

Dr. Mrs. M. V. Ingawale
Dept. of Botany
Kisan Veer Mahavidyalaya, Wai
Date- 04/10/2023.

To,
The Principal,
Kisan Veer Mahavidyalaya, Wai.

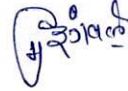
Sub: - Regarding permission of Botanical Excursion of BSc. III

As per rules and syllabus of **B.Sc-III Botany** of Shivaji University Kolhapur, Department of Botany has organized Botanical Excursion of B.Sc.III students at Kaas Platue on Friday, 06/10/2023. So, I kindly request you to give permission for the same.

Thanking you,

Permission granted
Ganpat
4-10-2023

Yours Faithfully,



Head of Department of Botany



Department of Botany

Kisan Veer Mahavidyalaya, Wai

Date:- 04/10/2023

Notice

According to rules and syllabus of Shivaji University, Kolhapur, Department of Botany has Organized Botanical Excursion visit to Kaas Plateau of **B.Sc. III** students on **Friday, 06/10/2023**. 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 7.00 am**. This trip is compulsory to all B. Sc. III botany students.

Thanking You,


Head

**Department of Botany
Kisan Veer Mahavidyalaya,
Wai 412803**


Principal

(Kisan Veer Mahavidyalaya, Wai)



**Janata Shikshan Sanstha's
Kisan Veer Mahavidyalaya, Wai
Department of Botany
List of Students attended
Botanical Excursion at Kas**

Sr. No.	Roll No.	Name of Students
1	1	Sawant Shreyasi Satish
2	32	Ladaf Madina Abdul
3	33	Warkhade Shivanjalee Ajit
4	35	Pawar Diksha Prakash
5	54	Jaygude Manasi Pradeep
6	64	Bhosale Pratiksha Dinkar
7	74	Kale Vaishnavi Umesh
8	75	Dagade Shivani Dnyaneshwar
9	76	Shinde Vaishnavi Dattatray
10	77	Gole Supriya Suryakant
11	87	Jadhav Ankita Dashrath
12	88	Bhosale Shrikant Bhikaji



**Janata Shikshan Sanstha's
Kisan Veer Mahavidyalaya, Wai
Department of Botany
List of Students attended
Botanical Excursion at Kas**

Sr. No.	Roll No.	Name of Students	Sign
1	1	Sawant Shreyasi Satish	<u>Sawant S.S.</u>
2	32	Ladaf Madina Abdul	<u>M.A. Ladaf</u>
3	33	Warkhade Shivanjalee Ajit	<u>Warkhade</u>
4	35	Pawar Diksha Prakash	<u>Pawar</u>
5	54	Jaygude Manasi Pradeep	<u>M. P. Jaygude</u>
6	64	Bhosale Pratiksha Dinkar	<u>Bhosale</u>
7	74	Kale Vaishnavi Umesh	<u>Kale</u>
8	75	Dagade Shivani Dnyaneshwar	<u>Dagade</u>
9	76	Shinde Vaishnavi Dattatray	<u>V.D. Shinde</u>
10	77	Gole Supriya Suryakant	<u>Gole S.P.</u>
11	87	Jadhav Ankita Dashrath	<u>Jadhav</u>
12	88	Bhosale Shrikant Bhikaji	<u>B.H. Bhosale</u>



KISAN VEER MAHAVIDYALAYA WAI
Report of Botanical Excursion organized by
Department of Botany

As a part of our syllabus Botanical Excursion tour was arranged to Kas on 06/10/2023, which is 56 km away from Wai. It is a very famous hill station in Western Maharashtra. It is famous for natural lake. Lake is surrounded by thick deciduous forest.

ECOLOGICAL CONDITION OF KAS

- 1] Latitude -17°47' North
- 2] Longitude - 73°56' East
- 3] Altitude (height from sea level)-1310 meter
- 4] Area covered-15.38 sq.km.
- 5] Annual rainfall-381 to 475 cm (mostly between June to Oct)
- 6] Climate- temperate.
- 7] Soil pH - Red laterite (6 ± 0.5)
- 8] Vegetation-Evergreen to mixed deciduous
- 9] Humidity-80%-100% (In rainy season)
60% - 80% (Summer season)

BUND

Kas is bund on Urmody river. It is established in 1882. Its height is 18.39 m & length is 219.4 m. Water storage of this bund is of 3,395.5 cm. The lake acquires the area of 60.126 km.

COMMON PLANTS

These are generally *Terminalia tomentosa*, *Terminalia chebula* (Hirda), *Mangifera indica* (Mango), *Eugenia jambolana* (Jambhul), *Mimosa umbellata* (Anjan), *Catunaregam spinosa* (Gehala), *Scutia indica* (Chimal), *Zizypus trinerva* (Ber), *Emblica officinalis* (Awala) etc. are seen.



Common and dominant families are Fabaceae, Rubiaceae, Astraceae, Euphorbiaceae, Bignoniaceae, Lamiaceae, Verbenaceae, Acanthaceae, Bignoniaceae, Poaceae, cypraceae and Orchidaceae.

