

"Education for Knowledge, Science and Culture."

- Shikshanmaharshi Dr. Bapuji Salunkhe

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

Department of Botany

Activity :- " STUDY TOUR AT VENGURLA "

Date- 15/12/2018

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Study
Vengurla

" Education for Knowledge, Science and Culture."

- Shikshanmaharshi Dr. Bapuji Salunkhe

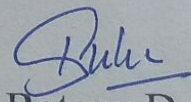
**Vivekanand College (Autonomous) ,
Kolhapur.**

Department of Botany

Notice

Date – 08/12/2018

Students from B.Sc. II (Plant Protection) & B.Sc. III Botany are here by informed that their Study Tour at Vengurla will be arranged on 15/12/2018 & 16/12/2018. This Study tour is compulsory to all.


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



डॉ. बालसाहेब सावंत कृषि विद्यापीठ, दपोली

प्रादेशिक फळ संशोधन केंद्र, वेणुर्ले

Dr. Balasaheb Sawant Konkani Krishi Vidyapeeth, Dapoli

ESTD 1957

REGIONAL FRUIT RESEARCH STATION, VENGURLE

आपल Apple	मango Mango	गुआ Guava	लेमन/लईम Lemon/Lime	ऑरेंज Orange	पायल Pineapple	जकाफ Jackfruit	काशु Cashew	कोकोन Coconut	बानाना Banana	पावपाव Pawpaw	मंगो Mango
जकाफ Jackfruit	मंगो Mango	गुआ Guava	लेमन/लईम Lemon/Lime	ऑरेंज Orange	पायल Pineapple	जकाफ Jackfruit	काशु Cashew	कोकोन Coconut	बानाना Banana	पावपाव Pawpaw	मंगो Mango
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वनस्पतीशास्त्र विभाग
दि १०/१२/२०१८

प्रति,

मा. प्राचार्य

विवेकानंद कॉलेज कोल्हापूर

विषय - अभ्यास सहायस परवानगी मिळणे बाबत
महोदय,

वनस्पतीशास्त्र विभागातील बी.एससी भाग-२
प्लॅन्ट प्रॉटेक्शन (पीपी) व बी.एससी भाग-२ बॉटनी या
विषयांची शैक्षणिक सहायस दि १३/१२/१८ व १४/१२/१८ वार
गुरुवार, शुक्रवार रोजी सावंतवाडी, वेंगुर्ला, तारकली व
माळवण येथे आयोजित केली आहे सदर सहायस
२ दिवसांची आहे तरी सहायस जाणुस परवानगी मिळवि
ही विनंती

[Signature]
10.12.18

Head
Department of Botany
Vivekanand College
Kolhapur

[Signature]
10/12/2018

शैक्षणिक सहायस जाणुस परवानगी
बाबत २ दिवसांचा शैक्षणिक सहायस जाणुस परवानगी
बाबत २ दिवसांचा शैक्षणिक सहायस जाणुस परवानगी

[Signature]
10/12/18

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Vivekanand (Autonomous) College, Kolhapur
B.Sc.-II (2018-19) Roll-Call

