



"Education for Knowledge, Science, and Culture"  
- Shikshanmaharshi Dr. Bapuji Salunkhe



**Shri Swami Vivekanand Shikshan Sanstha's**  
**Vivekanand College, Kolhapur**  
**(Autonomous)**



KOLHAPUR (AUTONOMOUS)

## Department of Botany

### Study tour at Kode

2019-2020

Study tour at Kode 2019-2020

Department of Botany





Vivekanand College, Kolhapur (Autonomous)

Department of Botany

Study tour at Kode

29<sup>th</sup> August 2019

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For *[Signature]*  
Head

Department of Botany  
Head  
Department of Botany  
Vivekanand College  
Kolhapur



*[Signature]*  
PRINCIPAL  
Principal  
Vivekanand College  
Kolhapur.



वनस्पतिशास्त्र विभाग  
दि 20/11/19

प्रति,

मा. प्राचार्य

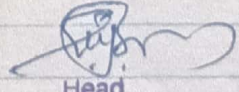
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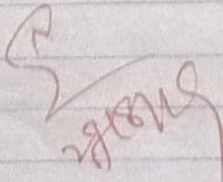
विषय - शैक्षणिक सहल जाणवस परवानगी बाबत  
महोदय.

बी.एससी. आग. 3 बॉटनी या विषयाची  
पाठ्यांका वनस्पतीचे संकलन करण्यासाठी दि 20/11/19  
राजा काद. धरण येथे 9 दिवशीय सहल आयोजित केली  
आहे तरा सदर सहल जाणवस परवानगा मिळविणे

सदर सहलीस यकण. 20 विद्यार्थी व 2 स्टाफ जाणार आहे

मंजुरीसाठी सादर  
pods  
20/11/2019

  
Head  
Department of Botany  
Vivekanand College  
Kolhapur







" Education for Knowledge, Science and Culture."

- Shikshanmaharshi Dr. Bapuji Salunkhe

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

**Department of Botany**

Notice

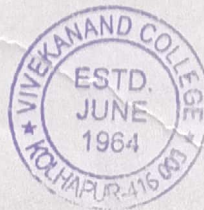
Date – 27/08/2019

Students from B.Sc III Botany are here by informed that their Study Tour at Kode will be arranged on 29/08/2019. This Study tour is compulsory to all.

  
Prof. S. P. Salokhe

(Head of Botany Department)

Head  
Department of Botany  
Vivekanand College  
Kolhapur





20<sup>th</sup> August 2015

### BSc III Botanical Excursion.

Kode Dam. Uaganbarachi.

Sr No	Name of the student	Place	Mobile No.	Signature
1.	Saloni Sardar Angre	Koparde	9370711100	<i>Saloni</i>
2.	Pallavi Sunil Chandanshive	<del>Kolhapur</del>	7219696036	<i>Pallavi</i>
3.	Amrita Sayaji Patil	Kolhapur	7972650410	<i>Amrita</i>
4.	Harshada Dattatray Patil	Kolhapur	7773991317	<i>Harshada</i>
5.	Nikita Raghunath patil	Kolhapur	9978437269	<i>Nikita</i>
6.	Nikita sajeeeo patil	Kolhapur	8888344010	<i>Nikita</i>
7.	Ankita vilas pawar	Kolhapur	7887592195	<i>Ankita</i>
8.	shamal shridhar Patil	Kolhapur	7028804378	<i>Shamal</i>
9.	Rutuja Sardar walvekar	Kolhapur	8421932820	<i>Rutuja</i>
10.	Mayuri Sayaji Gaikwad	Kolhapur	9404716547	<i>Mayuri</i>
11.	Pranali Vijay Gurav	Kolhapur	8698934874	<i>Pranali</i>
12.	Roshani Ruzano Barboza	Kolhapur	9404997081	<i>Roshani</i>
13.	Megha Sadashiv Khot	Malwadi	9890698086	<i>Megha</i>
14.	shital shamsao Parande	Kotoli	9075822625	<i>Shital</i>
15.	Pooja Ramchandra Patil	Kotoli	9730344440	<i>Pooja</i>
16.	Suhaj Ashok More	Chokerk	8390822921	<i>Suhaj</i>
17.	Uday Prakash Jadhav	Kolhapur	9172853127	<i>Uday</i>
18.	Abhijeet Raghunath mali		7038696994	<i>Abhijeet</i>
19.	Pradhmesh Dilip Kamble		9175798043	<i>Pradhmesh</i>
20.	Amruta Tatyasoo Khodbale		9637861491	<i>Amruta</i>







Students and Faculty at the Kode dam.



Different plant species observed at the location.





Botany B.Sc.III

Exam. No.

# Botanical Excursion

## Report

At

## Kode

Date: 29/08/2019 Thursday





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

- Date: 29/08/2018 Thursday
- Total number of students participated in tour : 20
- Tour Incharge: Prof. Salokhe S. P., Dr. A. R. Kasarkar
- Time of Departure: 8.30 am from Rankala bus stand, Kolhapur
- Time of Arrival: 6.20 pm. same day
- Tour Route: Kolhapur → Kode → Kolhapur.
- Sites visited: Kode Dam and Surrounding Forest

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 8.30 am from rankala bus stand and reached at Kode, where observed different plants specimens.

- **Locality:** Kode, Distance from Kolhapur: 50 km.
- **Taluka:** Gaganbavada
- **Altitude:** 80 meter above sea level
- **Latitude:** 16° 69'
- **Annual rainfall:** 2032 mm/year
- **Soil Type:** Latrite
- **Climate:** Tropical monsoon pleasant and healthy.
- **Vegetation:** Semi evergreen, dry deciduous.
- **Speciality:** Dam

Along the road side kode village and dam were observed and collected some of the plant specimens. After that we have visited kode dam and collected some of the algal material. We have reached at Kolhapur 6.20 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
- Anthoceros spp.
- Funaria spp.

