

“Dissemination of Education for Knowledge, Science and Culture”

-Shikshanmaharshi Dr. Bapuji Salunkhe

Shri Swami Vivekanand Shikshan Sanstha's

**Vivekanand College, Kolhapur**

**(Empowered Autonomous)**

**Department of Zoology**

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**Lab Tour**

**(10<sup>th</sup> August 2024)**



**Academic Year: 2024- 2025**

"Dissemination of Education for Knowledge, Science and Culture"  
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**(An Empowered Autonomous Institute)**  
**Department of Zoology**  
**Academic Year 2024-2025**


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**Lab Tour**

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**Dr. G. K. Sontakke**  
**HEAD**  
**DEPARTMENT OF ZOOLOGY**  
**VIVEKANAND COLLEGE, KOLHAPUR**  
**(EMPOWERED AUTONOMOUS)**



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**Internal Quality Assurance Cell**

2024-2025

**Quality Initiatives/ Activities Report**



1. **Name of Department:** Zoology
2. **Name of Organized Activity:** Lab Tour
3. **Date/ Duration:** 10/08/2024, 12:30 pm onwards
4. **Aims and Objectives:** The tour aimed to provide students with hands on experience and practical insights into various facets of Zoology.

**Objectives:**

- To get knowledge about fundamental laboratory techniques used in zoology.
- To acquaint with the zoology lab layout, equipment, safety protocols, and general lab etiquette.
- To engage students in interactive learning, encouraging them to explore new areas of interest within the field of zoology.

5. **No. of beneficiaries:**

Sr. No	No. of Beneficiaries		Total
	Male	Female	
1	15	91	106

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

7. **Brief description:**

The Department of Zoology at Vivekanand College, Kolhapur (An Empowered Autonomous Institute), organized a comprehensive and insightful lab tour for the students of B.Sc. I Zoology on 10<sup>th</sup> August 2024. A total of students participated in this educational experience, designed to enhance their understanding of zoological concepts beyond traditional classroom learning. The lab tour provided an excellent opportunity for students to interact with various specimens and equipment used in the study of zoology. It allowed them to observe practical applications of theoretical knowledge and explore the diverse aspects of animal biology and behaviour. Dr. G. K. Sontakke, the Head of the Department of Zoology, permitted the conduct of this enriching activity and personally guided the staff in organizing



the tour. The all faculty members of the Zoology Department were also actively involved in guiding the students through the various exhibits, providing detailed explanations, and answering questions to foster a deeper understanding of the subject. Overall, the Zoology Lab Tour was a great success, and it significantly contributed to the students' academic growth and interest in the subject.

#### 8. Outcomes:


1. Students should be able to receive an overview of fundamental laboratory techniques used in zoology.
2. Student acquainted with the zoology lab layout, equipment, safety protocols, and general lab etiquette.
3. Students should be able to understand about various preserved specimens and models used in zoological studies.

#### 9. Photos:



Photos of Lab Tour 10/08/2024

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

  
Dr. G. K. Sontakke  
**HEAD**  
DEPARTMENT OF ZOOLOGY  
VIVEKANAND COLLEGE, KOLHAPUR  
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**Vivekanand College, Kolhapur (Empowered Autonomous)**

