

“Education for Knowledge, Science and Culture”

-Shikshanmaharshi Dr. Bapuji Salunkhe

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

**Department of Zoology**

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**STUDY TOUR  
WAI-MAHABLESHWAR  
(14<sup>th</sup> - 15<sup>th</sup> December, 2022)**



**Academic Year: 2022-2023**

Shri Swami Vivekanand Shikshan Sanstha's  
**VIVEKANAND COLLEGE, KOLHAPUR (AUTONOMOUS)**  
DEPARTMENT OF ZOOLOGY  
Academic Year 2022-2023

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**STUDY TOUR - ADD ON COURSE ON AND B.Sc. III  
"BEEKEEPING AND HONEY PROCESSING"**

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*Gitan*  
**Dr. G. K. Sontakke**  
Head,  
Department of Zoology  
Vivekanand College,  
Kolhapur (Autonomous)



“Education for Knowledge, Science and Culture”  
-Shikshanmaharshi Dr. Bapuji Salunkhe  
Vivekanand College, Kolhapur (Autonomous)  
**Internal Quality Assurance Cell**  
2021-22  
Quality Initiatives/ Activities Report



1. **Name of Department:** ZOOLOGY
2. **Name of Organized Activity:** Study Tour to Wai – Mahableshwar (Apiculture and Sericulture unit)
3. **Date/ Duration:** 14<sup>th</sup> and 15<sup>th</sup> December, 2022
4. **Aims and Objectives:**
5. **Objectives:**

1. To provide an opportunity to students to visit a place away from their normal place of study and to provide an experience outside the class room or labs.

2. To provide practical Knowledge about apiculture, sericulture and Pisciculture.

**No. of beneficiaries:**

Sr. No	No. of Beneficiaries		Total
	Male	Female	
1	14	29	43

6. **Expenditure & funding agency:** NA

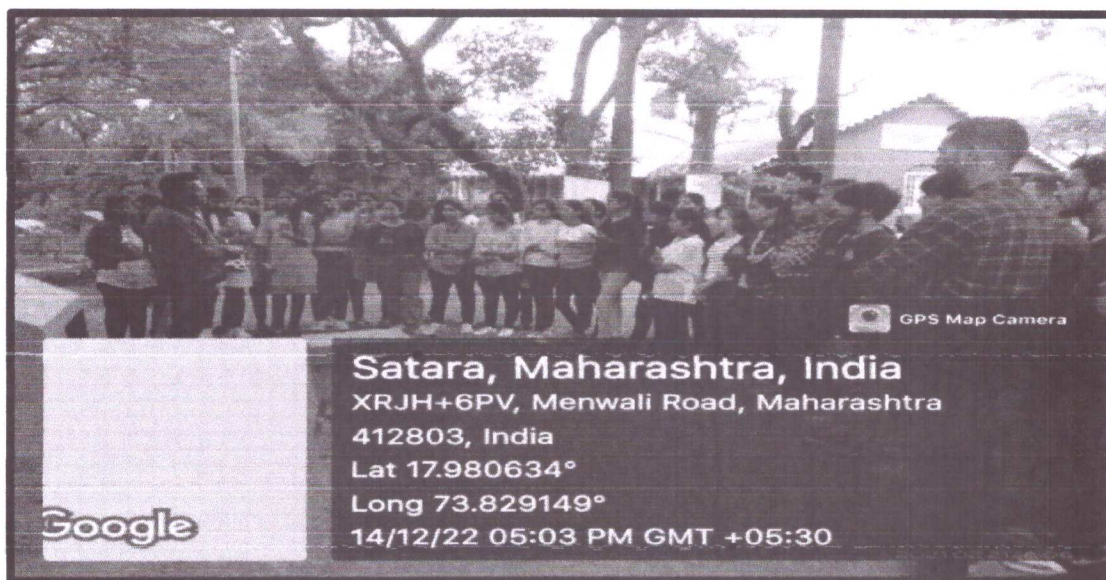
7. **Brief description:**

Department of Zoology, Vivekanand College, Kolhapur (Autonomous) has organized a two-day study tour of B.Sc. III and Add on course on “Beekeeping and honey processing” to Wai- Mahableshwar on Wednesday, 14/12/2022 and Thursday, 15/12/2022. Total 40 Students and 3 Teachers have participated in the tour. Student visited the various point during this study tour. They gives visit to Mahaganpati temple, Government Fish Seed Production Center, Dhom, Parsi point, Government Sericulture Unit, Wai, Mapro Garden, Bee Keeping Centre (Apiculture Unit), Pratap Gad Fort and Elephants Head Point. Dr. T. C. Gaupale (tour incharge), Dr. S. S. Desai and Ms. Y. S. Pujari guided the students in study tour.



