc II	Vaishnavi Sander Chougale	<u>Chougale</u>
6	7791	BSC II	Vaishnavi Shivaji Chougale	<u>Chougale</u>
7.	7801	BSC II	Vaishnavi Shankar Kumbhar	<u>Kumbhar</u>
8.	7799	BSC-II	Rutuja Vishal Kambale	<u>Kambale</u>
9.	7800	BSC II	Priyanka Sandeep Kukade	<u>Kukade</u>
10	7802	BSC II	Sanika Baban Langade	<u>Langade</u>
11	7944	BSC-II	Shruti Sudarshan Rajee	<u>Rajee</u>
12	7798	BSC II	Shehal Nandkumar Gonsane	<u>Gonsane</u>
13	7807	BSC II	Muskan Javed Nomin	<u>Nomin</u>
14.	7809	BSC II	Madhavi Vijay Nalavade	<u>Nalavade</u>
15.	7815	BSC-II	Namrata Nagesh Patil	<u>Patil</u>
16	7814	BSC II	Manveta Sander Patil	<u>Patil</u>
17.	7812	BSC II	Aakanksha Ananda Patale	<u>Patale</u>
18	7803	BSC II	Manasvi Anil Mali	<u>Mali</u>
19.	7816	B.Sc. II	Rutika Appasa Patil	<u>Patil</u>
20	7813	BSC II	Maithili Sanjay Patil	<u>Patil</u>
21	7811	BSC II	Avadhut D. Nimbalkar	<u>Nimbalkar</u>
22	7915	BSC II	Suyash K. Jadhav	<u>Jadhav</u>
23	7918	BSC-II	Pruthviraj R. Havaldar	<u>Havaldar</u>
24	7823	BSC-II	Ayesha Aslam Shaikh	<u>Shaikh</u>
25	7810	B.Sc-II	Ashiya Riyaz Nayakwarli	<u>Nayakwarli</u>
26	7821	B.Sc II	Sonali Ramesh Rathod	<u>Rathod</u>
27	7805	B.Sc II	Sahida Allauddin Mansuri	<u>Mansuri</u>
28	7921	B.Sc II	Jay Ramdas Killedar	<u>Killedar</u>
29	7827	B.Sc II	Nandini Raghunath Sutar	<u>Sutar</u>
30	7817	B.S.C II	Somniddhi Sanjay Patil	<u>Patil</u>
31	7819	B.Sc II	Sanika Baburao Powar	<u>Powar</u>
32	7820	B.Sc II	Sanika Pandurang Powar	<u>Powar</u>
33	7822	B.Sc II	Afroja Aslam Sayyad	<u>Sayyad</u>
34.	7829	B.Sc II	Shruti Yashvant Vadd	<u>Vadd</u>
35	7916	B.Sc-II	Sameuddhi Laxman Chougale	<u>Chougale</u>
36.	2021037070	BSC II	Vaishnavi Vikramsinh Chougale	<u>Chougale</u>



- | | | | |
|-----------------------------------|-------|-----------|---------------------|
| 37. Pariti Paravin tope | 7920 | B.Sc II | <u>POPE.</u> |
| 38. Sejal Vikas sharma | 7824 | B.Sc. I | <u>Sejal sharma</u> |
| 39. Priya Gopal Singh | 7826 | B.Sc - II | <u>Priya</u> |
| 40. Rifat Nasirkhan | Ustad | B.Sc - II | <u>Rifat</u> |
| 41) Shambhavi mukesh kumar Mishra | | B.Sc - II | <u>Shambhavi</u> |
| 42) Mahommedkif shahanul Mulla | | B.Sc - II | <u>Mu</u> |
| 43) Sahil Sande Dange | | B.Sc II | <u>Saji</u> |
| 44 Komal Anil Mitake | | B.Sc II | <u>K</u> |
| 45) Apurva Balaso Mangave | | B.Sc - II | <u>Amangave</u> |