**Department of Zoology**

**Academic Year 2024-2025**

## **LAB TOUR**


**Date-07/08/2024**

### **NOTICE**

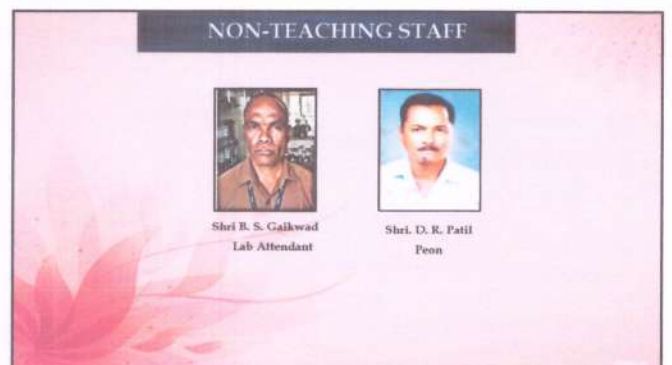
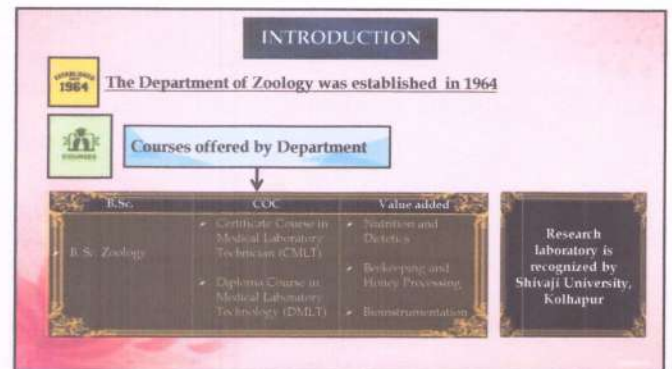
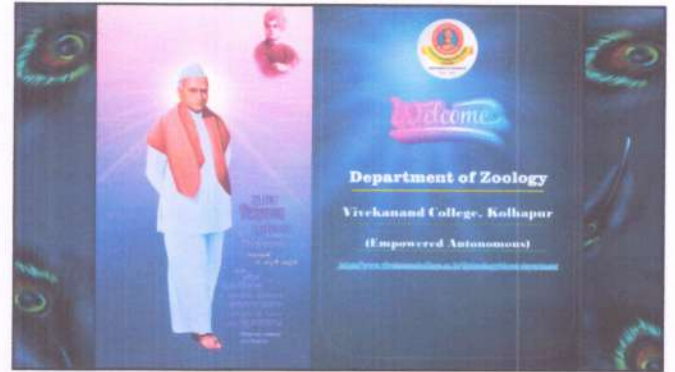
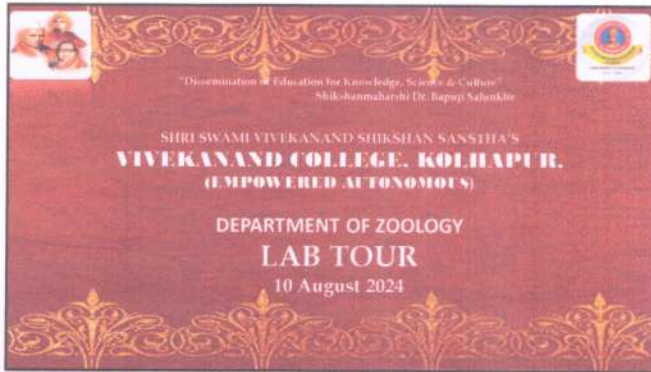
All freshly admitted students of B.Sc. I Zoology, hereby informed that the Department of Zoology has organized a Lab Tour. The major goals behind this lab tour are to provide an in-depth understanding of the departmental facilities and enhance your knowledge of the subject beyond the traditional classroom learning. Your participation is essential for a better understanding of the departmental resources and facilities. Attendance is mandatory for all students.

#### **Details of the Lab Tour:**

- **Day & Date:** Saturday; 10/08/2024
- **Time:** 12:45 p.m. to 2:00 p.m.
- **Venue:** Department of Zoology

  
**Dr. G. K. Sontakke**  
**HEAD**  
**DEPARTMENT OF ZOOLOGY**  
**VIVEKANAND COLLEGE, KOLHAPUR**  
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### INFRASTRUCTURE AND FACILITIES

Infrastructure	
Classrooms	03
Laboratory	02
Research Lab	01
Staff Room	01
Zoology Museum	01

Facilities	
Books in Central Library	660
Books in Departmental Library	71
Computers with LAN Internet	07
Wi-Fi	01
Printers	02
Web Camera	03
Projector	02
Binocular	03
Digital camera	01

Total Number of Specimens 153

### RESEARCH LABORATORY

### LABORATORY INSTRUMENTS

Gel Documentation   Spectrophotometer   Autoanalyzer   Hematology Analyzer

Microtome   Colorimeter   Laminar Air Flow   Cooling Microfuge

### RESEARCH ACTIVITY

Minor Research Project Completed (02)

Minor Research Projects On-going (05)

Publications (11)

Funds for Project

Rs. 8.40 Lakh

Total Citation-182

Total h index-13

Total i10 Index-06

### DETAILS OF RESEARCH PROJECT

Name of Faculty	Title of Project	Funding agency / Status	Amount (in Lakhs)
Dr. G. K. Sontakke	Ecobiology of Copepods from Freshwater Reservoirs of Mahabaleshwar Tehsil, District Satara	Completed	0.65
Dr. T. C. Gaupale	Distribution of CART peptide in the fish brain & effect of temperature on CART peptide expression	Shriji University, Kolhapur under Research Initiation Scheme	1.00
Dr. G. K. Sontakke	Cytoarchitectural Organization of Fore brain of Fish Black Molly	Ongoing	1.35
Dr. T. C. Gaupale	Structural organization of Olfactory system and olfactory bulb of fish black Molly		1.35
Ms. N. A. Patel	Evaluating Neuroprotective Role of vigna sp. and Purslane Against Rotenone Induced Parkinson's Disease in Black Molly		1.35
Dr. T. C. Patil	Study of Protease Activity an Effect of Vitex negundo on Protease Activity in Larvae of Earias vittella		1.35
Dr. S. S. Desai	Analysis of the Biochemical and Histopathological Impact of Insecticides Flubendiamide on Labo rebita	Seed Money Scheme for Research Vivekanand College Kolhapur (Autonomous)	1.35