In Kas *Osmunda regalis*, *Pteris*, silver fern are common fern while *Nelumbium* sps. is common free floating in the Kas Lake. *Apanogeton satorensis* is endemic to kas plateau.

Here we observed number of flowering plant these is as follows.

SR.NO.	BOTANICAL NAME	COMMON NAME	FAMILY
1	<i>Tinospora cordifolia</i>	Gulvel	Minispermaceae
2	<i>Collculus villosus</i>	Vasanvel	Minispermaceae
3	<i>Cissaampilus periri</i>	Pahadvel	Minispermaceae
4	<i>Michelia champaca</i>	Pivala chapha	Magnoliaceae
5	<i>Bombax mulbaricum</i>	Katesavar	Bombaceae
6	<i>zizypus trinerva</i>	Jangali bor	Rhamnaceae
7	<i>Zizypus jujuda</i>	Bor	Rhamnaceae
8	<i>Scutia indica</i>	Chimat	Rhamnaceae
9	<i>Magnifera indica</i>	Mango	Anacardiaceae
10	<i>Crotolaria retusa</i>	Oilgala	Fabaceae
11	<i>Indigofera pulcherima</i>	Nil	Fabaceae
12	<i>Erythrina indica</i>	Panjara	Fabaceae
13	<i>Glicieidia cepium</i>	Matratae	Fabaceae
14	<i>Cesalpinia sepiria</i>	Chilbar	Cesalpiniaceae
15	<i>Casia pistula</i>	Bhava	Cesalpiniaceae
16	<i>Casia occidentalis</i>	Keshivda	Cesalpiniaceae
17	<i>Bauhinia perporea</i>	Raktak chandan	Cesalpiniaceae
18	<i>Bauhinia recemosa</i>	Apta	Cesalpiniaceae
19	<i>Accacia caccinea</i>	Shikekai	Mimoceae
20	<i>Terminalia tomantosa</i>	Ain	Combretaceae
21	<i>Syzygium cumini</i>	Jambul	Myrtaceae
22	<i>Eucalyptus globosus</i>	Nilgiri	Myrtaceae
23	<i>Memecelon ambelatum</i>	Anjan	Melastomaceae
24	<i>Woodforida floribunda</i>	Dhayati	Lythraceae
25	<i>Randia dumetorum</i>	gehala	Rubiaceae
26	<i>Pauta indica</i>	Papata	Rubiaceae
27	<i>Rubia cordiflora</i>	Mangishth	Rubiaceae
28	<i>Eucalypta alba</i>	Maka	Asteraceae
29	<i>Artemessia parviflora</i>	Davana	Asteraceae
30	<i>Lobelia nicotinafolio</i>	Boknel	Lobeliaceae
31	<i>Plumbago zeylanica</i>	Chitrak	Plumbagenaceae



32	<i>Carissa karandus</i>	Karwand	Apocynaceae
33	<i>Solanum indicum</i>	Kangoni	Solanaceae
34	<i>Rhamphicarpa longiflora</i>	Nil	Schrophulariaceae
35	<i>Holarina antityeenterica</i>	Pandharaluda	Apocynaceae
36	<i>Heterofragma roxberg</i>	Varsa	Bignoniaceae
37	<i>Astracantha longifolia</i>	Talimkhana	Acantaceae
38	<i>Adathoda zylanica</i>	Adulsa	Acantaceae
39	<i>Colebrookia oppositifolia</i>	Vaman	Lamaceae
40	<i>Leukus cephalotus</i>	Tumba	Lamaceae
41	<i>Actinedaphanae hookeri</i>	Pisa	Lauraceae
42	<i>Gnedia glauca</i>	Datpadi	Thymaliaceae
43	<i>Artocarpus integirifolia</i>	Jackfruit	Moraceae
MONOCOTYLEDON FLOWERING PLANTS			
1	<i>Oberenia flaconerii</i>		Orchidaceae
2	<i>Aeridis chripus</i>		Orchidaceae
3	<i>Eriocolon sp</i>		Eriocolaceae
4	<i>Lemna polyrhiza</i> Duckbill		Lemnaceae
PTERIDOPHYTES			
1	<i>Osmunda regalis</i>		Osmundaceae
2	<i>Pteris sp</i>		Pteridiaceae
3	<i>Chylanthus sp</i> Silver fern		Pteridiaceae
4	<i>Blackenum sp</i>		
	<i>Glychenia sp</i>		
FUNGI			
1	Kulkarniella diasesae on <i>Paveta indica</i> .		
2	<i>Polyporus sp</i> on rotten wood.		
3	Hydmel sp on rotten wood stalk.		

We were enlightened by the knowledge received during this tour. We are thankful to Dr .M.V.Ingawale, Head, Department of Botany and Dr.. D.A. Choudhari and Miss.H.V.Jadhav for their valuable guidance during this tour.

Dadbas

TEACHER INCHARGE

H.V. Jadhav

HEAD OF DEPARTMENT





JANATA SHIKSHAN SANSTHA'S
KISAN VEER MAHAVIDYALAYA, WAI
Department of Botany Organized Botanical Excursion at
Kas