**8. Outcomes:**

1. Students Should be able to understand about the honey bee rearing and Honey collection process.
2. Students Should be able to acquire the knowledge about the Fish breeding.

**9. Photos: (2/3)**

**Hands on training at Directorate of Beekeeping Mahabaleshwar,  
Maharashtra**

**10. Signatures of coordinator/ organizer:**

*P. S. Patil*  
Head,  
Department of Zoology  
Vivekanand College,  
Kolhapur (Autonomous)

Date: 12/12/2022

To,  
The Principal,  
Vivekanand College, Kolhapur (Autonomous)

Subject: To get permission for organizing Study tour

Respected Sir,

Department of Zoology wish to organize two days study tour for students of **B. Sc. III** and **Add-on Course -Bee Keeping and Honey Processing** to Wai - Mahableshwar (Apiculture and Sericulture unit) on 14<sup>th</sup> and 15<sup>th</sup> December, 2022 as a part curriculum Vivekanand College, Kolhapur (Autonomous).

Therefore, kindly request you to grant the permission for the same.

Thanking you.

Enclosure:

1. List of students and Faculty

Yours faithfully,

Dr. G. K. Sontakke  
Head,  
Department of Zoology  
Vivekanand College,  
Kolhapur (Autonomous)

pad  
12/12/2022  
Allowed  
Rg  
12/12/2022

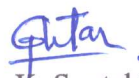
Shri. Swami Vivekanand Shikshan Sanstha's  
**Vivekanand College, Kolhapur (Autonomous)**  
Department of Zoology  
Academic year 2022 – 2023

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Date :- 12/12/2022

**NOTICE**

All students of of B.Sc. III and Add on course on "Beekeeping and honey processing" hereby informed that Department of Zoology is going to organize two day study tour to Wai-Mahableshwar (Apiculture and Sericulture unit) on 14<sup>th</sup> and 15<sup>th</sup> December, 2022 as a part of curriculum of B.Sc. III Zoology and "Add on course on Beekeeping and honey processing", Vivekanand College, Kolhapur (Autonomous). This study tour is compulsory to all students.

  
Dr. G. K. Sontakke  
Head,  
Department of Zoology  
Vivekanand College,  
Kolhapur (Autonomous)



## Vivekanand College Kolhapur (Autonomous)

Department of Zoology  
Academic Year-2022-2023

**Study Tour – (Date: 14-15/12/2022)**  
(Kolhapur-Wai-Panchgani-Mahabaleshwar-Kolhapur)  
**B.Sc. III and Add on Course Beekeeping and Honey Processing**

### LIST OF STUDENTS AND TEACHERS

Sr.No	Name	Class
1.	Smeet Sunil Ligade	B.Sc. I
2.	Saniya Yunus Nadaf	B.Sc. II
3.	Pruthviraj Subhash Shevale	B.Sc. I
4.	Harshad Mahesh	B.Sc. I
5.	Rizwan Firoz Shaikh	B.Sc. I
6.	Apurva Balaso Mangave	B.Sc. I
7.	Rutuja Vishal Kamble	B.Sc. I
8.	Stuti Kaitan Bardeskar	B.Sc. III
9.	Mohini Shivaji Mulik	B.Sc. II
10.	Ashiya Riyaj Nayakwadi	B.Sc. I
11.	Rutuja Avinash Ghatage	B.Sc. I
12.	Sanjivini nilkanth Kamble	B.Sc. III
13.	Aarooi Anil tadwale	B.Sc. III
14.	Mrunali alias Mayuri vittal patil	B.Sc. III
15.	Kushal Balasaheb Chaptre	B.Sc.I
16.	Om Chandrakant Patil	B.Sc.I
17.	Shruti Ravindra Shinde	B.Sc.II
18.	Swara Sachin Bhurke	B.Sc.II
19.	Shubhada Ganesh Patil	B.Sc.II
20.	Arpita Sanjay Savairam	B.Sc.II
21.	Janhavi Jagdish Patil	B.Sc.II
22.	Vaishnavi Sardar Chougale	B.Sc.I
23.	Priti Pravin Tope	B.Sc.I
24.	Vaishanavi Shivaji Chougale	B.Sc.I
25.	Kritika Bharat Vora	B.Sc.I
26.	Vendanshu Vinay Chopdar	B.Sc.II
27.	Supriy Millind Sarpe	B.Sc.II
28.	Prasad Subhash vadgonkar	B.Sc.II
29.	Darshankumar Sarjirav Khot	B.Sc.III