### RESEARCH FELLOWSHIP

**SARATHI Research Fellowship 2022**



Ms. Punam P. Patil

**MAHAJYOTI Research Fellowship 2022**



Ms. Sheetal M. Jannjal



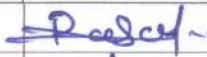
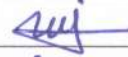
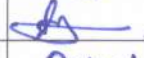
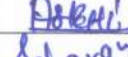
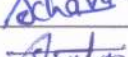
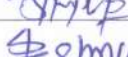

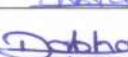

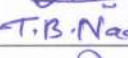









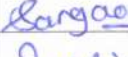


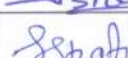
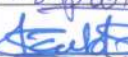
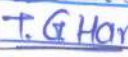



**Vivekanand College, Kolhapur (Empowered Autonomous)**

**Department of Zoology**

**Academic Year 2024-25**

**Date-10/08/2024**

**Lab Tour Attendance**

Sr. No	Name of Student	Signature
1	Pradnya Lalaso Resal	
2	Usha Mallappa Kumbhar	
3.	Sanchita Prakash Jadhav	
4.	Akanksha Suresh Patil	
5.	Saniya Satish Chavan	
6.	Arijali Shamrao Jagtap	
7.	Sanskriti Temaji Deshmukh	
8.	Shital Sambhaji Kasar	
9.	Devaki Mahadev Dabhade	
10	Sadiga Ibrahim Jamadar	
11.	Nadaf Tasneem Bhola	
12	Mariya Javed Ichalkaranjkar	
13	Arati Ramachandra Ghosarewade	
14.	Rutuja Suresh Wanchre	
15.	Sanjivani Vishnu Patil	
16.	Rajnandini Balasubhe Kolhe	
17.	Janhvi A. Dalvi	
18.	Tanuja Ajit Mali	
19	Samiksha Sanjay Kumbhar	
20	Chaitrali Yuvsay Upatil	
21	Sanali D. Kurugotagi	
22	Sakshi S. Sangaonkar	
23	Shruti S. Bhosale	
24.	Sakshi Ananda Patil	
25.	Pratiksha Sagare Patil	
26.	Sampada Sanjay Patil	
27.	Somruddhi Santosh Kamble	
28.	Tejashri Gajanan Hande	



Sr. No	Name of Student	Signature
29	Shruthi Ashok Kamble	<u>Shruthi</u>
30	Nikita Tanaji Khat	<u>Nikita</u>
31	Vaishnavi Rajaram Khat.	<u>Vaishnavi</u>
32	Madhusima Vijay Patil	<u>Madhusima</u>
33	Anshu shivaji Kuzane	<u>A.S.K</u>
34	Surabhi Vishal Beje	<u>Surabhi</u>
35	Nikita Tanaji Mole	<u>Nikita</u>
36	Varsha Tanaji Gurav.	<u>Varsha</u>
37	Siddhi Yashraj Ambale	<u>Siddhi</u>
38	Jyoti Suresh Patil.	<u>Jyoti</u>
39	Shreya Shantidoot Sawant	<u>Shreya</u>
40	Vaishnavi Vijaykumar Sutar	<u>Vaishnavi</u>
41	Vaishnavi Uttam Sankpal	<u>Vaishnavi</u>
42	Alisha Jamir Mujawar	<u>Alisha</u>
43	Chhavi Yadav	<u>Chhavi</u>
44	Aditi Saketke	<u>Aditi</u>
45	Sanika Ranjeet Patil	<u>Sanika</u>
46	Pallavi Sitaram Jadhav	<u>Pallavi</u>
47	Vaishnavi Prakash Patkar	<u>Vaishnavi</u>
48	Sanika Subhash Fadnis	<u>Sanika</u>
49	Rutuja Prakash Koli	<u>R.P. Koli</u>
50	Samruddhi Uttam Patkar	<u>Samruddhi</u>
51	Teachi Ptamod Kotade	<u>Teachi</u>
52	Sanika Mahadev Ambi	<u>Sanika</u>
53	Antara Shesherao Kamble	<u>Antara</u>
54	Pranali Mhalappa Vhanmane	<u>Pranali</u>
55	Shreya Jinendra Vasaganle	<u>Shreya</u>
56	Vaishnavi Dipak Patil	<u>Vaishnavi</u>
57	Payal Bajirao Patil	<u>Payal</u>
58	Uma Pandurang Korande	<u>Uma</u>
59	Uzma Karim Shaikh	<u>Uzma</u>
60	Siya Kailas More	<u>S.K. More</u>
61	Prihi Anil Parit	<u>Prihi</u>
62	Shruti Vinayak Thombare	<u>Shruti</u>



