

"Education for Knowledge, Science and Culture."

- Shikshanmaharshi Dr. Bapuji Salunkhe

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

**Department of Botany**

**Activity – " STUDY TOUR AT GAGANBAWADA"**

Date- 16/10/2018

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वनस्पतीशास्त्र विभाग  
दि. १२/१०/२०१८

प्रति,

मा. प्राचार्य

विवेकानंद कॉलेज कोल्हापूर

विषय - सहलीस परवानगी मिळणे बाबत

महोदय,

आपल्या महाविद्यालयातील बी.एससी भाग-२  
फ्रंट प्रोटेक्शन या विषयाची शैक्षणिक सल्ल गगनबसडा  
येथे दि १०/१०/२०१८ वार रविवार रोजी १ दिवसाची सल्ल  
आयोजित केली आहे तरी सदर सल्ल जोणेस परवानगी  
मिळवि ही विनंती

सहलीसोबत ① प्रा. एस. पी. साळेरव ② डॉ. ए. आर. कासारकर  
सहलीसोबत ③ प्रा. कु. जे. एम. गोंडले ④ प्रा. कु. एस. ए. वास्कर  
विद्यार्थी - ३५ जाणार आहेत

प्रा. कु. जे. एम. गोंडले सहली सल्ल

Sahu  
for Head  
Department of Botany  
Vivekanand College  
Kolhapur

Sahu  
17/10/2018

शाखकीय निमताने पालेज करणे  
करलेली जाणारी परवानगी  
शाखकीय वाढनामा वापर करणे  
पालेजाने इमिपेस करणे

S  
13/10/18



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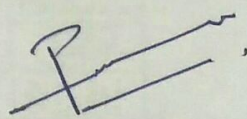
# Vivekanand College (Autonomous), Kolhapur.

## Department of Botany

Notice

Date – 10/10/2018

Students from B.Sc II plant protection are here by informed that their Study Tour at Gaganbawada will be arranged on 14/10/2018. This Study tour is compulsory to all.



Prof. S.H. Patil  
Department of Botany  
Vivekanand College  
(Head of Botany Department)  
Kolhapur



VIVEKANAND COLLEGE KOLHAPUR

B.SC II ROLL CALL 2018 -2019

ROLL NO.	Name of the Student	GROUP	Sign
8221 *	BARBOZA ROSHANI RUZARIO *	C.B.PP.	<del>Roshani</del>
8222 *	BHANDARI RUTUJA SANJAY	C.B.PP.	AB
8271 *	ANGRE SALONI SARDAR	C.B.PP.	<del>Angre</del>
8272 *	BABAR SONALI SANJAY	C.B.PP.	<del>Babar</del>
8273 *	CHANDANSHIVE PALLAVI SUNIL	C.B.PP.	<del>Chandani</del>
8274 *	GAIKWAD MAYURI SAYAJI	C.B.PP.	<del>Gaikwad</del>
8275 *	GURAV PRANALI VIJAY	C.B.PP.	<del>Gurav</del>
8276 *	KAMBLE CHHAKULI ANANDA	C.B.PP.	<del>Chh</del>
8277	KAMBLE PRATHAMESH DILIP	C.B.PP.	<del>Prathamesh</del>
8278 *	KAMBLE SWARANJALI MOHAN	C.B.PP.	<del>Swarnanjali</del>
8279 *	KHOT MEGHA SADASHIV	C.B.PP.	<del>Khota</del>
8280	KOLI SIDDHARTH SUNIL	C.B.PP.	<del>Koli</del>
8281 *	LADAGAVAKAR GAYATRI VIKAS	C.B.PP.	<del>Gayatri</del>
8282	MALI ABHIJEET RAGHUNATH	C.B.PP.	AB
8283 *	MANE PRATIKSHA PRASAD	C.B.PP.	<del>Mane</del>
8284	MORE SUHAS ASHOK	C.B.PP.	<del>More</del>
8285 *	NIKAM AMISHA SURESH	C.B.PP.	<del>Nikam</del>
8286 *	PARANDE SHITAL SHAMRAO	C.B.PP.	<del>Parande</del>
8287 *	PATIL HARSHADA DATTATRAY	C.B.PP.	<del>Patil</del>
8288 *	PATIL NIKITA RAGHUNATH	C.B.PP.	<del>Nikita</del>
8289 *	PATIL POOJA RAMCHANDRA	C.B.PP.	<del>Patil</del>
8290 *	PATIL SAYALI SARADAR	C.B.PP.	<del>Sayali</del>
8291 *	PATIL SHAMAL SHRIDHAR	C.B.PP.	<del>Shamal</del>
8292 *	PATIL SHWETA MARUTI	C.B.PP.	<del>Shweta</del>
8293 *	PATIL SMITA SARDAR	C.B.PP.	<del>Patil</del>
8294 *	PATIL VAIBHAVI SAMBHAJI	C.B.PP.	<del>Patil</del>
8295 *	PATILL NIKITA SARJERAO	C.B.PP.	<del>Patil</del>
8296 *	PAWAR ANKITA VILAS	C.B.PP.	<del>Pawar</del>
8297 *	POWAR ASHWINI PANDURANG	C.B.PP.	<del>Powar</del>
8298 *	RATHOD SAHSHIKALA GOVIND	C.B.PP.	<del>Rathod</del>
8299 *	SHAIKH AFRAGULREJ JAFARSADIK	C.B.PP.	AB