30.	Adesh Ajit Alman	B.Sc.III
31.	Sahil Firoj Chougule	B.Sc.III
32.	Rutuja Chandrakant Patil	B.Sc.III
33.	Pragati Tanaji Patil	B.Sc.III
34.	Arati Shivaji Kamble	B.Sc.III
35.	Sangram Pandurang Jadhav	B.Sc.III
36.	Vishakha Vishavnath Darekar	B.Sc.III
37.	Vaishanavi Rajendra Sutar	B.Sc.III
38.	Payal Ashok Mane	B.Sc.III
39.	Supriya Rama Pujari	B.Sc.III
40.	Sarita Balu Davare	B.Sc.III
41.	Dr. Gaupale T. C	Staff
42.	Dr. Sneha Desai	Staff
43.	Ms. Pujari Yogita	Staff



**(Dr. G. K. Sontakke)**  
 Head,  
 Department of Zoology  
 Vivekanand College,  
 Kolhapur (Autonomous)



“ ज्ञान विान आणि सुसंस्कार यासाठी शिक्षण प्रसार”  
 शिक्षणमहर्षी डॉ. बापूजी साळंखे  
 श्री स्वामी विवेकानंद शिक्षण संस्था कोल्हापूर  
 सहल विभाग

दिनांक :-

प्रति,  
 मा. प्राचार्य  
 विवेकानंद कॉलेज कोल्हापूर.

विषय :- सहली साठी अर्ज

महोदय ,

मी अर्जदार श्री/कु. श्रुती रविंद्र शिंदे वर्ग B.S.C 2<sup>nd</sup> year.  
 रोल नंबर 7863 आहे. मी आपण दिलेल्या सहलीच्या पर्यायापैकी महाबळेश्वर सहल हा पर्याय निवड  
 करीत आहे. तसेच सहलीचे सर्व नियम मला मान्य आहेत. मी माझ्या स्वःच्या जबाबदारीवर सहलीस येत आहे .

कळावे .

आमला/ आपली विश्वासू  
श्रुती रविंद्र शिंदे  
 सही Rshinde.

पालकाचे संमती पत्र

दिनांक :-

माझा पालय श्री/कु. कांचन रविंद्र शिंदे आपल्या कॉलेजमध्ये B.S.C 2<sup>nd</sup> year.  
 या वर्गात शिकत असून त्याचा रोल नंबर 7863 आहे. माझ्या पाल्यास आपण दिनांक 14-12-22  
 रोजी आयोजित केलेल्या सहलीस जान्यासाठी मी परवानगी देत आहे. माझा पाल्य सहलीमध्ये कोणत्याही प्रकारचे गैर  
 वर्तणुक करणार नाही. याची हमी देत आहे. तसेच सहलीदरम्यान काही अघटीत घटना घडल्यास त्याची कोणतीही जबाबदारी  
 महाविद्यालय अथवा संबंधित प्रध्यापकावर राहणार नाही. मी माझ्या स्वःच्या जबाबदारीवर माझ्या पाल्याला सहलीस  
 पाठवित आहे .