Daily Plant Display

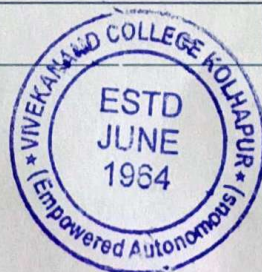


List of Plants

Sr. No.	Plant Species	Family
1.	<i>Aglaonema commutatum</i>	Araceae
2.	<i>Draeceana angustifolia</i>	Asparagaceae
3.	<i>Brugmansia candida</i>	Solanaceae
4.	<i>Codiaeum variegatum</i>	Euphorbiaceae
5.	<i>Euphorbia milii</i>	Euphorbiaceae
6.	<i>Duranta erecta</i>	Verbenaceae
7.	<i>Jatropha integerrima</i>	Euphorbiaceae
8.	<i>Pilea depressa</i>	Urticaceae
9.	<i>Polyscias guilfoylei</i>	Araliaceae
10.	<i>Ficus retusa</i>	Moraceae
11.	<i>Combretum indicum</i>	Combretaceae
12.	<i>Lactuca floridana</i>	Asteraceae
13.	<i>Vitex negundo</i>	Lamiaceae
14.	<i>Ficus arnottiana</i>	Moraceae
15.	<i>Artocarpus heterophyllus</i>	Moraceae
16.	<i>Aegle marmelos</i>	Rutaceae
17.	<i>Neolamarckia cadamba</i>	Rubiaceae
18.	<i>Prosopis cineraria</i>	Poaceae
19.	<i>Ficus benghalensis</i>	Moraceae
20.	<i>Calotropis gigantea</i>	Apocynaceae
21.	<i>Russelia equisetiformis</i>	Plantaginaceae
22.	<i>Spathiphyllum floribundum</i>	Araceae
23.	<i>Piper betle</i>	Piperaceae
24.	<i>Crossandra infundibulliformis</i>	Acanthaceae
25.	<i>Basella alba</i>	Basellaceae
26.	<i>Draecaena reflexa</i>	Asparagaceae



27.	<i>Heptaplerum arboricola</i>	Araliaceae
28.	<i>Chlorophytum capens</i>	Asparagaceae
29.	<i>Azadirachta indica</i>	Meliaceae
30.	<i>Murraya paniculata</i>	Rutaceae
31.	<i>Plumbago auriculata</i>	Plumbaginaceae
32.	<i>Ixora coccinea</i>	Rubiaceae
33.	<i>Bougainvillea spectabilis</i>	Nyctaginaceae
34.	<i>Brugmansia candida</i>	Solanaceae
35.	<i>Tectona grandis</i>	Lamiaceae
36.	<i>Grevilea robusta</i>	Proteaceae
37.	<i>Catharanthus roseus</i>	Apocynaceae
38.	<i>Santalum album</i>	Santalaceae
39.	<i>Cymbopogon citratus</i>	Poaceae
40.	<i>Couropita guianensis</i>	Lecythidaceae
41.	<i>Brugmansia candida</i>	Solanaceae
42.	<i>Agave sisalana</i>	Asparagaceae
43.	<i>Bergera koenigii</i>	Rubiaceae
44.	<i>Bougainvillea spectabilis</i>	Nyctaginaceae
45.	<i>Breynia disticha</i>	Phyllanthaceae
46.	<i>Carpentaria acuminata</i>	Arecaceae
47.	<i>Cordyline fruticosa</i>	Asparagaceae
48.	<i>Caryota urens</i>	Arecaceae
49.	<i>Couvoupila guianensis</i>	Lecythidaceae
50.	<i>Cycas circinalis</i>	Cycadaceae
51.	<i>Cymbopogon citratus</i>	Poaceae
52.	<i>Mangifera indica</i>	Anacardiaceae



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Vivekanand College, Kolhapur

(Empowered Autonomous)



Internal Quality Assurance Cell
2023-24

Quality Initiatives/ Activities Report

1. Name of Department: Botany

2. Name of Organized Activity: "Daily Plant Display"

3. Date/ Duration: 01/08/2023

4. Aims and Objectives:

1. Promoting awareness for importance and necessity of conservation of plants
3. Engage the college community in collective efforts towards creating a cleaner and greener environment.

5. No. of beneficiaries: 45

6. Expenditure & funding agency:/collaborators: No

7. Brief description:

Department of Botany, Vivekanand College, Kolhapur (Empowered Autonomous) has organized a 'Daily Plant Display' activity on 1st August 2023, with Dr. B.T. Dangat functioning as the department head. All botany students learn about plant identification, families, morphological traits, and medicinal qualities via the daily plant exhibit. All of the teaching members as well as the B. Sc. III and B. Sc. II botany students are involved in this activity. Student enrolled in B.Sc.-III bring one plant twig to the department each day. Following the plant's identification with the help of floras and departmental professors. At the green corner, the pupils present the plant twig more closely, highlighting all of its features. This open space is also known as the "Selfie Point."

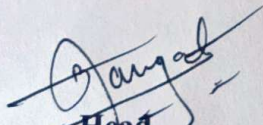
8. Outcomes: The daily plant display serves to teach all botany students about plant identification, the family, morphological characteristics and medicinal properties of the plants.



