

Dr.E.B.Bhalerao  
Kisan Veer Mahavidyalaya, Wai  
Date- 23/09/2019.

To,  
The Principal,  
Kisan Veer Mahavidyalaya, Wai.

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

As per rules and syllabus of BSc-III Botany of Shivaji University Kolhapur, we have planned Botanical Excursion of B.Sc.III students at Mahabaleshwar on Wednesday 25/09/2019. A team of 21 students (Boys 10 and Girls 11) is to be headed by Dr.E.B.Bhalerao and Prof. Miss. A.D.Jadhav. The mode of travel is by S.T. bus . I kindly request you to grant a permission for the same. List of students and undertaking will be submitted to the office before departure.

Thanking you,

Allowed Bmr. Take Care  
of the students Participated

D/c 

Yours Faithfully,




Dr.E.B.Bhalerao



## Notice

All the students of B. Sc. Part III (Botany) are hereby informed that their Botanical Excursion at Mahabaleshwar, is organized on Wednesday 25/09/2019. All should note and remain present for the same .



  
Head

Department of the Botany

Dr.E.B.Bhalerao



Department of Botany  
Botanical Excursion of BSc.III at Mahabaleshwar  
2019-2020

To,  
The Principal,  
Kisan Veer Mahavidyalaya, Wai.

**UNDERTAKING**

We the following bonafide students of Kisan Veer Mahavidyalaya, Wai. Studing in B.Sc.III. Botany are participating on our own risk in Botanical Excursion at Mahabaleshwar, organized by Department of Botany. The risk of all belongings that we will carry during the Excursion will be solely on our shoulders and no responsibility will be held on the teachers and college authorities. We here by assure that we will obey the rules and regulations of the college and any misbehavior will be liable on us to the strong action taken by the college.

Sr.No.	Student Name	Signature
1	Miss. SHINDE SNEHEL RAMDAS	
2	Miss. YEWALE UMA CHANDRAKANT	<i>Yewale</i>
3	Miss. HAJARE MINAL DATTATRAY	
4	Miss. GADHAVE PRAJAKTA BALU	
5	Miss. POPHALE SONALI RAMCHANDRA	
6	Miss. BHOSALE ASAVARI VIJAY	
7	Miss. AIKWAD ANKITA BHANUDAS	<i>AIKWAD</i>
8	Miss. LOLE ASHWINI ANIL	<i>Arale</i>
9	Miss. SANAS NISHIGANDHA SHIVAJI	
10	Mr. GAIKWAD VIKAS RAMDAS	<i>GAIKWAD</i>
11	Miss. DHUMAL GITAL VITHAL	<i>Dh</i>
12	Mr. JADHAV OMKAR DINESH	
13	Mr. CHAUDHARI DNYANESHWAR NAVNATH	<i>Chudhari</i>
14	Mr. MUJAWAR NAIM SALIM	
15	Miss. SALUNKHE SAYALI AVINASH	<i>SAL</i>
16	Miss. PISAL SNEHAL KESHAV	
17	Mr. MORE SURAJ SANJAY	<i>ismore</i>
18	Mr. BABAR ANIKET VIJAY	
19	Miss. SHINDE VISHAKHA DHANAJI	<i>Shinde</i>
20	Mr. INAMDAR ALFIYA ANSAR	
21	Mr. KHARAT ABHIJIT RAJENDRA	




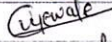
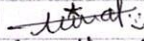
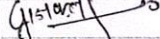

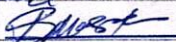

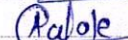
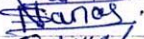
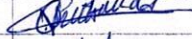



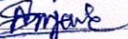



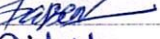
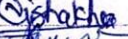




Department of Botany  
Botanical Excursion of BSc.III at Mahabaleshwar  
2019-2020

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The Principal,  
Kisan Veer Mahavidyalaya, Wai.

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21	Mr. KHARAT ABHIJIT RAJENDRA	



Botanical

Excursion

At

Mahabaleshwar

2019-2020

Date of Excursion- 25/09/2019





JANATA SHIKSHAN SANSTHA'S  
KISAN VEER MAHAVIDYALAYA, WAI.  
DEPARTMENT OF BOTANY  
BOTANICAL EXCURSION REPORT  
LOCALITY – MAHABALESHWAR.

Ecological / geological data.

- a) Height: - 1382 Meters average 4,500 ft. from Mean sea level  
Highest point (Wilson point) 4710 ft.
- b) Rain: - 250" to 300 per annum
- c) Humidity: - 40 to 90 %
- d) Temp: - 35c. (95 f.) It ranges from 7c. – 35c.
- e) Soil: - Red ferruginous clay & laterite.
- f) Type of vegetation: - Mixed ever – green deciduous type.

LIST OF PLANTS.

