

"Dissemination of Education for Knowledge, Science and Culture"

-Shikshanmaharshi Dr. Bapuji Salunkhe

Shri Swami Vivekanand Shikshan Sanstha's

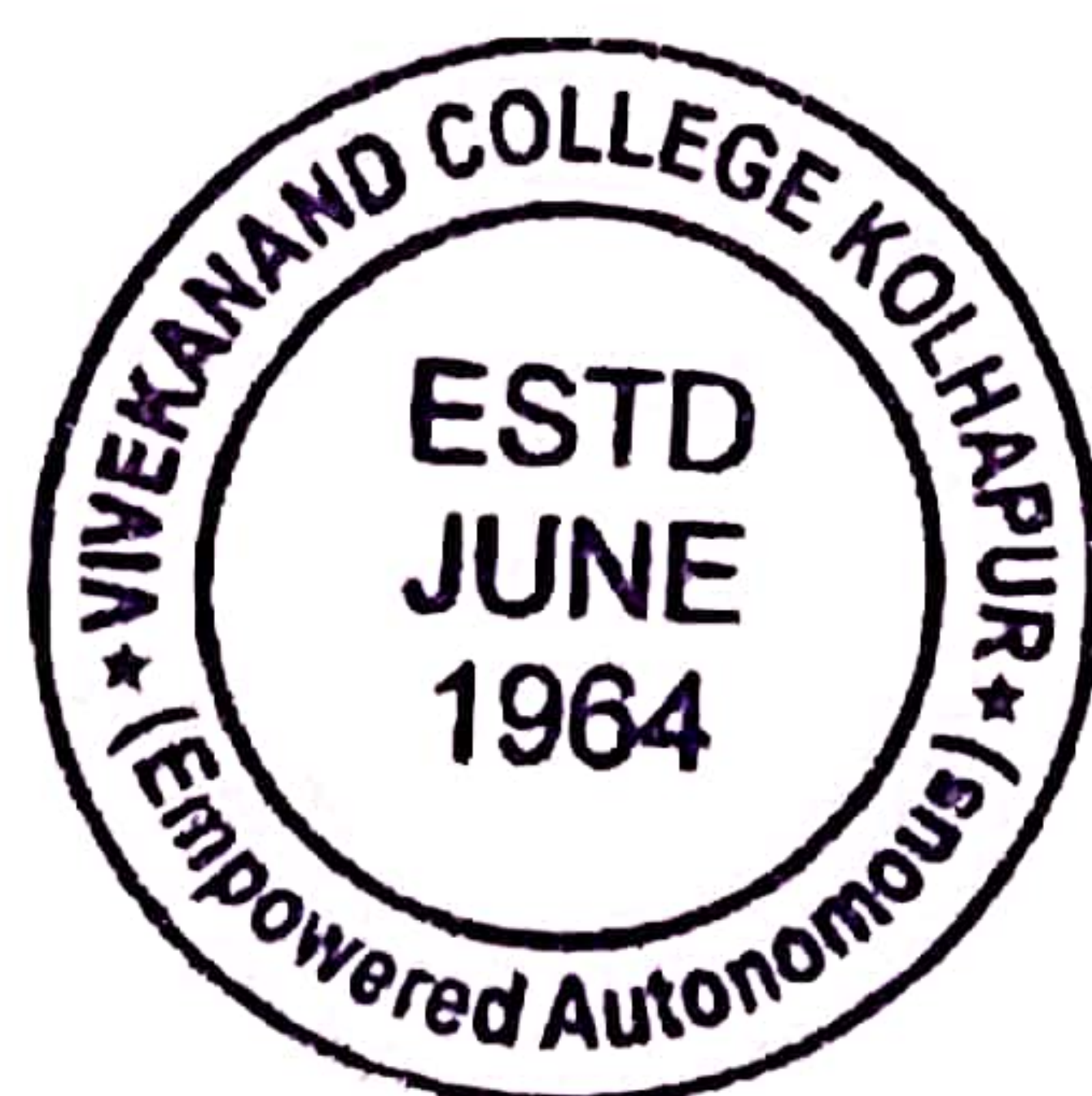
**Vivekanand College, Kolhapur**

**(An Empowered Autonomous Institute)**

**Department of Zoology**

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**B. Sc. III- Visit to Stem Cell Culture Laboratory,  
D. Y. Patil Education Society Kolhapur,  
(06/01/2025)**



**Academic Year 2024-25**



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

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**B. Sc. III- Visit to Stem Cell Culture Laboratory**

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**Dr. G. K. Sontakke**

**HEAD**

**DEPARTMENT OF ZOOLOGY**  
**VIVEKANAND COLLEGE, KOLHAPUR**  
**(AN EMPOWERED AUTONOMOUS)**





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**Vivekanand College, Kolhapur**  
(An Empowered Autonomous Institute)  
**Internal Quality Assurance Cell**  
**2024-25**