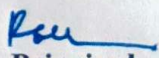
9. Photos:



10 .Signatures of coordinator/ organizer:


Head
HEAD
DEPARTMENT OF BOTANY
Department of Botany
VIVEKANAND COLLEGE, KOLHAPUR
(EMPOWERED AUTONOMOUS)




Principal
PRINCIPAL
Vivekanand College,
VIVEKANAND COLLEGE, KOLHAPUR
(Empowered Autonomous) (US)

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Shri Swami Vivekanand Shikshan Sanstha's

Vivekanand College, Kolhapur (Empowered Autonomous)

Department of Botany

Daily Plant Display

Date: 01/08/2023

Botanical name – *Aglaonema commutatum* Schott.

Common Name- Chinese evergreen

Family - Araceae

Common characters –

- *Aglaonema commutatum*, commonly called Chinese evergreen, is an evergreen perennial that generally resembles dieffenbachia (dumb cane) in appearance.
- The native range of this species is Central Malesia. It is a subshrub and grows primarily in the wet tropical biome.
- It typically grows to 20 m tall. Thick, elliptic to lance-shaped, dark green leaves (to 4-8” long and 2-3” wide) with attractive silver-gray blotches on erect, sometimes branched stems.
- As a houseplant, it rarely flowers. Each axillary flower (typical arum family) features a small creamy white spadix enclosed by a pale green spathe, usually in late summer to early fall.
- Clusters of red berries follow the flowers.

Uses –

- The plant does well in diffuse sun or good indirect light and prefers high humidity but will tolerate dryer air.



- It is an excellent plant for low-light, indoor locations; it can also be used outdoors as a filler plant or low hedge in warm regions.
- The *Aglaonema*; Chinese Evergreen helps to improve the air quality of your indoor spaces with the ability to filter indoor air pollutants and toxins.
- This gorgeous leafy indoor plant emits Oxygen, which assists in increasing productivity and enriching health and well-being both in living and working spaces



Aglaonema commutatum

By:

B. Sc-III students

1. Vaishnavi R. Devane
2. Prasad C. Kadam



Bangal
01.08.23
Head
HEAD
DEPARTMENT OF BOTANY
Department of Botany
VIVEKANAND COLLEGE, KOLHAPUR
(EMPOWERED AUTONOMOUS)

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Vivekanand College, Kolhapur (Empowered Autonomous)

Department of Botany

Daily Plant Display

Date:02/08/2023

Botanical name – *Dracaena angustifolia* (Medik.) Roxb.

Common Name- Nam ginseng, Soap tree, Narrow-leaf Dracaena, Narrow-leaf Pleomele

Family –Asparagaceae

Common characters –

- *Dracaena angustifolia* is a rhizomatous, perennial herbaceous plant, forming large climbing shrubs with few ascending branches or small slender trees with weak pendulous twigs, and 1-3 m tall.
- The sessile linear leaves are born in dense rosettes, followed by yellow flowers in terminal racemes to spreading panicles and globose compressed 3-lobed berry.
- It is widely cultivated as a garden and indoor ornamental plant.
- The stems are simple or few branched, greyish and smooth. Internodes often longer than wide.
- Leaves spirally arranged, spaced along distal part of stems, sessile, subsessile or indistinctly petiolate; petiole to 1 cm, base not completely covering internode. Blade, fleshy, sword-shaped to linear-oblongate, (15–)20-45(–50) cm long, (1–)1.5-3.5(–5) cm wide and tapering to a sharp tip.
- Terminal, paniculate, usually with only one order of branching, and 30-50 cm long. Rachis glabrous. Pedicels (5)7-8(-10) mm long, articulated above the middle.
- Flowers are arranged in clusters of 2 or 3(-4), perianth greenish white, 1.8–2.3 long, tube 7-8 mm in diameter. Lobes of the perianth 6, 10-16 mm long. Filaments filiform, anthers 2-3 mm long. Style 5-8 as long as ovary.



Uses –

- The leaves are used to make green food coloring.
- *D. angustifolia* is used traditionally as medicine for several different ailments.
- It is also planted as a hedge.



By:

B. Sc-III students

1. Shrushti P Kamble

2. Prathamesh S Kamble



Prathamesh S Kamble
Head
HEAD
DEPARTMENT OF BOTANY
VIVEKANANDA COLLEGE, KOLHAPUR
(EMPOWERED AUTONOMOUS)
02.08.23