

Dr. Mrs. M. V. Ingawale
Dept. of Botany
Kisan Veer Mahavidyalaya, Wai
Date- 04/01/2024.

To,
The Principal,
Kisan Veer Mahavidyalaya, Wai.

Sub: - Regarding permission of Botanical Excursion of BSc. II

As per rules and syllabus of **B.Sc-II Botany** of Shivaji University Kolhapur, Department of Botany has organized Botanical Excursion of B.Sc.II students at **Shivaji University on Saturday, 06/01/2024**. So, I kindly request you to give permission for the same.

Thanking you,



M. V. Ingawale

Yours Faithfull

Head of Department of Botany

Department of Botany

Kisan Veer Mahavidyalaya, Wai

Date: - 04/01/2024

Notice

According to rules and syllabus of Shivaji University, Kolhapur, Department of Botany has Organized Botanical Excursion visit to Shivaji University Kolhapur of **B.Sc. II** students on **Saturday, 06/01/2024**. All concern students should be remaining present. Tour report is compulsory as a submission of requirement of practical examination. So, all students should remain present on Wai S. T. Stand at **6.30 am**. This trip is compulsory to all B. Sc. II botany students.

Thanking You,




Principal

(Kisan Veer Mahavidyalaya, Wai)



Janata Shikshan Sanstha's

Kisan Veer Mahavidyalaya, Wai

Tal. Wai, Dist. Satara, Maharashtra Pin-412 803.

Affiliated to Shivaji University, Kolhapur

NAAC Accredited : B+ (CGPA 2.66)

Website : www.kvmwai.edu.in



Kisan Mahadeo Veer
Founder President
Janata Shikshan Sanstha, Wai

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UDISE No. : 27311111516
Index No. : J21.11.001

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Principal

Mob. 9421107635 / 9404140371

Shri. Shankarrao Dajiba Gadhave

Vice-President

Janata Shikshan Sanstha, Wai

Shri. Madan Prataprao Bhosale

President

Janata Shikshan Sanstha, Wai

Ref. No. :

Date :

To,
Head,
Department of Botany,
Shivaji University, Kolhapur.

Subject- Permission to visit Lead Botanical Garden

Respected sir,

Department of Botany, Kisan veer Mahavidyalaya, Wai (A team of 20 students of B.Sc II along with two teachers- Dr. D.A.Choudhari and Dr. S.H.Patil) organizing an educational visit to Lead botanical garden on 6th January, 2024 at 1.00PM. We are eager to explore the diverse plant species and educational exhibits within the garden. We assure you that our visit will be conducted with utmost respect for the rules and regulations of the garden. The list of students is enclosed below for your reference. We request you to give us permission to visit the departmental garden.

Thanking you.



Gagan
PRINCIPAL
KISAN VEER MAHAVIDYALAYA
WAI, DIST. SATARA,
M.S. 412 803. (INDIA)

Received
H.S. Wadhwa
06-01-2024
So-A-884 (Bot)

01
AS. P. Wadhwa
04-01-2024

**Janata Shikshan Sanstha's
Kisan Veer Mahavidyalaya, Wai
Department of Botany
List of Students attended at
Botanical Excursion
(Lead Botanical Garden)
Shivaji University Kolhapur**

B.Sc. II

Sr. No.	Roll No.	Students Name
1	28	INGAWALE SANIKA SANJAY
2	29	RUCHA SANTOSH DESHMUKH
3	36	MAHANGADE VIRENDRA SANTOSH
4	37	BANDAL ADINATH SURESH
5	38	BIRAMANE MAYURI DHANANJAY
6	43	PRAJWAL RAJENDRA KADAM
7	44	KADAM OMKAR VIJAY.
8	46	MORE PRANALI VILAS
9	47	CHAVAN UTKARSHA SANJIV
10	48	CHIKANE ATHARV SANDIP
11	49	BHISE MANOJ RAMCHANDRA
12	50	CHAVAN SNEHAL SURESH
13	52	MANDHARE PRATHAMESH SATISH
14	53	CHAVAN GANESH PRAKASH.
15	54	LOKHANDE ROHIT SUHAS
16	55	PAWAR ABHIJEET BHARAT
17	56	THORAVE RAJ VIJAY
18	57	VARE PRERANA MAHADEV
19	58	WAGH AAKANKSHA RAJENDRA
20	59	DAGADE DIVYA DATTATRAY



