

“Dissemination of Education for Knowledge, Science and Culture”

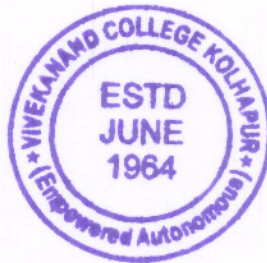
-Shikshanmaharshi Dr. Bapuji Salunkhe

Shri Swami Vivekanand Shikshan Sanstha's

**Vivekanand College, Kolhapur**  
**(An Empowered Autonomous Institute)**  
**Department of Zoology**  
**Academic year: 2025-26**

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**B.Sc. III (Major) Study Visit**  
**Stem Cell Culture Laboratory**  
**D. Y. Patil Education Society, Kolhapur**  
**(Date-20/09/2025)**



**Academic Year: 2025- 2026**


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**B.Sc. III (Major) Study 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 (Major) at Stem Cell Culture Laboratory, D. Y. Patil Education Society Deemed to be University, Kolhapur

3. **Date/ Duration:** Saturday 20/09/2025, 11.00 am onwards

4. **Aims and Objectives:**

**Aim:** To visit the Stem Cell Culture Laboratory and gain comprehensive knowledge about stem cell culture techniques.

**Objectives:**

1. To understand the fundamentals of stem cell culture and its significance in biological research.
2. To gain hands-on knowledge of various techniques involved in culturing stem cells.
3. To observe and study the specialized equipment used in a stem cell culture laboratory.
4. To explore the current research trends and future opportunities in the field of stem cell culture and biotechnology.

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:**

An educational visit to the Stem Cell Culture Laboratory at D. Y. Patil Education Society (Deemed to be University), Kadamwadi, Kolhapur, was organized by the Department of Zoology, Vivekanand College, Kolhapur, as part of the B.Sc. III Zoology curriculum. A total of 17 students and two faculty members, Dr. S. S. Desai and Mr. G. H. Fadake, participated. The visit, aligned with Animal Biotechnology practical course, aimed to provide hands-on exposure to advanced laboratory techniques. Students explored various research facilities including the Stem Cell Culture, Animal Cell Culture, Nanotechnology, Nanobiotechnology,

Microbial Biotechnology, and Tissue Engineering Laboratories. They received insights into stem cell types, culturing methods, and applications in regenerative medicine. Experts conducted interactive sessions and live demonstrations, enhancing students' practical understanding.

The visit successfully bridged theoretical learning with real-world applications, fostering greater interest in biotechnology. It was conducted with permission from Principal Dr. R. R. Kumbhar and under the guidance of Dr. G. K. Sontakke, Head of the Zoology Department.

**8. Outcomes:**

1. Students gained hands-on knowledge of stem cell culturing techniques, equipment handling, and laboratory safety protocols.
2. The visit helped students connect classroom concepts with real-life applications in biomedical research and regenerative medicine.
3. Interaction with experts and observation of ongoing research activities motivated students to pursue higher studies or careers in cell biology, biotechnology, and related fields.

**9. Photos:**



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

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

## Permission Letter

Department of Zoology

Date: 10/09/2025

To,

The Principal

Vivekanand College, Kolhapur

(An Empowered Autonomous Institute)

**Subject:** Permission for Organizing a Visit to the Stem Cell Culture Laboratory, D. Y. Patil Education Society Deemed to be University, Kolhapur for B.Sc. III Students

**Respected Sir,**


With reference to the above subject, the Department of Zoology is planning to organize an educational visit to the Stem Cell Culture Laboratory of D. Y. Patil College, Kolhapur for the B.Sc. III students on Saturday, 20<sup>th</sup> September 2025. This visit is an integral part of the B.Sc. III Zoology curriculum, as included in the practical syllabus. We believe this hands-on experience will greatly enhance the students' understanding of stem cell research and its applications. We kindly request you to grant us the necessary permission to conduct this educational visit.

Thanking you.

**Enclosure:**

- List of Participating Students and Faculty Members

Yours faithfully,



**Dr. G. K. Sontakke**

**Head**

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

Allowed

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10-9-2025

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Shri Swami Vivekanand Shikshan Sanstha's

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

**Department of Zoology**

**Academic Year: 2025 -26**

**List of B.Sc. III Students & Faculty**

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

*Gita*

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

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



Shri Swami Vivekanand Shikshan Sanstha's  
**VIVEKANAND COLLEGE, KOLHAPUR** (EMPOWERED AUTONOMOUS)

2130, 'E' Tarabai Park, Kolhapur, Tal. Karveer, Dist. Kolhapur -416003

Affiliated to Shivaji University, Kolhapur (M.S.)

NAAC Reaccredited : "A" (CGPA3.24)

College with Potential for Excellence by U.G.C., New Delhi

"Star College" by D.B.T Govt. of India

ISO 9001 : 2015



Ph. : 0231-2658612 | Fax : 0231-2658840 | Resi.: 0231-2653962 | Website :www.vivekanandcollege.ac.in | E-mail :info@vivekanandcollege.org

Founder Dr. Bapuji Salunkhe D.Lit.	President Hon. Chandrakant Dada Patil MLA	Chairman Prin. Abhaykumar Salunkhe M.A.	Secretary Prin.Mrs. Shubhangi Gawade M.Sc.,B.Ed.	Principal Dr. R. R. Kumbhar M.Sc.,M.Phil.,Ph.D.
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Ref. No. VCK/ 1293/2025-26

Date : 10/9/2025

To,

The Dean,

Centre for Interdisciplinary Research,

D. Y. Patil Education Society Deemed to be University,

Kadam Wadi, Kolhapur

**Subject:** Request for Permission to Visit the Stem Cell Culture Laboratory

**Respected Sir/Madam,**

With reference to the above subject, the Department of Zoology, Vivekanand College, Kolhapur (An Empowered Autonomous Institute), intends to organize an educational visit to the Stem Cell Culture Laboratory of your esteemed institute on Saturday, 20<sup>th</sup> September 2025. The purpose of this visit is to enhance the understanding of stem cells and their culture techniques, which forms a vital component of the B.Sc. III Zoology curriculum. As part of interactive and experiential learning, such educational visits offer students invaluable exposure to real laboratory environments and help bridge the gap between theoretical knowledge and practical application. A group of 22 students from B.Sc. III, accompanied by faculty members, will be participating in the visit. We kindly request you to grant us permission and make the necessary arrangements for this visit in the concerned department.

