डॉ. सौ. मंगुला विजय इंगवले
वनस्पतीशास्त्र विभाग
किसन वीर महाविद्यालय, वाई
दिनांक - 23/11/2022

प्रति,
मा० प्राचार्य,
किसन वीर महाविद्यालय,
वाई.

विषय - अभ्यास सहलीला जाण्याबाबत -

महोदय,

शिवाजी विद्यापीठाच्या अभ्यास क्रमानुसार वनस्पतीशास्त्र विभागातील बी.एस्सी भाग - 3 या वर्गाची अभ्यास सहल दि. 28/11/2022 रोजी महाबळेश्वर येथे आयोजित केलेली आहे. सदर सहलीस दिनांक 18/11/2022 च्या पत्रानुसार परवानगी घेतलेली आहे.

उदया दिनांक 28/11/2022 रोजी मी माझे सहकारी प्रा. कु. सोनाली पाटील, प्रा. कु. हर्षदा जाधव व प्रा. श्री अनिस मोकाशी, B.Sc. भाग 3 चे आठ व B.Sc. भाग 2 चे सहा विद्यार्थिनी असे एकूण 18 जण खाजगी वाहनाने महाबळेश्वर येथे अभ्यास सहलीसाठी जात आहोत तरी आमची ऊपुंही रजा मंजूर करावी ही नम्र विनंती.

कळावे,

आ० कृपाभिलाषी
(डॉ सौ. मंगुला इंगवले)

मा प्राचार्य सौ. थोरात के
परवानगीसाठी सादर
23-11-2022

Approved
23-11-2022

KISAN VEER MAHAVIDYALAYA * Wai, Dist. Satara *

वनस्पतिशास्त्र विभाग,
किसन वीर महाविद्यालय, वाई.
दि. १८/११/२०२२

प्रति,
मा. प्राचार्य,
किसन वीर महाविद्यालय, वाई.

विषय :- सहलीस परवानगी मिळणे बाबत...

महोदय,

शिवाजी विद्यापीठाच्या अभ्यास क्रमानुसार वनस्पतिशास्त्र विभागातील बी. एस्सी भाग ३ या वर्गाची अभ्यास सहल दि.२४/११/२०२२ रोजी महाबळेश्वर येथे आयोजित केली आहे. सदर अभ्यास सहलीस परवानगी मिळावी ही विनंती.

कळावे,

परवानगीसाठी सादर
18/11/22.

Approved
19-11-2022

आपला विश्वासू,

प्राध्यापक विभागप्रमुख

KISAN VEER MAHAVIDYALAYA
Wai, Dist. Satara

Notice

According to rules and syllabus of Shivaji University, Kolhapur, Department of Botany has Organized Botanical Excursion of B.Sc. III students at Mahableshwar on Thursday, 24/11/2022. All students should be present at 7.30 a.m in college campus.

Thanking You,

Head

Department of Botany

KISAN VEER MAHAVIDYALAYA
Wai, Dist. Satara

Janata Shikshan sanstha's

Kisan Veer Mahavidyalaya, Wai

Department of Botany

Botanical Excursion at **Mahableshwar**

Class : B.Sc.III&II **Year**: 2022-2023 **Date**:24/11/22

UNDERTAKING

We the following bonafide students of Kisan Veer Mahavidyalaya studying in B.Sc III(Botany) are participating on our own risk in the Botanical Excursion at **Mahabhleshwar** organized by Department of Botany on **24/11/22.**The risk of all the belongings, that will carry during the Excursion will be solely on our shoulder and no responsibility will be held on the teachers and the college authorities. We hereby assures you that we will obey the rules and regulations of the college and any misbehavior will be liable on the college and any misbehavior will be liable on us to the serious action.

Sr.No.	Roll No	NAME OF THE STUDENT	Sign	Mobile No
1	21	Nimbalkar Neha Jalindar	Nimbalkar	8080274464
2	20	Wankhade Shivanjalee Ajit	S.A.Wankhade	8857923515
3	19	Pawar Diksha Prakash.	Pawar	9021496598
4	18	Shinde Sakshi Prakash	Sshinde	8421081424
5	17	Lackal Madina Abdul	Mladhaf	9309584460
6	31	Jagtap Sakshi Arvind	Sajagtap	8468945659
		B.Sc III		
7)	44	Jagtap Vrushali Sunil	Vrushali	8767360345
8)	53	Nevare Disha Sudhir	Nevare	7249398018
9)	54	Chaudhari Supriya Bhagvan	S.B.Chaudhari	9503154593
10)	55	Dhekane Rupali Harikesh	R.H.Dhekane	8766484932
		Teacher -		
	1.	Dr. M.V. Ingawale		
	2.	Shri A.A. Mokashi		
	3	Miss Patil S.H.		
	4.	Miss Jadhav H.V.		