विद्यार्थ्याची सही  
Rshinde

पालकाची सही. Rshinde  
 नाव कांचन रविंद्र शिंदे  
 पत्ता जागाळा पार्क, कोल्हापूर  
 फोन नं. 8530980087/9371108432



Shri Swami Vivekanand Shikshan Sanstha's

**Vivekanand College, Kolhapur (Autonomous)**

**Department of Zoology**

**Study Tour**

**B. Sc. III (Zoology) & Add on course "Bee keeping and honey processing"**

**Academic year: 2022 – 2023**

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**Report**

Department of Zoology, Vivekanand College, Kolhapur (Autonomous) has organized a two days study tour of B. Sc. Part III and Add-on Course "Bee keeping and honey processing" students as per part of their curriculum to Wai – Mahabaleshwar on Wednesday, 14/12/2022 and Thursday, 15/12/2022. Total 40 students and 3 teachers have participated in the tour. The main objective of study tour was a visit of students to a place away from their normal place of study and to provide an experience outside the class rooms or labs. It also provides an opportunity non experimental and experimental research and helps bring all the students to a common platform and quite valuable and important aspect to provide practical knowledge to the students

All the students were directed to gather at college gate at 5:30 am. The tour was started at 6.00 am from Vivekanand College, Kolhapur (Autonomous) by State transport bus and reached at Wai at 11.00 am. The first place to visit was MahaGanpati temple, situated on the banks of the Krishna River at Wai. Temple is a must visit for the spiritually inclined students. Next spot visited during this study tour was **Government Fish Seed Production Center, Dhom**. Center is governed by Assistant Commissioner of Fisheries, Satara facilitated with Chinese Circular Hatcheries. Student observed overhead water storage tank, spawning pond, incubation pond, hatchling receiving pond and also studied about Chinese spawning and hatching systems based on continuous flow of water by gravity to breed carps and hatch the eggs. Lying on the route towards Mahabaleshwar, Panchgani, incredibly beautiful **Parsi Point** a very well-known viewpoint enjoyed by students. This picturesque viewpoint offered students a truly breathtaking panoramic view of the clear waters of Dhom Dam and the charm of Krishna Valley. This place refreshes the tired students and rejuvenates them from within by bursting all the stress and anxiety of everyday life. **Government Sericulture Unit, Wai** was next spot for the students to acquire knowledge about rearing silk moth and caterpillar for the production of silk. This unit is also owned by government of India. Storage of cocoons, drying, mixing and cooking were observed and good information was provided by their staff. Students come to know that with the new style of Tuti plantation and silkworm cultivation, this business can be done with very fewer efforts and on a large scale.

Afterword student visited to **Mapro Garden** which was full of Mahabaleshwar Products, a franchise selling fruit-based products in and around Mahabaleshwar. Student

enjoyed test of fresh fruit product along with their nutritional importance also taken an opportunity to buy various products from Mapro. Here students had their lunch and ready for the next journey. Government owned **Bee Keeping Centre (Apiculture unit)** was another popular spot and next attraction in Mahabaleshwar for the students in this tour. A tour to the bee-keeping Centre provided a fascinating insight to the honeybee rearing and honey collection process. Bee Keeping Centre staff demonstrated the working of the Centre and provides brief overview of honey production process to the students The Centre has around 600 wooden hives. Total number of Bees was around 25000 to 30000. Honey bees roam around 5 square km area and bring honey to the hive. Students handled honey bee hives and bees which was absolutely harmless and very exciting experience for them. By visiting all the points decided for this day now that was time to enjoy the marketing for the students in Mahabaleshwar. **The market** is a quaint little city Centre, situated in the heart of city. Students enjoyed marketing and finally stayed at the living space lodge near the market.

With a very fresh mood on the next day (15/12/2022) students were ready with very happy faces for the next day filled with joy and knowledge. After completing their breakfast tour moved towards the **Pratapgad Fort**. It is a mountain fort built by Chhatrapati Shivaji Maharaj. The fort holds a sturdy view of coastal Konkan. The Bhavani Temple and Afzal Khan's tomb are other places of interest for students. The height of this fort is 3543 feet above sea level. Students have vast look out of Hundreds of kilometer area right from Konkan. Once again tour headed to visit **Bee Keeping Centre (Apiculture unit)** at 10.00 am for acquire information about types of honey get collected and how it is processed in unit. Students were much enthusiastic and happy after experiencing all these processes which were they only heard in theory lectures. Next on the way to old Mahabaleshwar one more beautiful point visited was **Elephant's Head Point**, which is also one of the most picturesque viewpoints in Mahabaleshwar, famous for the stunning view of the Sahyadri ranges. In old Mahabaleshwar, **Mahabaleshwar temple** was visited first. It is an ancient shrine and popularly known as the Mahabali. Another temple visited was **Krishnabai Temple**, supposed to be source of the Krishna River. The temple also offered enchanting views of the Krishna valley and surrounding countryside. Students were filled with spirituality. Return journey were started to Kolhapur at 6.00. During returned journey students enjoyed their dinner and returned at 10.00 pm in-front of the college gate.

