



**"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 Vijaydurg, Devgad,  
Kunkeshwar and Devbag**

**2019-2020**



Study tour at Vijaydurg, Kunkeshwar 2019-2020

Department of Botany

Vivekanand College, Kolhapur (Autonomous)

Department of Botany

Study tour at Vijaydurg, Devgad, Kunkeshwar and Devbag

03th and 04<sup>th</sup> January 2020

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*For Gangal*  
Head  
Department of Botany  
Head  
Department of Botany  
Vivekanand College  
Kolhapur



*Prin*  
PRINCIPAL  
Vivekanand College  
Kolhapur.

दि:- 31-12-2019

प्रति,  
मा. प्राचार्य,  
विवेकानंद कॉलेज, (स्वायत्त)  
कोल्हापूर.

विषय:- शैक्षणिक सहलीय परवानगी मिळणे बाबत...

सहोदर,

आपला महाविद्यालयातील वनस्पतीशास्त्र विभागातील BSc III  
था वर्गाची सहल देवगड, कुणकेश्वर, देवगावा, आजरा येथे  
दि. 03-01-2020 व 04-01-2020 रोजी आयोजित कल्प्यात येणार  
आहे. सदर सहल दोन दिवसांची असून या मह्ये 20 विद्यार्थी  
व 2 स्टाफ असणार आहे. तरी या सहलीसाठी आपली परवानगी  
मिकावी हि विनंती.

ककोटे,

~~मैजुरीसाठी आम्ही सादर~~  
विद्यार्थी नावाची यादी जेव्हा आवश्यक

फोटा  
01/01/2020



आपला विश्वासू

(प्रा. एल. पी. काकोटे)

वनस्पतीशास्त्र विभागप्रमुख  
Department of Botany  
Vivekanand College  
Kolhapur

विवेकानंद कॉलेज  
कोल्हापूर  
11/1/2020

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

**- Shikshanmaharshi Dr. Bapuji Salunkhe**

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

**Department of Botany**

**Notice**

Date : 01//01/2020

Students from B.Sc. III are here by informed that their study tour at Vijaydurg, Devgad, Kunkeshwar, Devbag will be arranged on 03//01/2020 to 04//01/2020. This study tour is compulsory to all.



Prof. S. P. Salokhe

Head of ~~Botany~~ Department

**Department of Botany**  
**Vivekanand College**  
**Kolhapur**



## Department of Botany

## B.Sc. III- List of students

Study tour at Vijaydurg, Devgad, Kunkeshwar, Devbag, Malvan

Date:

Sr. no	Name of the student	Mobile no.	Signature
1	Angre Saloni sardar	9370711100	<i>Angre</i>
2	Barboza Roshani Ruzario	9404997081	<i>Barboza</i>
3	Chandanshive Pallavi sunil	7219696036	<i>Chandanshive</i>
4	Gaikwad Mayuri Sayaji	9404716547	<i>Gaikwad</i>
5	Gurav Pranali Vijay	8698934874	<i>Gurav</i>
6	Kamble Prathamesh Dilip	9175798643	<i>Kamble</i>
7	Khodbale Amruta Tatyaso	9637861491	<i>Khodbale</i>
8	Mali Abhijeet Raghunat	7038696994	<i>Mali</i>
9	Patil Amrita Sayaji	7972650410	<i>Patil</i>
10	Patil Nikita sarjerao	8888344010	<i>Patil</i>
11	Patil Shamal Shridhar	7028804378	<i>Patil</i>
12	Walvekar Rutuja Sardar	8421932520	<i>Walvekar</i>
13	Patil Nikita Raghunath	9975437269	<i>Patil</i>
14	Parande Shital Shamrao	9075671380	<i>Parande</i>
15	Patil Harshda Dattatray	9011965232	<i>Patil</i>
16	Khot Megha Sadashiv	9890698086	<i>Khot</i>
17	Patil Pooja Ramchandra	9657597757	<i>Patil</i>
18	Pawar Ankita Vilas	7887592195	<i>Pawar</i>
19	More Ashok Suhas	8390822921	<i>More</i>
20	Jadhav Uday Prakash	9172853127	<i>Jadhav</i>
	Prof. S. P. Salokhe	9420778093	<i>Prof. Salokhe</i>
	Dr. A. R. Kasarkar	9420494379	<i>Dr. Kasarkar</i>



# Study Tour



Students enjoying at seashore.



"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 Vijaydurg, Devgad, Kunkeshwar and Devbagh

Date- 6/01/2020

The Department of Botany of Vivekanand College, Kolhapur (Autonomous) organized a two-day study tour at Vijaydurg, Devgad, Kunkeshwar and Devbagh on 3rd and 4th January 2020. The objective of the study tour was to expose the students to the diversity and importance of the flora and fauna of the coastal region of Maharashtra, and to create awareness and appreciation of the ecological and socio-cultural values of the mangrove ecosystem. The study 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 study tour was attended by 20 students from the final year of B.Sc. Botany, along with two faculty members, Prof. S. P. Salokhe and Dr. A. R. Kasarkar, who acted as the tour guides and coordinators.

The study tour started at 6:00 am on 3rd January 2020 from the college campus, where the participants boarded a bus arranged by the college. The bus reached Vijaydurg, a coastal town in Sindhudurg district, at around 10:00 am. The participants visited the following places in and around Vijaydurg: Vijaydurg Fort, Mangrove Forest.

The bus then proceeded to Devgad, another coastal town in Sindhudurg district, at around 1:00 pm. The participants had lunch at a nearby restaurant, and then visited the following places in and around Devgad: Devgad Fort, Devgad Beach, Windmill Farm.

