

“Dissemination of Education for Knowledge, Science and Culture”

-Shikshanmaharshi Dr. Bapuji Salunkhe

Shri Swami Vivekanand Shikshan Sanstha's

Vivekanand College, Kolhapur
(An Empowered Autonomous Institute)

Department of Zoology

Academic year: 2025-26

B.Sc. III (Major) Visit to INFINITE BIOTECH

Institute of Research & Analytics, Sangli

(Date-25/09/2025)



Academic Year: 2025- 2026

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Department of Zoology

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**B.Sc. III (Major) Visit to Stem Cell Culture Laboratory, D.Y. Patil
Education Society, Kolhapur**

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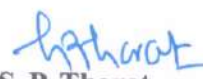
Dr. G. K. Sontakke

Head

Department of Zoology

Vivekanand College Kolhapur

(An Empowered Autonomous Institute)



Dr. S. P. Thorat

I/c Principal

Vivekanand College, Kolhapur

(An Empowered Autonomous Institute) 2



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Vivekanand College, Kolhapur
(An Empowered Autonomous Institute)
Internal Quality Assurance Cell
2025-2026
Quality Initiatives/ Activities Report



- 1. Name of Department:** Zoology
- 2. Name of Organized Activity:** Study Visit of B.Sc. III (Zoology) at INFINITE BIOTECH Institute of Research & Analytics, Sangli
- 3. Date/ Duration:** Thursday, 25/09/2025, 9.45 am onwards
- 4. Aims and Objectives:**

Aim: To provide students with practical exposure to molecular biology techniques, linking theoretical knowledge with laboratory applications in research and industry.

Objectives:

- To introduce students to modern laboratory instruments used in molecular biology and biotechnology.
- To familiarize students with principles, functions, and applications of techniques such as spectrophotometry, ELISA, and microscopy.
- To enhance understanding of the industrial, diagnostic, and research significance of molecular biology.
- To provide hands-on exposure to laboratory practices, including sterilization, aseptic handling, and biomolecule analysis.

5. No. of beneficiaries:

Sr. No.	Teachers (02)		Students (17)		Total
	Male	Female	Male	Female	
1	01	01	05	12	19

6. Expenditure & funding agency: NA

7. Brief description:

The Department of Zoology, Vivekanand College Kolhapur, organized a field visit to the INFINITE BIOTECH Institute of Research & Analytics, Sangli on 25th September 2025 for B.Sc. Part-III students. A total of 17 students and 2 faculty members participated.

At the institute, Mr. Khalate, Director, introduced students to key molecular biology instruments and techniques, including the colorimeter, spectrophotometer, ELISA reader, microscopes, autoclave, laminar airflow cabinet, and centrifuge. Students also observed the

use of laboratory equipment such as hot plates, magnetic stirrers, and pH meters. The session highlighted the applications of molecular biology in research, diagnostics, and biotechnology, providing students with practical exposure and enhancing their technical knowledge.

8. Outcomes:

1. Students gained practical exposure to modern molecular biology instruments and their applications in research and biotechnology.
2. They developed an understanding of laboratory techniques such as sterilization, aseptic handling, ELISA, spectrophotometry, and microscopy.
3. The visit highlighted the academic, industrial, and diagnostic significance of molecular biology, broadening the students' perspective on career and research opportunities.

9. Photos:



10. Signatures of coordinator/ organizer:

Dr. G. K. Sontakke

Head

Department of Zoology

Vivekanand College, Kolhapur

(An Empowered Autonomous Institute)

PERMISSION LETTER

Date: 15/09/2025

To,
The Principal
Vivekanand College, Kolhapur
(An Empowered Autonomous Institute)

Subject: Permission for Organizing Educational Visit to INFINITE BIOTECH Institute of Research & Analytics, Sangli for the students of B.Sc. III

Respected Sir,

With reference to the above subject, the Department of Zoology, Vivekanand College, Kolhapur (An Empowered Autonomous Institute), is arranging an educational visit to the **INFINITE BIOTECH Institute of Research & Analytics, Sangli, Maharashtra** for the students of B.Sc. III on **25th September 2025**.

This visit is a part of the prescribed syllabus and is included in the practical component of B.Sc. III. Therefore, I kindly request you to grant permission to organize this visit.

Thanking you

Yours faithfully,



Dr. G. K. Sontakke
Head

Department of Zoology
Vivekanand College Kolhapur
(An Empowered Autonomous Institute)

दिनांक 15/09/2025



Approved

PR
15/9/25

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Shri Swami Vivekanand Shikshan Sanstha's

Vivekanand College, Kolhapur (An Empowered Autonomous Institute)

Department of Zoology


Academic Year 2025-26

Date: 16/09/2025

NOTICE

All the students of B.Sc. III are hereby informed that the Department of Zoology is going to organize an educational visit to the INFINITE BIOTECH Institute of Research & Analytics, Sangli on Thursday, 25/09/2025 at 10:00 am.

This visit is a part of the syllabus and is included in the practical component. Attendance is compulsory for all students. You are instructed to be present on time.