Sr. No.	ROLL. NO.	Name of the Student	GROUP	Sign
1	8221 *	BARBOZA ROSHANI RUZARIO	C.B.PP.	<i>Roshani</i>
2	8222 *	BHANDARI RUTUJA SANJAY	C.B.PP.	
3	8271 *	ANGRE SALONI SARDAR	C.B.PP.	
4	8272 *	BABAR SONALI SANJAY	C.B.PP.	
5	8273 *	CHANDANSHIVE PALLAVI SUNIL	C.B.PP.	
6	8274 *	GAIKWAD MAYURI SAYAJI	C.B.PP.	<i>Mayuri</i>
7	8275 *	GURAV PRANALI VIJAY	C.B.PP.	<i>Pranali</i>
8	8276 *	KAMBLE CHHAKULI ANANDA	C.B.PP.	
9	8277	KAMBLE PRATHAMESH DILIP	C.B.PP.	
10	8278 *	KAMBLE SWARANJALI MOHAN	C.B.PP.	
11	8279 *	KHOT MEGHA SADASHIV	C.B.PP.	<i>Megha</i>
12	8280	KOLI SIDDHARTH SUNIL	C.B.PP.	
13	8281 *	LADAGAVAKAR GAYATRI VIKAS	C.B.PP.	<i>Gayatri</i>
14	8282	MALI ABHIJEET RAGHUNATH	C.B.PP.	<i>Abhi</i>
15	8283 *	MANE PRATIKSHA PRASAD	C.B.PP.	
16	8284	MORE SUHAS ASHOK	C.B.PP.	<i>Suhas</i>
17	8285 *	NIKAM AMISHA SURESH	C.B.PP.	
18	8286 *	PARANDE SHITAL SHAMRAO	C.B.PP.	<i>Shital</i>
19	8287 *	PATIL HARSHADA DATTATRAY	C.B.PP.	<i>Harshada</i>
20	8288 *	PATIL NIKITA RAGHUNATH	C.B.PP.	<i>Nikita</i>
21	8289 *	PATIL POOJA RAMCHANDRA	C.B.PP.	
22	8290 *	PATIL SAYALI SARADAR	C.B.PP.	
23	8291 *	PATIL SHAMAL SHRIDHAR	C.B.PP.	<i>Shamal</i>
24	8292 *	PATIL SHWETA MARUTI	C.B.PP.	
25	8293 *	PATIL SMITA SARDAR	C.B.PP.	<i>Smita</i>
26	8294 *	PATIL VAIBHAVI SAMBHAJI	C.B.PP.	<i>Vaibhavi</i>
27	8295 *	PATIL NIKITA SARJERAO	C.B.PP.	<i>Nikita</i>
28	8296 *	PAWAR ANKITA VILAS	C.B.PP.	<i>Ankita</i>
29	8297 *	POWAR ASHWINI PANDURANG	C.B.PP.	
30	8298 *	RATHOD SAHSHIKALA GOVIND	C.B.PP.	<i>Sahshikala</i>
31	8299 *	SHAIKH AFRAGULREJ JAFARSADIK	C.B.PP.	
32	8300	SHINGADE SANDEEP VISWAS	C.B.PP.	
33	8301 *	TAMBEKAR TEJSWINI BAJIRAO	C.B.PP.	
34	8302	WALWEKAR RUTUJA SARDAR	C.B.PP.	<i>Rutuja</i>
35	8303 *	WATKAR KAJAL RAJARAM	C.B.PP.	<i>Kajal</i>

Ide Surekha Namdev

Vivekanand (Autonomous) College, Kolhapur
B.Sc.-III (2018-19) Roll-Call

Sr.No	Roll No.	Name				
			Botany			
229	8729	PATIL	PRANALI	BALASAHEB	Patil	Patil
230	8730	POOJA	RAJU	BHALCHIM		
231	8731	SNEHA	ANNASAHEB	BHOI	Behay	Behay
232	8732	SONALI	AMBAJI	BHOI	Sonali	Sonali
233	8733	PATIL	PRIYANKA	DATTATRAY	Priyanka	Priyanka
234	8734	SHWETA	VASANT	GAIKWAD	Shweta	Shweta
235	8735	AMAN	IQBAL	GAVANDI	Amari	Amari
236	8736	YOGITA	VASANT	KALE	Yogita	Yogita
237	8737	SHARVARI	BHIKAJI	KATKAR	Shattom	Shattom
238	8738	SHRADDHA	BAJIRAO	KHANVILKAR	Shraddha	Shraddha
239	8739	SHUBHADA	VIKAS	MANE	Shubha	Shubha
240	8740	SONALI	EKNATH	MANE	Shubha	Shubha
241	8741	VIDYA	RAJARAM	MANE	Shubha	Shubha
242	8742	POOJA	BHAUSO	PARIT	Patil	Patil
243	8743	SHRITIKA	ANNASO	PATIL	Shritika	Shritika
244	8744	VIDYA	BALASAHEB	PATIL	ms	ms
245	8745	VRUSHALI	VIKAS	PATIL	Surje	Surje
246	8746	SHUBHASHRI	SATAPPA	PHARAHKATE	Surje	Surje
247	8747	SAYALI	RAMCHANDRA	PUJARI	Ban	Ban
248	8748	BANGADE	JAYASHRI	RAJARAM	Patil	Patil
249	8749	PATIL	RUTUJA	RAJARAM	Patil	Patil
250	8750	PATIL	PRAJAKTA	RAVINDRA	Patil	Patil
251	8751	PRITHVIRAJ	AJIT	SARNOBAT	Pranav	Pranav
252	8752	ANKITA	ASHOK	SHELAR	Surje	Surje
253	8753	SHEETAL	RAJARAM	SHETE	Shete	Shete
254	8754	GAYATRI	BHARAT	SUTAR	Surje	Surje
255	8755	SONALI	LAXMAN	SUTAR	Surje	Surje
256	8756	SANKPAL	NAMRATA	UDAY	Surje	Surje
257	8757	POWAR	SHIVANI	VILAS	Surje	Surje