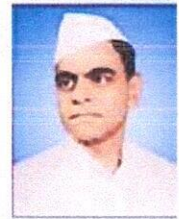
**Janata Shikshan Sanstha's
Kisan Veer Mahavidyalaya, Wai
Department of Botany
List of Students attended at
Botanical Excursion
(Lead Botanical Garden)
Shivaji University Kolhapur**

Sr. No.	Roll No.	Students Name	Sign
1	28	INGAWALE SANIKA SANJAY	<u>Ingawale</u>
2	29	RUCHA SANTOSH DESHMUKH	<u>Rucha</u>
3	36	MAHANGADE VIRENDRA SANTOSH	<u>V.s. Mahangade</u>
4	37	BANDAL ADINATH SURESH	<u>Bandal</u>
5	38	BIRAMANE MAYURI DHANANJAY	<u>M.D. Biramane</u>
6	43	PRAJWAL RAJENDRA KADAM	<u>Prajwal</u>
7	44	KADAM OMKAR VIJAY.	<u>O.V. Kadam</u>
8	46	MORE PRANALI VILAS	<u>P.V. More</u>
9	47	CHAVAN UTKARSHA SANJIV	<u>U.s. Chavan</u>
10	48	CHIKANE ATHARV SANDIP	<u>Chikane</u>
11	49	BHISE MANOJ RAMCHANDRA	<u>Bhise M.R.</u>
12	50	CHAVAN SNEHAL SURESH	<u>Chavans</u>
13	52	MANDHARE PRATHAMESH SATISH	<u>P.S. Mandhare</u>
14	53	CHAVAN GANESH PRAKASH.	<u>Chavan G.P.</u>
15	54	LOKHANDE ROHIT SUHAS	<u>Lokhande R.</u>
16	55	PAWAR ABHIJEET BHARAT	<u>A.B. Pawar</u>
17	56	THORAVE RAJ VIJAY	<u>Thorave R.V.</u>
18	57	VARE PRERANA MAHADEV	<u>Vare</u>
19	58	WAGH AAKANKSHA RAJENDRA	<u>Wagh</u>
20	59	DAGADE DIVYA DATTATRAY	<u>Dagade</u>





**JANATA SHIKSHAN SANTHA'S
KISAN VEER MAHAVIDYALAYA, WAI**



DEPARTMENT OF BOTANY



BOTANICAL EXCURSION REPORT

B.Sc II

2023-2024

JANATA SHIKSHAN SANTHA'S
KISAN VEER MAHAVIDYALAYA WAI



CERTIFICATE

This is certifying that Mr. / Miss Jadhav Sanika of B. Sc II,
Roll no. 87 has successfully completed botanical excursion during the academic
year 2023-24 in partial fulfillment of botany practical examination conducted by
Department Of Botany, Kisan Veer Mahavidyalaya, Wai.

Date: 15/03/2024

Place: Wai

Abudhan'
19/3/2024

Teacher in- charge



[Signature]

External examiner

[Signature]

Head of Department

HEAD
DEPARTMENT OF BOTANY
Kisan Veer Mahavidyalaya

Kisan Veer Mahavidyalaya, Wai

Report of Botanical excursion organized by Department of Botany

On 6th January, 2024 we, B.SC II students and our teachers, Kisan Veer Mahavidyalaya, Wai visited Lead botanical garden (LBG) at Shivaji University, Kolhapur. This garden is the only Lead botanical garden in the Maharashtra state and also first Botanical Garden in India which is declared as Lead Botanical Garden for Western India.

The garden is the best example of Ex-situ conservation. It seems to be most ideal for conservation of Rare, Endangered and threatened and economically important species of the particular region. Initially it is established in 1985 and expanded over 42 acres. It is collection of more than 500 species of trees. It has more than 150 endemic plant species and 20 critically endangered endemic plant species of Western Ghats. Officially the LBG was established in 2007 under the leadership of Prof. Dr. S. R. Yadav.

The garden is filled with lush greenery, colorful flowers and flowering trees. The air was filled with the sweet scent of flowers and the sound of birds singing. It was truly peaceful and serene environment. The garden information was explained by research student Mr. Ranjit Londhe sir, Dept of Botany, SUK. As per information, The LBG have the following major sections-

1. Fernery
2. Pinetum
3. Conservatory of Rhizomatous, Cormatous, Tuberous plants
4. Aquatic plants



5. Medicinal plants
6. Palmatum
7. Orchidarium
8. Mangrove nursery
9. Nursery of RET species
10. Nilambary auditorium

As we walked deeper into the garden we came across various signboards with information on the different species of plants that could be found within the garden. The garden has a vast collection of rare and endangered plants that have been carefully cultivated and preserved. There were also man made ponds within the garden, which were home to various species of fish and aquatic plants. Throughout the garden, there were designated walking trails that allowed visitors to explore the various sections of the garden. The garden has a small museum that provided visitors with more information on the flora and fauna of the region. The garden has green houses for plant cultivation and also has one Oil distillation unit through which researcher carried out distillation of aromatic oil from Geranium plant.

