

**"Education for Knowledge, Science and Culture."**

- Shikshanmaharshi Dr. Bapuji Salunkhe

**Vivekanand College (Autonomous) ,  
Kolhapur.**

**Department of Botany**

**Activity – " STUDY TOUR AT PANHALA"**

Date- 25/08/2018

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" Education for Knowledge, Science and Culture."

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# Vivekanand College (Autonomous) , Kolhapur.

## Department of Botany

### Notice

Date – 22/08/2018

Students from B.Sc III Botany are here by informed that their Study Tour at Panhala will be arranged on 25/08/2018. This Study tour is compulsory to all.



22-8-18

Prof. S. A. Patil  
Head

Department of Botany  
Vivekanand College  
Kolhapur  
(Head of Botany Department)



प्रति,

मा. प्राचार्य

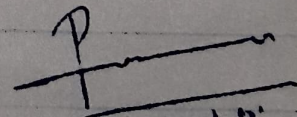
विवेकानंद कॉलेज कोल्हापूर

विषय :- पावसाळी ऋतुतील सहलीस परवानगी मिळविणे बाबत  
महोदय,

बी. एस्सी भाग २ बॉरनी या विषयाची शिवाजी  
विद्यापीठाच्या अभ्यासक्रमानुसार पावसाळी वनस्पतीचे  
निरीक्षण व संकलन करण्यासाठी शैक्षणिक सहल दि २१/८/१८  
रोजी पन्हाळा येथे आयोजित केली होती परंतु याम्य दिवशी  
फिजीक्स डिपार्टमेंटची (२१/८/२०१८) conference असल्याने  
या conference मध्ये कांही प्राध्यापकांनी रजिस्ट्रेशन केले  
आहे सदरची सहल २१/८/२०१८ रोजी २५/८/२०१८ रोजी  
जाण्यास मंजूरी मिळविणे सदर सहलीसोबत २९ विद्यार्थी  
व २ टिचींग स्टाफ व १ नॉन टिचींग स्टाफ जाणार आहे  
तरी सदर सहल २५/८/२०१८ रोजी जाणेस परवानगी मिळविणे

मंजूरस्वाग्रुशिआदर

पोद  
१६/८/२०१८

  
Head

Department of Botany  
Vivekanand College  
Kolhapur

पावसाळी ऋतुतील सहलीस परवानगी मिळविणे बाबत  
१६/८/२०१८



Name

Sign

1	Shelar Ankita Ashok	
2	Sutar Gayatri Bhurat	Juag <sup>112</sup>
3	Sarnobat Pruthviraj Ajit	ll
4	Patil Shrutika Annasa	SPatil
5	Patil Vidya Balasaheb	
6	Shete Sheetal Rajaram	Sheetal
7	Patil Pooja Bhauso	Pooj
8	Katkar Sharvasi Bhikaji	Batkar
9	Bhalchim Pooja Raju	Shalchim
10	Pujari Sayali Ramchandrar	Pujari
11	Patil Rutuja Rajaram	Patil
12	Gaikwad Shweta Vasant	Shikhar
13	Mane Shubhada Vikas	Mane
14	Sonal Ambaji Bhai	BABhai
15	Vrushali Vikas Patil	Vrushali
16	Patil Pranali Balasaheb	Patil
17	Bangade Jayashri Rajaram	
18	Kale Yogita Vasant	Kale
19	Phadkatte Shubhashri Satappa	Phadkatte
20	Mane Sonali Ekanath	
21	Sutar Sonali Laxman	
22	Gavandi Aman Jabel	Gavandi
23	Bhai Sneha Annasaheb	Bhai
24	Mane Vidya Rajaram	
25	Patil Pragkta Ravindra	Pragkta
26	Patil Priyanka Dattatray	Priyanka
27	Sankpal Namrata Uday	
28	Power Shivani Vilas	Power
29	Khanvilkar Shraddha Bajirao	Bhanilkar

## “ Botanical Excursion ”

- **Aims and objectives –**

1. To study the diversity of plants.
2. To observe the plants in their natural environment.
3. To study the climatic conditions and vegetation of the region.