8300		SHINGADE SANDEEP VISWAS	C.B.PP.	<u>SN</u>
8301	*	TAMBEKAR TEJSWINI BAJIRAO	C.B.PP.	<u>BT</u>
8302		WALWEKAR RUTUJA SARDAR	C.B.PP.	<u>Rutuja</u>
8303	*	WATKAR KAJAL RAJARAM	C.B.PP.	<u>Kajal</u>
8075		Khodbale Amruta Tatyao	C.B.PP.	<u>Khodbale</u>
8363		Idle. Surekha Namdev	C.B.P.P.	<u>Idl</u>







*Plant Protection B. Sc. II*

*Exam. No.*

# **Botanical Excursion**

**Report**

**At**

**GAGANBAWADA**

**Date: 08/09/2010 Wednesday**



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As per Shivaji University syllabus, our Botany Department, Vivekanand College, Kolhapur had arranged an excursion tour of B.Sc. II (Plant Protection) students at Gaganbawada for one day.

- Date: 14/10/2018
- Total number of students participated in tour : 34
- Tour Incharge: Prof. Salokhe S. P., Dr. Kasarkar A. R.
- Time of Departure: 7.30 am from College
- Time of Arrival: 7.30 pm same day
- Tour Route: Kolhapur → Gaganbawada → Kolhapur
- **Sites visited:** Gaganbawada Karul ghat, Gagangiri hill station, Bawadekar Wada site etc.

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:** Gaganbawada 55 Km from Kolhapur
- **Taluka:** Gaganbawada
- **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:** Karul ghat and Gagangiri Maharaj Samadhi place.
- **Area:** 1.5059 Km.

Along the road side, in forest some of the plant specimens and near Tisangi village aquatic plants were observed and collected. After that we have visited Karul ghat where collected some of the algae, fungi, bryophytes, Pteridophytes and angiosperm plants.



We have reached at Kolhapur at 7.30 pm on the same day. 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.

**Algae:** Oedogonium nanandrous, Spirogyra, Ulothrix.

**Fungi:** Polyporus

**Bryophytes:**

- Fossombronia spp.
- Funaria hygrometrica
- Polytrichum
- Sphagnum
- Riccia spp.
- Anthoceros antheridia, Anthoceros sporophyte
- Cyathodium