We are confident that this visit will provide our students with valuable insights into current research and practical methodologies in the field of stem cell biology.

Thanking you.

Yours faithfully,

*Received  
Dr. R. R. Kumbhar*

*R. R. Kumbhar*  
Dr. R. R. Kumbhar  
Principal  
Vivekanand College, Kolhapur  
(An Empowered Autonomous Institute)

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**Vivekanand College, Kolhapur (An Empowered Autonomous Institute)**  
**Department of Zoology**  
**Academic Year: 2025-26**

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**Date: 10/09/2025**

**NOTICE**

All the students of B. Sc. II (Major) are hereby informed that Department of Zoology, Vivekanand College, Kolhapur (An Empowered Autonomous Institute) has organized a visit at Stem Cell Culture Laboratory, D. Y. Patil College, Kolhapur on Saturday, 20<sup>th</sup> September 2025. This visit is a part of the curriculum, and attendance is compulsory for all students. The visit is important as it forms an essential part of the practical syllabus and will provide valuable learning experiences related to the understanding of stem cell research and its applications.



**Dr. G. K. Sontakke**  
**Head**  
Department of Zoology  
Vivekanand College Kolhapur  
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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: 20/09/2025

**Attendance of Study Visit Stem Cell Culture Laboratory, D. Y. Patil Education Society, Kolhapur**

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

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

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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: 20/09/2025

Study Visit- Stem Cell Culture Laboratory, D. Y. Patil Education Society, Kolhapur



Kolhapur, Maharashtra, India  
Bhimnagar Housing Society, P763-318, Kadamwadi Rd, Laxminarayan Nagar, Kadamwadi, Kolhapur, Maharashtra 416003, India  
Lat 16.710224° Long 74.254797°  
20/09/2025 11:35 AM GMT +05:30



Kolhapur, Maharashtra, India  
Dr. D. Y. Patil Hospital, Kadamwadi - Jadhavwadi Rd, Laxminarayan Nagar, Kadamwadi, Kolhapur, Maharashtra 416003, India  
Lat 16.714319° Long 74.256979°  
20/09/2025 02:16 PM GMT +05:30



Kolhapur, Maharashtra, India  
P774-9fx, Laxminarayan Nagar, Kadamwadi, Kolhapur, Maharashtra 416003, India  
Lat 16.7134° Long 74.256258°  
20/09/2025 01:02 PM GMT +05:30



Kolhapur, Maharashtra, India  
P774-9fx, Laxminarayan Nagar, Kadamwadi, Kolhapur, Maharashtra 416003, India  
Lat 16.713624° Long 74.256279°  
20/09/2025 01:23 PM GMT +05:30



Kolhapur, Maharashtra, India  
P774-9fx, Laxminarayan Nagar, Kadamwadi, Kolhapur, Maharashtra 416003, India  
Lat 16.713428° Long 74.256164°  
20/09/2025 01:16 PM GMT +05:30



*Guta*  
Dr. G. K. Sontakke  
Head

Department of Zoology  
Vivekanand College Kolhapur  
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**Vivekanand College, Kolhapur**

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**Department of Zoology**

**Academic Year 2025-26**

**Study Visit Report: Stem Cell Culture Laboratory, D. Y. Patil Education Society  
Kolhapur**

As a part of the academic curriculum for B.Sc. III Zoology, the Department of Zoology, Vivekanand College, Kolhapur organized an educational visit to the Stem Cell Culture Laboratory, D. Y. Patil Education Society Deemed to be University, Kadamwadi, Kolhapur. The visit aimed to provide students with hands-on exposure to advanced laboratory techniques and practical applications of theoretical concepts. 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 visit on the scheduled day.

The group arrived at the venue at 10:30 a.m., where they were warmly welcomed by Dr. Arpita Pandey Tiwari and guided through several departments and laboratories, including Animal Cell Culture Laboratory, Nanotechnology Laboratory, Nanobiotechnology Laboratory, Microbial Biotechnology Laboratory, Tissue Engineering Laboratory. The visit commenced with an enlightening lecture by Dr. Shivaji Kaashte, who explained the fundamentals of stem cell culture, its techniques, current research, and therapeutic applications. He also discussed the wide scope of career opportunities in the fields of regenerative medicine and biomedical research.

Students observed key instruments and techniques such as RT-PCR, ELISA, CO<sub>2</sub> Incubators, Fluorescent Microscopes, and Laminar Air Flow Cabinets, among others. Dr. Rajani from D. Y. Patil College further shared insights into ongoing student research projects, interdisciplinary innovations, and patents granted for their work, encouraging students to pursue careers in this evolving field.

The visit was organized with prior approval from Principal Dr. R. R. Kumbhar and under the guidance of Dr. G. K. Sontakke, Head, Department of Zoology. This educational experience provided students with valuable exposure to real-world applications of stem cell technologies, enriching their academic understanding and inspiring future exploration in biotechnology and biomedical sciences.

**Dr. G. K. Sontakke**

Head

Department of Zoology

Vivekanand College Kolhapur

(An Empowered Autonomous Institute)