KISAN VEER MAHAVIDYALAYA ★ Wai, Dist. Satara ★

KISAN VEER MAHAVIDYALAYA,
WAI, DIST- SATARA

Department of Botany

TOUR REPORT
(2022-2023)

AT

MAHABALESHWAR

JANATA SHIKSHAN SANSTHA'S

KISAN VEER MAHAVIDYALAYA, WAI, DIST. SATARA

DEPARTMENT OF BOTANY

Certificate of Attendance

This is to certify that Mr./ Miss. Jagtap Sakshi Arvind has satisfactory carried out the required practical Tour Report prescribed by the Shivaji University, Kolhapur by the of B. Sc Part- II science course in Botany and this represent his / her bonafide work in the academic year 2022-2023.

KISAN VEER MAHAVIDYALAYA * Wai, Dist. Satara *

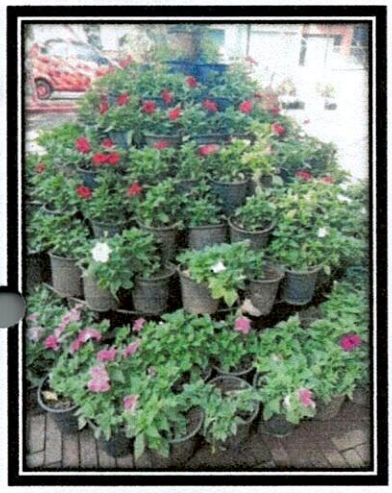
Teacher In-Charge

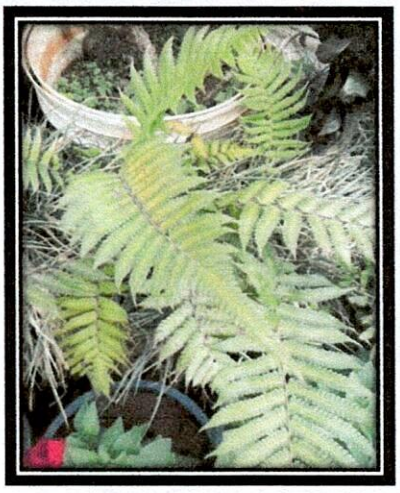
Head,
Dept. of Botany

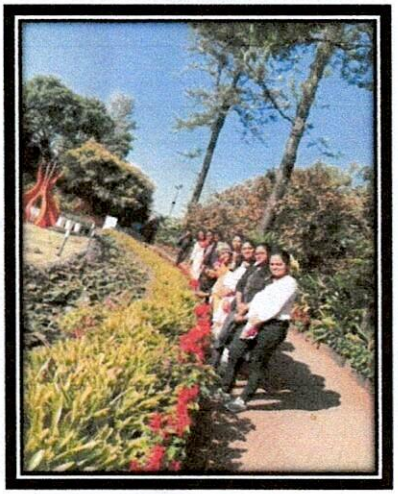
Head
Department of Botany
Kisan Veer Mahavidyalaya,
Wai 412803

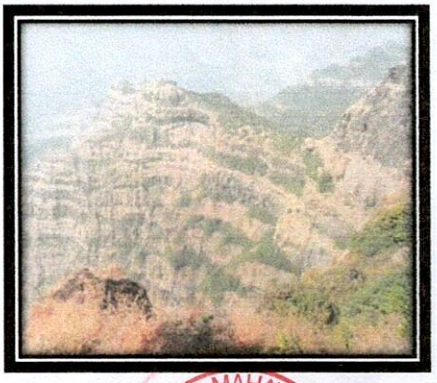
Examiner

STUDY TOUR AT MAHABLESHWAR









LOCALITY- MAHABALESHWAR

As a part of our syllabus Botanical Excursion tour was arranged to Mahabaleshwar on 24/11/2022 by Department of Botany, Kisan Veer Mahavidyalaya, Wai.

Botany is very interesting science. The Botanical excursions always increase the knowledge about the nature. Mahabaleshwar is one of the important hill stations in Maharashtra situated in Satara district. It is a well-known place of origin of five rivers and as well as for history of the great king Chh. Shivaji. Mahabaleshwar is situated between 17^0 55' N and 73^0 35'E at one of the Sahyadri spurs at elevations of 1372 m. above mean level it is about 55 km north west of Satara city._Annually it receives rainfall about 6635 mm. The temperature of this locality remains between 24-25^{0}C in rainy season, 35-40^{0}C in summer and 21^{0}C or below up to 7^{0}C in winter. The humidity remains between 70-90%. Such favorable climate and rich humus favours, the rich vegetation in the forest. The undergrowth of the forest includes ferns, herbaceous and shruby angiosperms. The forest is of semi evergreen type mixed with deciduous vegetation. The forest is dominated by the tree genera such as *Actinodaphne*, *Ficus, Litsea, Ligustrum, Prunus, Syzigium,* and *Terminalia,* species. Herbs, shrubs and climbers cover the undergrowth in the forest.