Dr. T. C. Gaupale (Tour incharge), Dr. S. S. Desai and Ms. Y. S. Pujari guided the students in study tour. Student returned with acquaint of the knowledge and beauty of hill station to home with happy faces and with acquired knowledge in tour.


  
**Dr. G. K. Sontakke**  
 Head,  
 Department of Zoology  
 Vivekanand College,  
 Kolhapur (Autonomous)





Photo 1: Mahaganpati temple, Wai

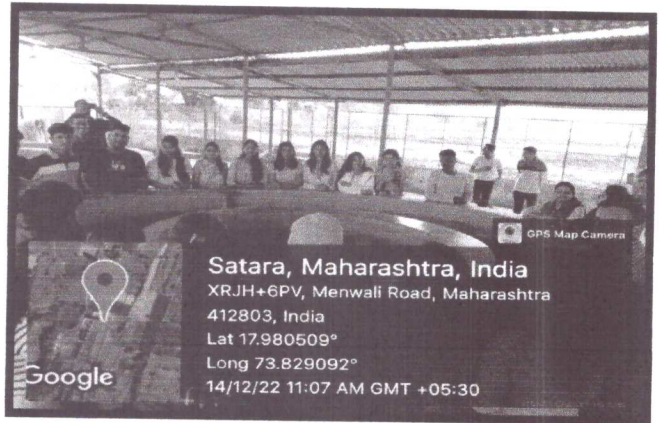


Photo 2: Govt. Fish seed Production Centre, Dhoom

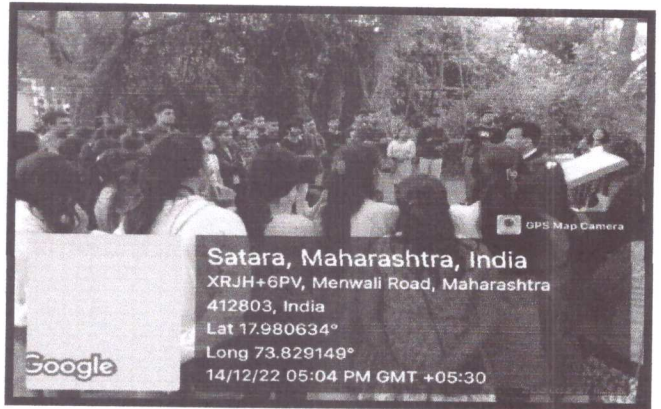


Photo 3& 4: Bee keeping Centre, Mahabaleshwar

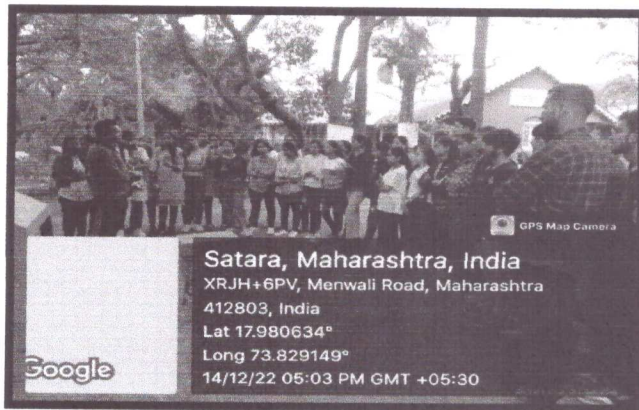


Photo 5: Apiculture Unit, Mahabaleshwar



Photo 6: Mahabaleshwar temple, Mahabaleshwar

<b>Wai-Mahabaleshwar Study tour 2022-2023</b>		
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