**Quality Initiatives/ Activities Report**



1. **Name of Department:** ZOOLOGY
2. **Name of Organized Activity:** Visit to Stem cell culture Laboratory D. Y. Patil Education Society Deemed to be University, Kadam Wadi, Kolhapur.
3. **Date/ Duration:** 06/01/2025, 10.30 onwards
4. **Aims and Objectives:**  
**Aim:** To visit stem cell culture Laboratory and study the stem cell culture techniques.  
**Objectives:**
  1. To understand the stem cell culture
  2. To acquire knowledge about the different techniques used in stem cell culture
  3. To study the equipment's used in stem cell culture laboratory
  4. To understand the research opportunities in stem cell culture

5. **No. of beneficiaries:**

Sr. No	No. of Beneficiaries		Total
	Male	Female	
1	03	17	20

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

7. **Brief Description:**

The Visit to Stem cell culture Laboratory D. Y. Patil, Education Society Deemed to be University, Kadam Wadi, Kolhapur was organized by the Department of Zoology for students of B. Sc. III as it is an essential part of the academic curriculum of B. Sc. III included in Molecular Biology and animal Biotechnology paper. The total 18 students and 2 faculties participated in this visit; students visited to different departments such as Animal cell culture laboratory, Nano technology laboratory, Nanobiotechnology laboratory, Microbial biotechnology laboratory, Tissue engineering laboratory etc. where students acquired knowledge about the stem cell culture, techniques and equipment's used in the stem cell culture. This visit conducted with permission of Principal Dr. R. R. Kumbhar and under the Guidance of Dr. G. K. Sontakke, Head, Department of Zoology Vivekanand College, Kolhapur (An Empowered Autonomous Institute).



### 8. Outcomes: (After completing the activity)

1. Students should acquire knowledge about stem cell
2. Students should obtain the information about the techniques used in stem cell culture
3. Students should inspire to acquire the research opportunities in stem cell culture.

### 9. Photos:



**Visit to Stem cell culture Laboratory D. Y. Patil Education Society  
Kadam Wadi, Kolhapur**

### 10. Signatures of coordinator/ organizer:

**Dr. G. K. Sontakke**

**HEAD**

**DEPARTMENT OF ZOOLOGY  
VIVEKANAND COLLEGE, KOLHAPUR  
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## PERMISSION LETTER

Date: 02/01/2025

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

**Subject:** Regarding the permission for organising visit to the Stem Cell Culture Laboratory of D. Y. Patil College, Kolhapur for the students of B. Sc. III

Respected Sir,

With reference to above subject, Department of Zoology Vivekanand College, Kolhapur (An Empowered Autonomous Institute) is going to arrange the visit to the **Stem Cell Culture Laboratory of D. Y. Patil College, Kolhapur** for the students of B. Sc. III on 6<sup>th</sup> January 2025. This visit is part of syllabus which included in practical of B. Sc. III. For that kindly requesting you to grant permission

Thanking you.

**Enclosure:**

List of students and Faculty


Yours faithfully,




Dr. G. K. Sontakke

**HEAD**  
DEPARTMENT OF ZOOLOGY  
VIVEKANAND COLLEGE, KOLHAPUR  
(EMPOWERED AUTONOMOUS)

सिद्धान्त मिक

  
3-1-2025

  
3-1-2025





**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



(अधिकारप्रदत्त स्वायत्त)  
कोल्हापूर

Ph. : 0231-2658612 Fax : 0231-2658840 Resl. : 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/ 2102/2024-25

Date : 3/1/2025

To,  
The Dean,  
Centre for Interdisciplinary Research,  
D. Y. Patil Education Society Deemed to be University,  
Kadam Wadi, Kolhapur.

**Subject:** Regarding the permission to visit Stem Cell Culture Lab.

**Respected Sir/ Madam,**

With reference to above mentioned subject, we wish to arrange the visit to Stem Cell Culture Lab of your institute on Monday, 6<sup>th</sup> January 2025 to acquire knowledge about Stem cells and their culture. It is an essential part of the academic curriculum of B. Sc. III. Being a part of interactive learning, such educational visits give students major exposure to real working environments along with a practical perspective of a theoretical concept relevant to their domain. We believe that our students will get relevant knowledge during this visit.

A group of 19 students from B. Sc. III and faculty members intend to participated in this visit, so that please allow us to conduct a visit to your Stem Cell Culture laboratory and kindly make arrangements for visit in the relevant department.

Thanking you.