- **Participants –** Final year botany and 2 year plant protection students.

- **Description -**

As the study area is a part of Sahyadri (W. Ghats), students were exposed to all together a different vegetation with several botanically interested plants. Plant protection students explored agricultural fields for different plant diseases, crop pests and weeds.

- **Outcome –**

Students realized the potential wealth of plants and diversity.



## Study Tour at Panhala



1  
*Botany B. Sc. III*

*Exam. No.*

# **Botanical Excursion**

*Report*

*At*

***Panhala***

Date: 25/08/2018 Saturday



Vivekanand College (Autonomous), Kolhapur department of Botany has arranged an excursion tour of B.Sc. III students at Panhala for one day.

- Date: 25/08/2018 Saturday
- Total number of students participated in tour : 28
- Tour Incharge: Prof. Kubal S. B., Prof. Salokhe S. P.
- Time of Departure: 8.45 am from Central bus stand, Kolhapur
- Time of Arrival: 5.20 pm. same day
- Tour Route: Kolhapur → Panhala → Kolhapur.
- **Sites visited:** Panhala Plateau, Tabak udhyan.

The main objectives of botanical excursions are to study the plant habits & habitats, vegetation type, flora & fauna, topography, soil type, climatic conditions etc. Maharashtra is one of the states in India having vast biodiversity. It is famous for Western Ghats, Kokan area with endemic and rare endangered plants.

We have started our journey at 8.45 am from central bus stand and reached at Panhala, where observed different plants specimens.

- **Locality:** Panhala, Distance from Kolhapur: 20 km.
- **Taluka:** Karvir
- **Altitude:** 953.73 MSL.
- **Latitude:** 16° 41'.
- **Annual rainfall:** 2032 mm/year
- **Soil Type:** Latrite
- **Climate:** Tropical monsoon pleasant and healthy.
- **Vegetation:** Semi evergreen, dry deciduous.
- **Speciality:** Hill station.
- **Area:** 1.5059 Km.

Along the road side and in Tabak udhyan were observed and collected some of the plant specimens. After that we have visited Panhala plateau and collected some of the wetland plants. We have reached at Kolhapur 5.20 pm on the same day by bus. Students should aware of the fact that flora & fauna is being destroyed day by day due



to ill practices. There is urgent need to protect and propagate the endangered, rare plants and save the biodiversity in nature.

Following plant materials observed and collected from these places.

### **Bryophytes:**

- Plagiochasma species
- Fossombronia spp.
- Targionia spp.
- Funaria hygrometrica

### **Pteridophytes**

- Marsilea quadrifolia
- Adiantum hispidulum
- Angiopteris evecta
- Asplenium antigum
- Cheilanthes lanosa
- Blechnum nudum

### **Epiphytes**

- Dendrobium and Lichens (Usnea, crustose, foliose)

### **Angiosperms**

<b><u>Botanical Name</u></b>	<b><u>Family</u></b>
• <u>Indigofera pulchella</u> , Roxb.	Fabaceae
• <u>Randia dumetorum</u> , L.	Rubiaceae
• <u>Plectranthus stocksii</u> , Hook.	Lamiaceae
• <u>Cynotis cristata</u> , Schl.	Commelinaceae
• <u>Woodfordia floribunda</u> , Salisb.	Lythraceae
• <u>Senecio grahami</u> , Hook.	Astraceae
• <u>Smithia hirsute</u> , Daiz.	Fabaceae

- Acacia senegal, Willd. Mimosaceae
- Mirabilis jalapa, L. Nyctaginaceae
- Mucuna pruriens, D.L. Fabaceae
- Mussanda frondosa, L. Rubiaceae
- Canscora diffusa, Br. Gentianaceae
- Dysophylla stellata, Bth. Lamiaceae
- Artocarpus integrifolia, L. Moraceae
- Dendrocalamus strictus, L. Poaceae
- Heliotropium zeylanicum, L. Boraginaceae

*[Handwritten Signature]*  
 Tour Incharge

*[Handwritten Signature]*  
 HEAD  
 DEPARTMENT OF BOTANY  
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 Kolhapur