(Dr.S.Y.Hongekar)

Botany: B.Sc.III

Exam. No.

Botanical Excursion

Report

At

Vengurla

Date: 15th & 16th Dec. 2018

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 15th & 16th Dec.2018 at Radhanagari and Vengurla.

Vengurla is a town in Sindhudurg district of Maharashtra, India just north of Goa. It is surrounded by a semicircular range of hills with lush green foliage mainly of cashew, mango, coconut, and different kinds of berry trees. The hills of Dabholi, Tulas, and Mochemad respectively lie in the north, the east, and the south of Vengurla, while the Arabian Sea is located on its west.

The town has a rich cultural heritage. Vengurla Taluka has some temples including those of Shri Sateri, Shri Rameshwar, Shri Navadurga at Kanyale Redi, Shri Mauli at Redi and Shiroda, Shri Vetoba at Aaravali, Shri Ganesh at Redi and Shri Ravalnath.

Vengurla is located at 15.87°N 73.63°E.^[1] It has an average elevation of 11 metres (36 ft). Vengurla is also known as Vingoria. Areas included are Dabholi, Khanoli, Vetore, Tendoli, Wayangani, Surangpani. Vengurla features a tropical monsoon climate. The highest temperature in summer reaches 42°C while in winter, temperature drops up to 10°C. The annual precipitation is 3,155.3 mm (124.22 in).

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 at 6.00 am to Radhanagari and Vengurla and the next day reached to Kolhapur at 9.30 pm.

We have visited to Regional Fruit Research Station, Vengurla. We have observed different varieties of Mango, Cashew, Kokam, Jackfruit, Lemon and Banana. We have collected the information about fruit processing, soil testing technique and production of biopesticides.

Marine Algae :

- Caulerappa racemosa: 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

Pteridophytes

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

Epiphytes

- Dendrobium & Lichens (Usnea, crustose, foliose)

Angiosperms

Botanical Name

Family

- | | |
|--|--------------|
| • <u>Eugenia jambolana</u> , L. | Myrtaceae |
| • <u>Carvia callosa</u> , L. | Acanthaceae |
| • <u>Randia dumetorum</u> , L. | Rubiaceae |
| • <u>Lasiosiphon eriocephalus</u> , Dec. | Thymeliaceae |
| • <u>Smilax macrophylla</u> , L. | Smilacaceae |
| • <u>Lucas aspera</u> , L. | Labiatae |
| • <u>Aloe vera</u> , L. | Liliaceae |
| • <u>Mussanda frondosa</u> , L. | Rubiaceae |
| • <u>Tectona grandis</u> , L. | Verbenaceae |
| • <u>Terminalia arjuna</u> , | Combretaceae |
| • <u>Terminalia chebula</u> , 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 Mimosaceae
- 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
- Dalbergia 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

J. M. M. M.

Ganga
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