The center of attraction of garden is the second largest water lily plant *Victoria amazonica* and another one is the Petrified fossil *Mesembrioxylon mahabalei*. Also the garden has many attractive plants some of them are Century palm, Aquatic palm, Travellers palm, Wild bananas, Insulin plant, Mangrooves etc.

In conclusion, our visit to the Lead Botanical Garden was an enriching experience. The garden was serves as an importance of preserving our natural resources and biodiversity. It was a joy to see so many different species co-existing



in harmony and we left the park feeling inspired and grateful for the opportunity to witness such beauty.

List of Plants

Sr. No.	Plant Name	Family
1.	<i>Cycas revolute</i>	Cycadaceae
2.	<i>Juniperus communis</i>	Cupressaceae
3.	<i>Thuja occidentalis</i>	Cupressaceae
4.	<i>Callistemon citrinus</i>	Myrtaceae
5.	<i>Cassia fistula</i>	Fabaceae
6.	<i>Justica adhatoda</i>	Acanthaceae
7.	<i>Ficus krishne</i>	Moraceae
8.	<i>Corypha umbraculifera</i>	Aracaceae
9.	<i>Araucaria heterophylla</i>	Araucariaceae
10.	<i>Mangifera indica</i>	Anacardiaceae
11.	<i>Santalum album</i>	Santalaceae
12.	<i>Annona reticulate</i>	Parmulariaceae
13.	<i>Parkia biglobosa</i>	Fabaceae
14.	<i>Terminalia catappa</i>	Combretaceae
15.	<i>Cocos nucifera</i>	Palmaceae
16.	<i>Phoenix dactylifera</i>	Arecaceae
17.	<i>Zizyphus xylopyra</i>	Rhamnaceae
18.	<i>Phyllanthus emblica</i>	Phyllanthaceae
19.	<i>Terminalia bellerica</i>	Combretaceae
20.	<i>Ficus glomerata</i>	Moraceae
21.	<i>Muntingia calabura</i>	Muntingiaceae
22.	<i>Ravenala madagascariensis</i>	Strelitziaceae
23.	<i>Manilkara hexandra</i>	Sapotaceae



24.	<i>Cassia siamea</i>	Fabaceae
25.	<i>Lagerstromia parviflora</i>	Lythraceae
26.	<i>Calophyllum inophyllum</i>	Calophyllaceae
27.	<i>Terminalia arjuna</i>	Combretaceae
28.	<i>Eucalyptus globulus</i>	Myrtaceae
29.	<i>Madhuca longifolia</i>	Sapotaceae
30.	<i>Cinnamomum zeylanicum</i>	Lauraceae
31.	<i>Caryota rumphiana</i>	Arecaceae
32.	<i>Pinus</i>	Pinaceae
33.	<i>Musa balbisiana</i>	Musaceae
34.	<i>Canarium strictum</i>	Burseraceae
35.	<i>Saraca asoca</i>	Fabaceae
36.	<i>Rivina humilis</i>	Petiveriaceae
37.	<i>Hibiscus acetocella</i>	Malvaceae
38.	<i>Pandanus</i>	Pandanaceae
39.	<i>Amherstia nobilis</i>	Fabaceae
40.	<i>Coclospermum religiosm</i>	Bixaceae
41.	<i>Syzygium laetum</i>	Myrtaceae
42.	<i>Erythrina variegata</i>	Fabaceae
43.	<i>Holigarna arnottiana</i>	Anacardiaceae
44.	<i>Stemodia viscosa</i>	Plantaginaceae
45.	<i>Mikania micrantha</i>	Asteraceae
46.	<i>Rivina humilis</i>	Petiveriaceae
47.	<i>Phyllodium elegans</i>	Fabaceae
48.	<i>Limnocharis flava</i>	Alismataceae
49.	<i>Rotala rotundifolia</i>	Lythraceae
50.	<i>Acorus gramineus</i>	Acoraceae



PHOTOGRAPHS