Sr. No	Name of Student	Signature
63	Makshada Bhagavat Kamble	<u>MP</u>
64	Pradnya Vijay Patil	<u>Patil.</u>
65	Priyanka Dipak Kumbhar	<u>Priyanka</u>
66	Shreya Amit Lokare	<u>SALokare</u>
67	Shrinidhi Abhinand Parawalkar	<u>SAP-</u>
68	Aditi Peakash Patil	<u>(A)Patil.</u>
69	Sidhika Sachin chougule	<u>SS</u>
70	Sanika Tanaji Methe	<u>smethe</u>
71	Purva Ganesh Jawangore	<u>Purva</u>
72	Mital Kishor Kamra	<u>Mital</u>
73	Divya Dilip Koli	<u>Dilip</u>
74	Vaishnavi Vinayak Sontakke	<u>Sontakke</u>
75	Divya Dattatray Patil	<u>Patil</u>
76	Samruddhi Sardar Patil	<u>Patil</u>
77	Madhura Shankar Benake	<u>MBenake</u>
78	Sanika Tanaji chougule	<u>Sanika</u>
79	Sadhana Ravindra Magdum	<u>Magdum</u>
80	Kartika Mahesh Nilkam	<u>Nilkam</u>
81	Nilam Laxman Taminkar	<u>NilamTaminkar</u>
82	Vaishnavi Shahaji Balugade	<u>Balugade</u>
83	Sanika Jotiram Thaneke	<u>S.J. Thaneke</u>
84	Sakshi Bhaskar Korane	<u>BKorane</u>
85	Pranoti Amar Ulate	<u>P.A.Ulate</u>
86	Amrapali Arvind Trandur.	<u>Amrapali</u>
87	Gauri Pramod Raul.	<u>G.P. Raul.</u>
88	Riya Uttam Patil	<u>Patil</u>
89	Vaishali M. Patil	<u>Vaishali</u>
90	Vaishnavi M. Patil	<u>V. Patil</u>
91	Trailokya N. Dalavi	<u>T.N. Dalavi</u>
92	Unmesh Y. Patil	<u>Patil</u>
93	Adesh C. Bhoje	<u>AB</u>
94	Siddhesh N. Lohar	<u>Siddhesh</u>
95	Badal K. Singh	<u>Badal</u>
96	Sanket S. Bhosale	<u>SBB</u>



**Vivekanand College, Kolhapur (An Empowered Autonomous Institute)**

**Department of Zoology**

**Lab Tour**

**Academic Year 2024-2025**

**Report of Lab Tour**

Department of Zoology, Vivekanand College, Kolhapur (An Empowered Autonomous Institute) has organized lab tour for the students from B.Sc. I Zoology. This lab tour is organized on 10<sup>th</sup> August 2024. A total of 106 students have visited the zoology lab. The tour aimed to provide students with hands on experience and practical insights into various facets of zoology, enhancing their understanding of the subject beyond traditional classroom learning.

The tour commenced with an introductory session where students were briefed about the department's mission, objectives, and the scope of studies offered. Students were shown around the laboratory facilities, including various specialized labs for practical work in zoology. Key equipment and resources available in the labs were demonstrated, such as microscopes, dissection kits, and specimen collections. Faculty members conducted brief demonstrations of key laboratory techniques and experiments that are part of the curriculum. The demonstrations included handling of specimens, basic microscopy skills, and data collection methods. An interactive session was held where students had the opportunity to ask questions about lab procedures, safety protocols, and course-related queries. Faculty provided detailed answers and additional insights into the practical aspects of their studies. The importance of adhering to safety protocols and proper lab conduct was emphasized. Students gained a better understanding of the departmental facilities and resources available to them. The tour provided students with practical insights into the lab work they will undertake during their course. The interactive nature of the tour fostered greater engagement and curiosity among the students regarding their upcoming practical classes.

Students expressed positive feedback about the tour, appreciating the opportunity to see the facilities and ask questions about their coursework. Many students felt more confident and prepared for their practical classes as a result of the tour. The lab tour was successful in meeting its objectives of familiarizing students with the Department of Zoology's resources and enhancing their readiness for practical work. The event was well-received, and it is anticipated that it will contribute positively to the students' academic experience. Dr. G. K. Sontakke, Head of the Department of Zoology, gives permission to conduct this lab tour for students and guided all the staff of the Zoology department to complete this Lab tour successfully.



**Dr. G. K. Sontakke**

**HEAD**

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**Department of Zoology**  
**Academic Year 2024-25**

**Date: 10/08/2024**



**Photos: Lab Tour: Student visit to Department Research Laboratory, Museum, and Library**

*G.K.*  
**Dr. G. K. Sontakke**

**HEAD**

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