**Pteridophytes**

- Adiantum
- Marsilea quadrifolia
- Adiantum hispidulum
- Selaginella

**Epiphytes**

- Dendrobium
- Peopeltis

**Lichens:** Crustose, foliose

**Diseases:** Yellow vein mosaic of Bhendi, Tikka disease of groundnut.

**Parasite:** Loranthus on Mango.

**Angiosperms**

<u>Botanical Name</u>	<u>Family</u>
• <u>Indigofera pulchella</u> Roxb.	Fabaceae
• <u>Plectranthus stocksii</u> Hook.	Lamiaceae
• <u>Cynotis cristata</u> , Schl.	Commelinaceae
• <u>Woodfordia floribunda</u> Salisb.	Lythraceae
• <u>Trema orientalis</u> L.	Euphorbiaceae
• <u>Mallotus philippensis</u> (Lamk)	Asteraceae



• <u>Indigofera enneaphylla</u> L.	Fabaceae
• <u>Santalum album</u> L.	Santalaceae
• <u>Carissa carandas</u> L.	Apocynaceae
• <u>Smithia hirsute</u> Daiz.	Fabaceae
• <u>Arisaema murrayi</u> Hk.	Araceae
• <u>Argyreia speciosa</u> Sweet.	Convolvulaceae
• <u>Adhatoda zeylanica</u> L.	Acanthaceae
• <u>Sopubia delphinifolia</u> Roxb.	Scrophulariaceae
• <u>Physalis minima</u> L.	Solanaceae
• <u>Impatiens lawii</u> H.	Geraniaceae
• <u>Utricularia albo-Coerulea</u> Dalz.	Lentibulariaceae
• <u>Terminalia arjuna</u> W & A.	Combretaceae
• <u>Caryota urens</u> L.	Palmae
• <u>Terminalia arjun</u> L.	Combretaceae
• <u>Tectona grandis</u> , L.	Verbenaceae
• <u>Dalbargia sissoo</u> Roxb.	Fabaceae
• <u>Ipomoea nil</u> L.	Convolvulaceae
• <u>Clerodendron serratum</u> , Spr.	Verbenaceae
• <u>Sansevieria trifasciata</u> L.	Agavaceae
• <u>Roystonea regia</u> (Royal palm)	Arecaceae
• <u>Carvia callosa</u> L.	Acanthaceae
• <u>Mussanda frondosa</u> L.	Rubiaceae
• <u>Canscora diffusa</u> Br.	Gentianaceae
• <u>Artocarpus integrifolia</u> L.	Moraceae
• <u>Gloriosa superba</u> L.	Liliaceae
• <u>Clerodendrum inerme</u> L.	Verbenaceae
• <u>Rhynchosyris obliquum</u> (Blume)	Gentianaceae
• <u>Nothapodytes nimmoniana</u> (J. Graham)	Icacinaceae
• <u>Barleria cristata</u> L.	Acanthaceae
• <u>Cucumis setosus</u> Cogn.	Cucurbitaceae
• <u>Ipomea nil</u> L.	Apocynaceae
• <u>Terminalia chebula</u> Retz	Combretaceae



- Asteracantha longifolia L.
- Smilax macrophylla Roxb.
- Impatiens balsamina L.
- Tagetes erecta L.
- Polygonum chinense L.

Acanthaceae  
Liliaceae  
Balsaminaceae  
Asteraceae  
Polygonaceae

### **Cereals (Crops)**

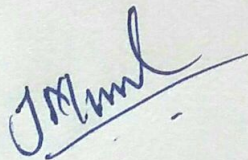
- Eleusine coracana
- Oryza sativa
- Saccharum officinarum
- Zea mays
- Arachis hypogea

### **Weeds**

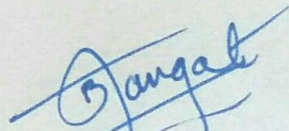
- Alternanthera tenella
- Amaranthus caudatus
- Spilanthes acmella
- Eclipta alba
- Commelina benghalensis
- Cyperus rotundus
- Solanum xanthocarpum
- Solanum verbascifolium

### **Diseases**

- Powdery mildew of Cucurbits
- Rust of Sugarcane
- Blast of Rice
- Udbatta disease of Rice



Tour Incharge



Head  
Department of Botany  
Vivekanand College  
Vivekanand College  
Kolhapur