Yours faithfully,

  
Dr. R. R. Kumbhar

**PRINCIPAL**  
**VIVEKANAND COLLEGE, KOLHAPUR**  
**(EMPOWERED AUTONOMOUS)**

Received,  
Office,  
Dr. R. R. Kumbhar



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Shri Swami Vivekanand Shikshan Sanstha's  
**Vivekanand College, Kolhapur (An Empowered Autonomous Institute)**  
**Department of Zoology**  
**Academic Year 2024-25**

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**Date: 02/01/2025**

**NOTICE**

All the students of B. Sc. III hereby informed that Department of Zoology is going to organise visit to the **Stem Cell Culture Laboratory of D. Y. Patil College, Kolhapur** on **Monday, 06/01/2025** at 10. 00 am. The visit is compulsory to all. Be present on time



**Dr. G. K. Sontakke**

**HEAD**

DEPARTMENT OF ZOOLOGY  
VIVEKANAND COLLEGE, KOLHAPUR  
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Vivekanand College, Kolhapur (An Empowered Autonomous Institute)

Department of Zoology

Academic Year- 2024-25

**B. Sc. III**

**Student and faculty List for Visit**

Sr. No.	Roll No.	Student Name
1	8341	Abrange Vaishnavi Vinod
2	8342	Chougule Shraddha Shivaji
3	8343	Dindayal Prabodhini Raju
4	8344	Jadhav Suyash Kuber
5	8345	Kamble Rutuja Vishal
6	8346	Katkar Siddhi Sanjay
7	8347	Kukade Priyanka Sandeep
8	8348	Mansuri Sahida Allauddin
9	8349	Mishra Shambhavi Mukesh Kumar
10	8350	Mitake Komal Anil
11	8351	Mulla Mahamadkaif Shahanul
12	8352	Nayakavadi Ashiya Riyaj
13	8353	Patil Pradnya Rajendra
14	8354	Raje Shruti Sudarshan
15	8355	Rathod Sonali Ramesh
16	8356	Sayyad Afroja Aslam
17	8357	Shaikh Ayesha Aslam
18	8358	Singh Priya Gopal
19	8359	Ustad Rifat Nasirkhan
20.	Faculty	Dr. S.S. Desai
21.	Faculty	Mr. G.H. Fadake

**Dr. G. K. Sontakke**

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Vivekanand College, Kolhapur (An Empowered Autonomous Institute)

Department of Zoology

Academic Year- 2024-25

**B. Sc. III**

**Student and faculty List for Stem cell Laboratory Visit**

Sr. No.	Roll No.	Student Name	Signature
1	8341	Abrange Vaishnavi Vinod	V.V. Abrange
2	8342	Chougule Shraddha Shivaji	Shraddha
3	8343	Dindayal Prabodhini Raju	P.R. Dindayal
4	8344	Jadhav Suyash Kuber	SJK
5	8345	Kamble Rutuja Vishal	R. Kamble
6	8346	Katkar Siddhi Sanjay	S. Katkar
7	8347	Kukade Priyanka Sandeep	PK
8	8348	Mansuri Sahida Allauddin	M. Sahida
9	8349	Mishra Shambhavi Mukesh Kumar	Shambhavi
10	8350	Mitake Komal Anil	KAM
11	8351	Mulla Mahamadkaif Shahanul	Mulla
12	8352	Nayakavadi Ashiya Riyaj	AB
13	8353	Patil Pradnya Rajendra	P. Patil
14	8354	Raje Shruti Sudarshan	S. Raje
15	8355	Rathod Sonali Ramesh	Rathod
16	8356	Sayyad Afroja Aslam	Sayyad
17	8357	Shaikh Ayesha Aslam	A. Shaikh
18	8358	Singh Priya Gopal	P. Singh
19	8359	Ustad Rifat Nasirkhan	Ustad
20	Faculty	Dr. S. S. Desai	S. Desai
21	Faculty	Mr. G. H. Fadake	G. Fadake