KISAN VEER MAHAVIDYALAYA * Wai, Dist. Satara *

Sr.No.	Name of Plant.	Family.
1.	*Clematis gouriana* Roxb.	Ranunculaceae.
2.	*Ancistrocladus heynianus* Wall.	Ancistrocladaceae
3.	*Kydia calycina* Roxy.	Malvaceae
4.	*Bombax ceiba* L.	Bombacaceae
5.	*Sterculia guttata* Roxb.ex. DC.	Sterculiaceae.
6.	*Atalantia resemosa* Wt.& Arn.	Rutaceae.
7.	*Nothapodytes foetida* (Wt.) Sleumer	Olacaceae.
8.	*Zizyphus rugosa* Lamk.	Rhamnaceae.
9.	*Scutia indica* L.	Rhamnaceae
10.	*Holigarna grahamii* (Wight) Kurz.	Anacardiaceae.
11.	*Mangifera indica* L.	Anacardiaceae.
12.	*Atylosia lineata* wt. & Arn.	Fabaceae
13.	*Butea monosprema* (Lamk.) Taub.	Fabaceae
14.	*Crotalaria retusa* L.	Fabaceae
15.	*Paracalyx scariosa* (Roxb.) Ali	Fabaceae
16.	*Erythrina stricta* Roxb.	Fabaceae
17.	*Flemingia strobillifera* (L.) Brown	Caesalpiniaceae
18.	*Moullava spicata* (Dalz.) Nicolson.	Caesalpiniaceae
19.	*Terminalia chebula* Retz.	Combretaceae.
20.	*Memecylon umbellatumn* Burm.	Combretaceae
21.	*Catunaregam spinosa* (Th.) Tirven.	Rubiaceae.
22.	*Paveta indica* L.	Rubiaceae.
23.	*Rubia cordifolia* L.	Rubiaceae
24.	*Ageratum conyzoides* L.	Asteraceae
25.	*Artemisia nilgirica* (C.B.Cl.) Pamp.	Asteraceae

26.*Cythocline purpurea* (Don.) O.Ktze.	Asteraceae
27.*Jasminum malabaricum* Wight.	Oleaceae.
28.*Olea dioica* Roxb.	Oleaceae.
29.*Alstonia scholaris* R.Br.	Apocynaceae
30.*Carissa congesta* Vahl.	Apocynaceae
31.*Hoya ovalifolia* Wight &Arn.	Asclepiadaceae
32.*Tylophora dalzellii* Hook.f.	Asclepiadaceae
33.*Canscora diffusa* Brown.	Gentianaceae
34.*Cordia dichotoma* Forst.	Boraginaceae
35.*Carvia callosa* (Nees.) Bremek.	Acanthaceae
36.*Haplathodes verticillaris* Nees.	Acanthaceae
37.*Callicarpa tomentosa* (L.) Murray	Verbancaceae
38.*Colebrookia oppositifolia* Sm.	Lamiaceae
39.*Leucas stelligera* Wall.	Lamiaceae
40.*Achyranthes aspera* L.	Amaranthaceae
41.*Actinobaphane angustifolia* Nees.	Lauraceae
42.*Elaegnus infundibularis* Momiyama	Elaeagnaceae
43.*Viscum angulatum* Heyne ex.DC.	Viscaceae
44.*Osyris quadripartite* Salz. Ex. Decne.	Santalaceae
45.*Bridelia retusa* Spreng.	Euphorbiaceae
46.*Embilica officinalis* Gaetn.	Euphorbiaceae
47.*Glochidion ellipticum* Wight.	Euphorbiaceae
48.*Macaranga tomentosa* Wight.	Euphorbiaceae
49.*Mallotus philippensis* Muell.	Euphorbiaceae
50.*Sapium insigne* Trim.	Euphorbiaceae
51.*Holoptelea integrifolia* Planch.	Ulmaceae
52.*Dendrobium microbulbon* A. Rich.	Orchidaceae

53.*Smilax zeylanica* L. Smilacaceae

54.*Setaria homonyma* (steud.) Chiov. Poaceae.

We have also observed various types of Bryophytic and Pteridiophytic plants, fungal diseases, fresh water Algae and Gymnospermic plants from various localities of Mahabaleshwar We are thankful to Dr. Mrs. M. V. Ingawle, Head, Dept of Botany and Assist. Prof. A. A. Mokashi, Assist. Prof. S. H. Patil and Assist. Prof. H. V. Jadhav for their useful guidance regarding the different ecological aspects of the Mahabaleshwar forest and the information of the vegetation at this locality.

Teacher In charge

Head
Department of Botany

Head
Department of Botany
Kisan Veer Mahavidyalaya,
Wai 412803

External Examiner

KISAN VEER MAHAVIDYALAYA
Wai, Dist. Satara