**Pteridophytes**

- Marsilea quadrifolia
- Adiantum hispidulum

**Epiphytes**

- Dendrobium and Lichens (Usnea, crustose, foliose)

**Angiosperms**

<u>Botanical Name</u>	<u>Family</u>
• <u>Indigofera pulchella</u> , Roxb.	Fabaceae
• <u>Randia dumetorum</u> , L.	Rubiaceae
• <u>Plectranthus stocksii</u> , Hook.	Lamiaceae
• <u>Cynotis cristata</u> , Schlt.	Commelinaceae
• <u>Woodfordia floribunda</u> , Salisb.	Lythraceae
• <u>Senecio grahamsi</u> , Hook.	Astraceae
• <u>Smithia hirsute</u> , Daiz.	Fabaceae
• <u>Cassia fistula</u> , L.	Caesalpinaceae
• <u>Strobilanthes sessilis</u> , Nees.	Acanthaceae
• <u>Vigna vagilata</u> , L.	Fabaceae
• <u>Arisaema murrayi</u> , Hk.	Araceae
• <u>Argyrea speciosa</u> , Sweet.	Convolvulaceae
• <u>Adhatoda zeylanica</u> , L.	Acanthaceae
• <u>Sopubia delphinifolia</u> , Roxb.	Scrophulariaceae
• <u>Physalis minima</u> , L.	Solanaceae
• <u>Pogostemin rotundatus</u> , Wt.	Lamiaceae
• <u>Indigofera dalzellii</u> , Cooke.	Fabaceae
• <u>Impatiens lawii</u> , H.	Geraniaceae





- Urtica dioecia, L.
- Utricularia albo-Coerulea, Dalz.
- Lasiosiphon eriocephalus, Dec.
- Terminalia arjuna, W & A.
- Clematis gouriana, Roxb.
- Caryota urens, L.
- Terminalia bellerica, L.
- Leucas stelligera, Wall.
- Tectona grandis, L.
- Dalbargia sissoo, Roxb.
- Erythrina indica, Lam.
- Glyricidia sepium, L.
- Pongamia glabra, L.
- Ipomoea nil, L.
- Clerodendron serratum, Spr.
- Eucalyptus globosa, L.
- Sansevieria trifasciata, L.
- Roystonea regia (Royal palm)
- Carvia callosa, L.
- Mallotus philippinensis, .
- Emblica officinalis, L.
- Acacia senegal, Willd.
- Mirabilis jalapa, L.
- Mucuna pruriens, D.L.
- Mussanda frondosa, L.
- Canscora diffusa, Br.
- Dysophylla stellata, Bth.
- Artocarpus integrifolia, L.
- Dendrocalamus strictus, L.
- Heliotropium zeylanicum, L.

Urticaceae  
 Lentibulariaceae  
 Thymeliaceae  
 Combretaceae  
 Ranunculaceae  
 Palmae  
 Combretaceae  
 Lamiaceae  
 Verbenaceae  
 Fabaceae  
 Fabaceae  
 Fabaceae  
 Fabaceae  
 Convolvulaceae  
 Verbenaceae  
 Myrteaceae  
 Agavaceae  
 Arecaceae  
 Acanthaceae  
 Euphorbiaceae  
 Euphorbiaceae  
 Mimosaceae  
 Nyctaginaceae  
 Fabaceae  
 Rubiaceae  
 Gentianaceae  
 Lamiaceae  
 Moraceae  
 Poaceae  
 Boraginaceae





"Dissemination of Education for Knowledge, Science and Culture"

-Shikshanmaharshi Dr. Bapuji Salunke

Shree Swami Vivekanand Shikshan Sanstha's

Vivekanand College, Kolhapur (Autonomous)

## DEPARTMENT OF BOTANY

One page Report on Study tour at Kode

Date- 30/08/2019

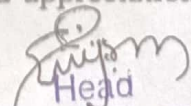
The Department of Botany of Vivekanand College, Kolhapur (Autonomous) organized a one-day educational tour to Kode Dam, Tal- Gaganbawada, Dist- Kolhapur on 29/08/2019. The objective of the tour was to expose the students to the diversity and importance of the flora and fauna of the Western Ghats, and to create awareness and appreciation of the ecological and socio-economic values of the surrounding. The tour was also aimed to provide an opportunity for the students to interact with the local communities and learn about their culture and livelihoods.

The tour started at 7:00 am from the college campus, where the participants boarded a bus arranged by the college. The bus reached Gaganbawada, a town on the Western Ghats, at around 9:00 am. The participants visited the following places in and around Gaganbawada: Gagangad Fort and Gagangiri Ashram, Pant Amatya Wada, Morjai Temple and Plateau.

The bus departed from Kode Dam at around 4:00 pm, and reached the college campus at around 6:00 pm. The participants thanked the faculty members and the bus driver for the tour, and dispersed.

The tour was a successful and fruitful event that enhanced the knowledge and skills of the students on the flora and fauna of the Western Ghats, and the mangrove ecosystem. The tour also created awareness and appreciation of the



  
Head  
Department of Botany  
Vivekanand College  
Kolhapur





ecological and socio-economic values of the mangrove ecosystem, and the culture and livelihoods of the local communities. The tour also provided an opportunity for the students to enjoy the scenic beauty and diversity of the region, and to interact with each other and the faculty members. The tour was a memorable and enriching experience for the students, who expressed their interest and enthusiasm to participate in more such tours in the future.



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*[Handwritten signature]*  
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Department of Botany  
Vivekanand College  
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