Dr. G. K. Sontakke
Head
Department of Zoology
Vivekanand College Kolhapur
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Department of Zoology

Academic Year 2025-26

“Student Attendance List for Educational Visit to INFINITE BIOTECH Institute of Research & Analytics, Sangli (25/09/2025) – B.Sc. III (Major), Semester V”

LIST OF STUDENTS

Sr. No.	Roll No.	Name of the Student	Class	Age
1.	8332	Adagale Paras Charudatta	B.Sc-III	22
2.	8333	Mahekar Pruthviraj Tatoba	B.Sc-III	22
3.	8334	Mane Pranoti Prakash	B.Sc-III	21
4.	8335	Mane Sangramsingh Sandip	B.Sc-III	22
5.	8336	Momin Shireen Sajid	B.Sc-III	21
6.	8337	More Sanika Sanjay	B.Sc-III	21
7.	8338	Nadaf Muskan Mohammad Rafiq	B.Sc-III	21
8.	8339	Navale Rutuja Pradeep	B.Sc-III	21
9.	8340	Patil Anushka Rajgonda	B.Sc-III	21
10.	8341	Patil Gouri Vijay	B.Sc-III	21
11.	8342	Patil Madhuri Sanjay	B.Sc-III	21
12.	8343	Patil Sayali Ashok	B.Sc-III	21
13.	8344	Patil Suhani Suraj	B.Sc-III	21
14.	8345	Shirgave Rutuja Bajarang	B.Sc-III	21
15.	8346	Todkar Shravani Sanjay	B.Sc-III	21
16.	8347	Vira Sachin Khot	B.Sc-III	21
17.	8348	Bariya Avinaben Vinodbhai	B.Sc-III	21
18.	8349	Kamble Ketan Keraba	B.Sc-III	21
19.	8350	Kamble Ratndip Rajaram	B.Sc-III	21
20.	8351	Powar Yash Mahadev	B.Sc-III	21
21.	8436	Patil Dhananjay Anandrao	B.Sc-III	21
22.	8461	Chavan sakshi madhav	B.Sc-III	21
23.		Dr. S. S. Desai	Faculty	-
24.		Mr. G. H. Fadake	Faculty	-

Gata

Dr. G. K. Sontakke

Head

Department of Zoology

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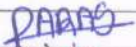
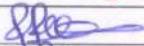

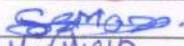







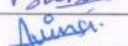

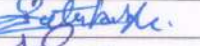

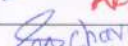

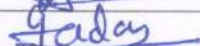

Vivekanand College, Kolhapur (An Empowered Autonomous Institute)

Department of Zoology

Academic Year 2025-26

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3.	8334	Mane Pranoti Prakash	B.Sc-III	21	
4.	8335	Mane Sangramsingh Sandip	B.Sc-III	22	
5.	8336	Momin Shireen Sajid	B.Sc-III	21	Absent
6.	8337	More Sanika Sanjay	B.Sc-III	21	
7.	8338	Nadaf Muskan Mohammad Rafiq	B.Sc-III	21	
8.	8339	Navale Rutuja Pradeep	B.Sc-III	21	
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22.	8461	Chavan sakshi madhav	B.Sc-III	21	
23.		Dr. S. S. Desai	Faculty	-	
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Department of Zoology
Academic Year 2025-26

Study Visit Report: Visit to INFINITE BIOTECH Institute of Research & Analytics, Sangli

As part of the B.Sc. Part-III Zoology curriculum, the Department of Zoology organized an educational field visit to the INFINITE BIOTECH Institute of Research & Analytics, Sangli, on 25th September 2025. The primary objective of the visit was to provide students with practical exposure to molecular biology, with special emphasis on its biological, technical, and economic aspects. A total of 17 students from B.Sc. III, accompanied by faculty members Dr. S. S. Desai and Mr. G. H. Fadake, participated in the program. The journey commenced at 9:45 a.m. from the Central Bus Stand, Kolhapur, by State Transport (ST) bus, and after a travel duration of approximately two hours, the group reached the institute.

At the institute, Mr. Khalate, Director of INFINITE BIOTECH Institute of Research & Analytics, delivered a detailed presentation on laboratory instruments and techniques used in molecular biology. He explained the working principles and applications of various instruments, including the colorimeter and spectrophotometer for quantitative estimation of biomolecules, the ELISA reader and assay kits for immunological studies, and different types of microscopes such as compound, phase-contrast, and inverted microscopes for cellular and structural analysis. The students also observed the use of equipment such as hot plates, magnetic stirrers, and pH meters, which are essential for reagent preparation and biochemical assays. Advanced instruments such as the autoclave for sterilization, laminar airflow cabinets for aseptic culture handling, and centrifuges for the separation of biomolecules and cell fractions were also demonstrated.

Beyond the technical demonstrations, Mr. Khalate emphasized the significance of molecular biology in research, diagnostics, and industrial biotechnology. The visit provided the students with valuable hands-on exposure to modern laboratory facilities and greatly enhanced their understanding of the practical applications of molecular biology in both academic research and industrial contexts.



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Department of Zoology
Academic Year 2025-26

Date: 25/09/2025

**Study Visit- B.Sc. III (Major) Visit to INFINITE BIOTECH
Institute of Research & Analytics, Sangli**



Gita

Dr. G. K. Sontakke

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