



"Education for Knowledge, Science and Culture"
-Shikshannmaharshi Dr. Bapuji Salunkhe

VIVEKANAND COLLEGE, KOLHAPUR
(EMPOWERED AUTONOMOUS)
INTERNAL QUALITY ASSURANCE CELL
2025-26



Criteria V- Activities Report

1. **Name of Department:-** Biotechnology-Optional
2. **Name of Organized Activity:-** Guest lecture by Guest Speaker :- Ms. Mrunal D. Ulape (**Research Scholar D.Y. Patil Medical College, Kolhapur**)
3. **Date/ Duration:-** 24/03/2025
4. **Aims and Objectives:-** 1. To ensure different types of cloning vectors 2. To allow easy selection of transformed cells using markers. 3. To provide sites (restriction sites) for insertion of DNA. 4. To help in genetic engineering, research, and biotechnology application
5. **No. of beneficiaries:-** 28 Students & 4 Staff Members
- 6 **Expenditure & funding agency:-** Nill

7 Brief Description:- Cloning vectors are DNA molecules, such as plasmids or bacteriophages, used to carry and replicate foreign DNA inside a host cell. They contain essential features like an origin of replication, selectable markers, and restriction sites, which help in inserting and multiplying the desired gene for research and biotechnology purposes.

8 Outcomes:-

This Event helps students in:

1. Students understood the concept and importance of cloning vectors.
2. Students identified different types of cloning vectors (plasmids, bacteriophages, etc.)
3. Students learned the essential features of cloning vectors.
4. Students gained knowledge about the role of vectors in gene cloning.
5. Students developed understanding of applications in biotechnology and research.

9.Photos:-

**Shri Swami Vivekanand Shikshan Sanstha's
Vivekanand College, Kolhapur (An Empowered Autonomous Institute)
Department of Biotechnology Optional**

Notice

Date: 18/03/2025

All students from **B.Sc I ,II Biotechnology (Optional)** their will be Guest Lecture On /03/2026 in molecular biology at 11.30 AM on Topic " Cloning vectors ".The attendance is compulsory for all as it is a part of Academics. So kindly attend the lecture.

**Dr.S.B.Mulla
Head of Department**

To,

Ms. Mrunal Sachin Patil

Research Scholar

D.Y. Patil Medical College

Kadam wadi Kolhapur

Subject: Invitation for guest lecture

Respected Sir,

It gives us immense pleasure to invite you as a Guest Lecturer for the B.Sc. II Biotechnology (Optional) students of Vivekanand College, Kolhapur (An Empowered Autonomous Institute). We would be highly honoured if you could deliver a lecture on the topic **"Cloning Vectors"** on **24th March 2026 at 11:30 AM** in the department of Biotechnology Optional.

The objective of this session is to provide students with a comprehensive understanding of cloning vectors, their types, characteristics, and applications in genetic engineering and modern biotechnology. Your expertise and valuable insights will greatly help students strengthen their conceptual knowledge and develop interest in advanced research areas.

We sincerely hope that you will accept this invitation and enlighten our students with your guidance and experience.



HEAD
DEPARTMENT OF BIOTECHNOLOGY (OPTIONAL)
VIVEKANAND COLLEGE, KOLHAPUR
(EMPOWERED AUTONOMOUS)

**Shri Swami Vivekanand Shikshan Sanstha's
Vivekanand College, Kolhapur (An Empowered Autonomous Institute)
Department of Biotechnology Optional**

24/3/2026

PROGRAMME SHEDULE

**Guest lecture on
Cloning Vectors**

**Inauguration and
Welcome**

Resource Person	Ms. Mrunal Sachin Patil Research Scholar D.Y.Patil University Kolhapur
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Introduction of Guest	Ms. S.S. Jitakar
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Vote of thanks	Ms. D.A. Wajantri
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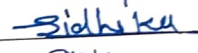
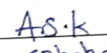
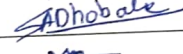
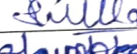
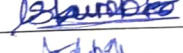
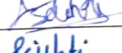
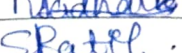
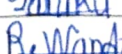
Vivekanand College, Kolhapur
(An empowered autonomous institute)
Department of biotechnology optional
Guest lecture attendance

Topic name- Cloning Vectors

Time - 11:30 AM.

Date and day- 24/03/2026

Name of Guest lecturer- Ms. N. Unal Sachin Patil

S.N.	Name of student	Signature
1	Usha Mallappa Kumbhar	
2	Sidhika Sachin chougule	
3	Madalasa Rukmangot Kumbhar	
4	Anshu shivaji kureane	
5	Shruti Amit Dhobale	
6	Mokshada Bhagavat Kamble	
7	Chaitrali Yuvraj Patil.	
8	Madhusima Vijay Patil.	
9	Shrinidhi Abhinand Parawalkar	
10	Sadaf Sameer Tulla	
11	Gauri Suresh Kumbhar	
12	Aditi S. Salunkhe	
13	Srishti S. Patil	
14	Vaidehi A. Patil	
15	Chhavi F. Yadav	
16	Rajlaxmi R. Suryawanshi	
17	Aditi P. Patil	
18	Mariya J. Ichalkarnikar	
19	Pavan S. Damgat	
20	Vinit R. Nannavare	
21	Pradnya Rasal	
22	Neha Kolpe	
23	Nipun Jadhav.	
24	Samsuddhi Patil.	
25	Sanika Methe.	
26	Sanika Patil.	
27	Rutuja Wandre.	