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

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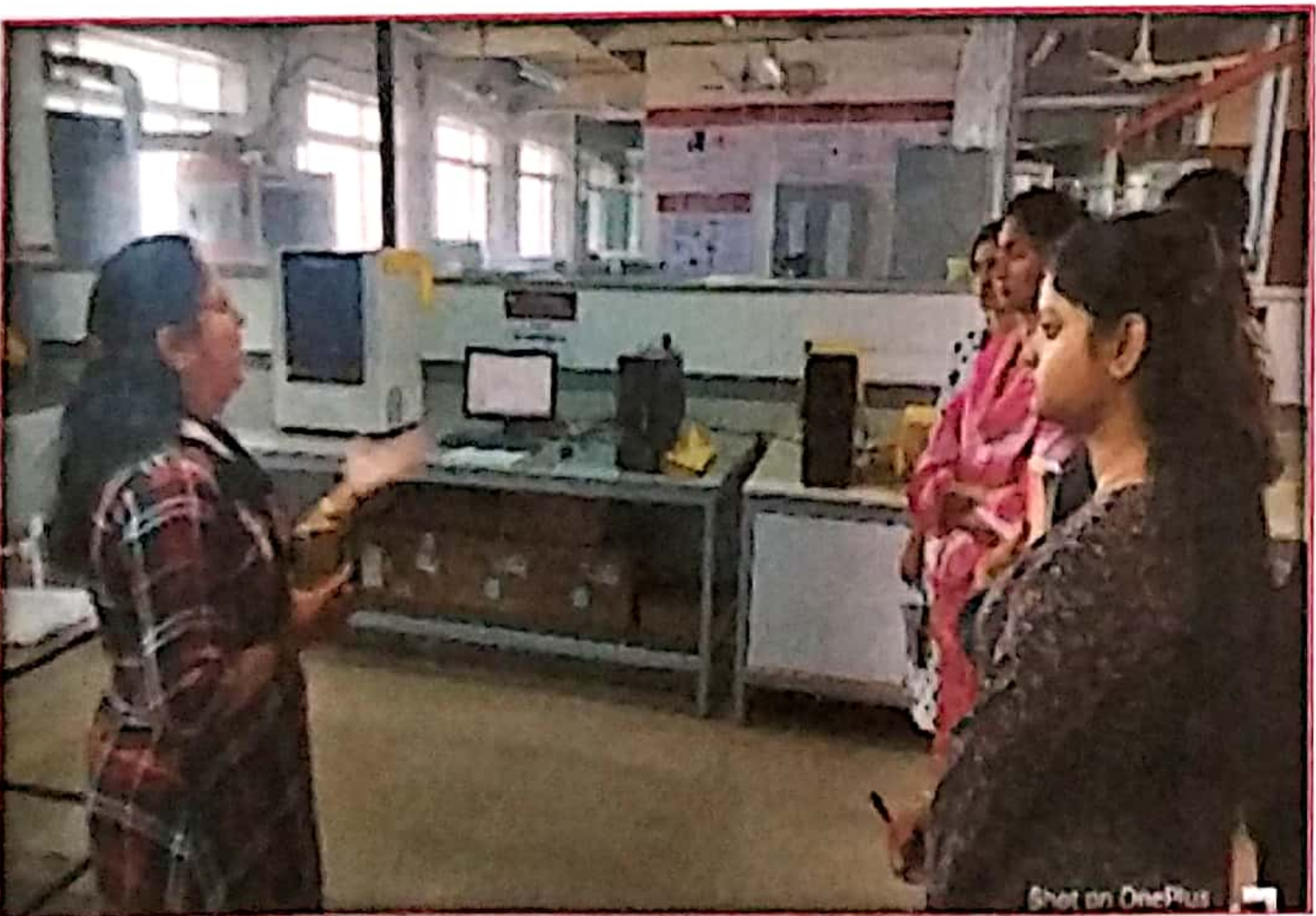
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Vivekanand College, Kolhapur (An Empowered Autonomous Institute)


Department of Zoology

Academic Year 2024-25

PHOTOPLATE

Stem Cell Culture Laboratory D. Y. Patil Education Society (06/01/2025)



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



**REPORT****Stem Cell Culture Laboratory D. Y. Patil Education Society (06/01/2025)**

Department of Zoology, Vivekanand College Kolhapur (An Empowered Autonomous Institute) has organised a visit to Stem cell culture laboratory D. Y. Patil, Education Society Deemed to be University, Kadam Wadi, Kolhapur for the students of B. Sc. III as it is an essential part of the academic curriculum of B. Sc. III included in Molecular Biology and animal Biotechnology paper. Study visits are part of interactive learning which gives students major exposure to real working environments along with a practical perspective of a theoretical concept relevant to their field.

Stem cell culture is the process of growing stem cells in a laboratory setting to study their properties and potential uses. The stem cell culture laboratory of D. Y. Patil, Education Society was established in 2011. Which offer a specialized programme on M. Sc.in Stem cell and Regenerative Medicine. The total 18 students and 2 faculties of Zoology department participated in this visit, students reached at 10.30 am at the location where they visited different departments such as Animal cell culture laboratory, Nano technology laboratory, Nanobiotechnology laboratory, Microbial biotechnology laboratory, Tissue engineering laboratory etc.

The Dr. Shivaji Kaashte, delivered the lecture about the stem cell culture, techniques, research approaches, therapeutic applications of stem cell to students also explained the various areas where stem cell culture used and various job opportunities in stem cultures. The other faculty members of D. Y. Patil college provided information about instruments such as RT-PCR, ELISA, Laminar air Flow, they also explained about research performed by their students they also explained about the patents received by them. After this visit students acquired the information about the stem cells and they also inspired to study the stem cell and stem cell culture techniques. This visit conducted with permission of Principal Dr. R. R. Kumbhar and under the Guidance of Dr. G. K. Sontakke, Head, Department of Zoology Vivekanand College, Kolhapur (An Empowered Autonomous Institute).


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

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