**Class – Dicotyledons.**

- 1) Family – Ranunculaceae. Ex. *Clematis gouriana* (Ran – jai)
- 2) Family – Capparidaceae. Ex. *Capparis spinosa* (caper plant)
- 3) Family – Guttiferae. Ex. *Ochrocarpus ongifolious* (Surangi)
- 4) Family – Bombacaceae Ex. *Salmalia malbarica* (Syn. – Bombax)
- 5) Family – Rutaceae Ex. *Murroya koenigie* (Kadhineem)
- 6) Family – Meliaceae Ex. *Turraea villesa* (Kapurbhendi)
- 7) Family – Rhamnaceae Ex. *Scutia indica*. (Chimat)
- 8) Family – Leguminoceae Ex. *Crotolaria juncia* (Sun Hemp)



- Indigofera tinctoria*. (Indigo plant)  
*Mucna pruriens* (Tminer)  
*Dalbergia sisso* (sisvi)  
*Gliricidia sepium*  
*Cassia* sp.  
*Saraka indica*  
*Waghatia spikata*.
- 9) Family – Crassulaceae. Ex. *Bryophyllum calcinum* (jan – feb)
- 10) Family – Combretaceae. Ex. *Terminalia chebula* (Hirda)  
*Terminalia belerica*  
*Terminalia tomentosa*
- 11) Family – Myrtaceae Ex. *Eugenia jambolina*  
Syn. *Syzigium cumini*  
Ex. *Syzigium jamboa*
- 12) Family – Melastomaceae Ex. *Memeceleon umbelatum* (m. edule)
- 13) Family – Lythraceae Ex. *Woodfordia fruticosa*  
*Woodfordia floribunda* (Red bell bush)
- 14) Family – Apiaceae Ex. *Imorinlla monoica*  
*Centella asiatica* (Hahdrocotil branmi)
- 15) Family – Rubiaceae Ex. *Randia dumetorum* (branissi)  
*Ixora parviflora*  
*Rubia cordifolia* (Indian madder)  
(Mangishth)  
*Paveta indica* (papat)
- 16) Family – Asteraceae Ex. *Lagasea mollis* (jharavad)  
Ex. *Sphaeranthus indicus* (weed in rice field)  
Ex. *Spilanthes asmella* (akkalkare)  
Ex. *Ageratum conyzoides*. (Weed)
- 17) Family – Companulaceae Ex. *Lobelia nicotianaefolia*.  
Ex. *Rouvolfia serpentina* (sarpagandha)  
Ex. *Holarrhena antidsentrica*.
- 18) Family - Asclepiadaceae Ex. *Hoya carnosa*.  
Ex. *Gymnema sylvestre*. (vaknandi)
- 19) Family - Boraginaceae Ex. *Tricodesma indicum*  
Ex. *Tricodesma zeylanicum*
- 20) Family – Convolvulaceae Ex. *Jackuemontia vielaceae*  
Ex. *Ipomea* sp.
- 21) Family – Solanaceae Ex. *Solanum indicum*





- 22) Family – Scrophulariaceae Ex. *Physalia peruviana*. (Goos berry)  
 Ex. *Antirrhinum majus*. (Dragun)  
 Ex. *Idmnophylla indica*.  
 Ex. *Sopobia delphinifolia*.
- 23) Family – Lentibulariaceae Ex. *Utricularia steliaria*
- 24) Family – Acanthaceae Ex. *Carvia callosa*.  
 Ex. *Srobilanthus callosus*. (Karvi)
- 25) Family – Verbinaceae Ex. *Tectona grandis*. (Teak)  
 Ex. *Vitex nigundo*. (Chaste tree)  
 Ex. *Callicarpa lantance*. (Aisar)
- 26) Family – Lamiaceae Ex. *Pogostemon parviflorus*. (Pangali)  
 Ex. *Colobroakea oppositaefoloia* (Rhamau)  
 Ex. *Lucas aspera*  
 Ex. *Dysophylla stellata*.
- 27) Family – Polygonaceae Ex. *Polygonum chinesis* var. *ovalifolia* (narati)  
 Ex. *Polygonum glabrum*. Sheral  
 Ex. *Polygonum plebejum*
- 28) Family – Piperaceae Ex. *Piper nigrum* (Nov – Jan)
- 29) Family – Lauraceae Ex. *Actinodaphanae hookeri* (peas)
- 30) Family – Thymaliaceae Ex. *Laceosiphon oriocophallus*. (Ramata)
- 31) Family – Elagnaceae Ex. *Elagnus latifollia*. (oleaser)
- 32) Family – Loranthaceae Ex. *Visum articulatum*. (Vanda)
- 33) Family – Euphorbiaceae Ex. *Glehidion hohenacheri*. (Bhumia)  
 Ex. *Bridelia sqamosa*  
 Ex. *Emliea offacinalis*  
 Ex. *Phylanthus emlica*. (Awala)  
 Ex. *Mallotus phillipinesis*.  
 Ex. *Euphorbia acaulia*.
- 34) Family – Urtieaceae Ex. *Atrocarpus hirsutum*. (Jack fruit)

#### Class – Monocotyledonae


- 35) Family – Orchidaceae Ex. *Dendrobium batula*. (Epiphytic orchid)  
 Ex. *Aendes orispum*.  
 Ex. *Oberenia falconerii*.  
 Ex. *Bria daleelli*.  
 Ex. *Dendrobium gigantia*  
 Ex. *Dendrobium mabelae*.  
 Ex. *Coleogynae sp.*






- 36) Family – Amaryllidaceae Ex. *Polyanthus tuberosa* (Nishigandha)  
37) Family – Liliaceae Ex. *Smilax microphylla*.  
Ex. *Smilax zeylanica*.  
Ex. *Gloriosa superba*.  
Ex. *Allium cepa*.  
Ex. *Polygonum glabrum*. Sheral  
Ex. *Polygonum plehjum*  
38) Family – Poaceae Ex. *Dambeo* spp. Variety.  
All grasses varieties.  
39) Family – Palmae Ex. *Caryota urens*. (Indian sago)

We are thankful to Principal Kisan Veer Mahavidyalaya, Wai for permission to educational tour. Similarly we are thankful to Dr. E.B. Bhalerao, Prof. R.R. Vaidya and Dr. M. S. Ghone for their valuable guidance during excursion.

  
Teacher in charge of  
Excursion

  
Head Department  
of Botany







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