The bus then proceeded to Kunkeshwar, a village in Devgad taluka, at around 4:00 pm. The participants checked in at a hotel arranged by the college, and had dinner at the hotel. The participants spent the night at the hotel.



Botany B.Sc.III

Exam. No.

# Botanical Excursion

## Report

### At

Vijaydurg, Devgad, Kunkeshwar,  
Devbag, Malvan

Date: 3<sup>rd</sup> & 4<sup>th</sup> Jan. 2020  
5<sup>th</sup> 6<sup>th</sup>





**Introduction**

Botany is the Natural science to study vegetation, type of different plants and their adaptations. Botanical excursions are necessary and very useful. Botanical study increases the knowledge of students about nature, environmental and botanical views.

As per University syllabus our college has arranged botanical excursion on 3<sup>rd</sup> & 4<sup>th</sup> Jan. 2020 at Vijaydurg, Devgad, Kunkeshwar, Devbag and Malvan. In Kunkeshwara there is very nice temple of God Shiva. Kunkeshwar is very beautiful place situated near the Arabean Sea. The sea shore near the Kunkeshwara is sandy on one side and rocky on other side. It is very beautiful place for botanical collection. We have observed different types of marine algae growing along the sea shore. We have observed different plants grown along the sea shore. We have seen cultivated mango plants, cashunut, amsul which have in flowering stage. Journey was started on 3<sup>rd</sup> Jan. 2020 at 7.00 am and we return back to Kolhapur on next day 4<sup>th</sup> Jan. 2020 at 9.00 pm.

**Forest range:** Semi evergreen in to mixed deciduous forest type.

**Soil type:** Brown + Red hills have characteristic lava topography constructing flat top soil is Latrite origin. It might be containing Bauxite.

**Rain fall:** 3126 mm to 4000 mm.

**Temperature Range:** Kunkeshwara 25<sup>o</sup>C- 35<sup>o</sup>C.

Flora is rich with Pteridophytes, epiphytes, parasites and flowering plants.

**Marine Algae at Kunkeshwara**

- Caulerappa recemosa: green algae
- C. taxifolia : green algae
- Dictyota species: Brown algae
- Sargassum species: Brown algae
- Ulva Sps: green algae
- Gracillaria sps: Red algae
- Padina sps: Brown algae

**Angiosperms**

**Botanical Name**

- Eugenia jambolana, L.
- Carvia callosa, L.
- Randia dumetorum, L.
- Lasiosiphon eriocephalus, Dec.

**Family**

- Myrtaceae
- Acanthaceae
- Rubiaceae
- Thymeliaceae



- Smilax macrophylla, L. Smilacaceae
- Lucas aspera, L. Labiatae
- Aloe vera, L. Liliaceae
- Mussanda frondosa, L. Rubiaceae
- Tectona grandis, L. Verbenaceae
- Terminalia arjuna, Combretaceae
- Terminalia chebula, L. Combretaceae
- Terminalia tomentosa, L. Combretaceae
- Gloriosa superba, L. Liliaceae
- Grevillea robusta Proteaceae
- Solanum indicum Solanaceae
- Vitex negundo Verbenaceae
- Adhatoda zeylanica, L. Acanthaceae
- Ficus glomoreta Moraceae
- Mappia foetida, Miers.. (Narkya) Olacaceae
- Memecylon umbellatum, Burm. Melastomaceae
- Woodfordia floribunda, Salisb. Lythraceae
- Acacia concinia Momosaceae
- Celosia cristata Amaranthaceae
- Crotalaria retusa (khulkhula) Fabaceae
- Piper hookeri Piperaceae
- Rubia cordifolia Rubiaceae
- Cassia fistula, L. Caesalpinaceae
- Carrisa carandus Apocynaceae
- Clematis gouriana, Roxb. Ranunculaceae
- Dracaena Species Liliaceae
- Mallotus philippinensis, L. (Kunku phal) Euphorbiaceae
- Lobelia nicotianaefolia, Heyne. (Ran-tambakhu) Lobeliaceae
- Physalis minima Malvaceae
- Caryota urens, L. Palmae
- Sida cordifolia Asteraceae
- Mirabilis jalapa, L. Nyctaginaceae
- Indigofera pulchella, Roxb. Fabaceae



- Pogostemin rotundatus, Wt. Lamiaceae
- Pavetta indica, L. (Kulkerniella Fungal disease) Rubiaceae
- Anacardium oxidental, L. (Kaju) Anacardiaceae
- Cocos nucifera palmae
- Garcinia indica (Amsul) Guttiferae
- Mangifera indica Anacardeaceae
- Clerodendron serratum, Spr. Verbenaceae
- Polygonum chinensis Polygonaceae
- Butea monosperma (palas) Fabaceae
- Arisaema murrayi, Hk. Araceae
- Abutilon indicum Malvaceae
- Erythrina indica (Pangara) Fabaceae
- Dalbargia sissoo, Roxb. Fabaceae
- Glyricidia sepium, L. (Undirmari) Fabaceae
- Caesalpinia pulcherrima Caesalpinaceae
- Delonix regia Caesalpinaceae
- Tamaridus indica Mimosaceae
- Ipomoea bioloba Convolvulaceae
- Gnetum ula (Gymnosperm) Gnetaceae
- Lantana indica Verbenaceae
- Bryonopsis species Cucurbitaceae
- Courupita species Courupitaceae
- Arecha catechu (supari) Palmae
- Acacia catechu (kath) Mimosaceae
- Loranthus sps. Loranthaceae
- Zingiber ceranum Zingiberaceae
- Bombax malbaricum, Bombacaceae
- Pandanus species Pandanaceae



Tour Incharge