

College Recog.No. H.S.C./1074/R-1/DT: 8-8-1976
College Code No. 23-09-002
College U.Dise No. 27341301006



"ज्ञान, विज्ञान आणि सुसंस्कार यांसाठी शिक्षण प्रसार"
-शिक्षणमहर्षी डॉ. बापूजी साहूखे

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

2130, 'E' Tarabai Park, Kolhapur, Tal. Karveer, Dist. Kolhapur -416003
Affiliated to Shivaji University, Kolhapur (M.S.)
NAAC Reaccredited : "A+" (CGPA3.29)
College with Potential for Excellence by U.G.C., New Delhi
"Star College" by D.B.T Govt. of India
ISO 9001 : 2015

ESTD. June 1964
AISHE Code : C-11059
DTE Code : 18125



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

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D.Lit.

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MLA

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M.Sc., B.Ed.

Incharge. Principal
Prof.(Dr.) Sanjay Thorat
M.Sc., M.Phil., Ph.D.

Ref. No. VCK/2244/25-26

Date : 16/12/2020

To

Ms Pallavi C Wakrekar

Dept. of Biotechnology

Y. C. I. S.

Satara

Assistant professor department of Biotechnology
Y. C. I. S. Satara.

Dear professor on the occasion of National science Day we cordially invite you to deliver a guest lecture on Data Analysis using Python & Biopython in Research at department of biotechnology Vivekananda College Kolhapur on 28 February 2026 your expertise in biotechnology would greatly benefit our students and faculty

The lecture will be followed by question-and-answer session

Date: 18/12/2026

Time: 12.30.

Venue dept of Biotech VCK



We look forward to your presence

Best Regards

Dr. C.B. Patil
Principal
Vivekanand College, Kolhapur
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Ref. No. VCK/2744/25-26

Date : 16/12/2026

To

Ms Pallavi c Wakrekar

Dept of Biotechnology

V. C. I. S.

Satara

We Sincerely thank you for delivering an insightful guest lecture
"Data Analysis using Python & Biopython in Biological Research" at dept of biotechnology
Vivekanand college Kolhapur your expertise and engaging presentation greatly benefited our
students and faculty

Your lecture on was highly appreciated and the question-and-answer session was
very interactive we are grateful for your time and willingness to share your knowledge

Thank you again for contributing to our academic community



Best Regards

Dr.C.B.Patil

I/c Principal

Vivekanand College, Kolhapur
(An Empowered Autonomous Institute)



"Education for knowledge, Science and Culture"
- Shikshinmaharshi Dr. Bapuji Salunkhe

VIVEKANAND COLLEGE, KOLHAPUR
(AN EMPOWERED AUTONOMOUS INSTITUTE)
INTERNAL QUALITY ASSURANCE CELL

2025-26



Activities Report

1. **Name of Department:** - Biotechnology-Entire.
2. **Name of Organized Activity:** Guest lecture on topic "Data Analysis using python and bio-python in biological research." for the students of UG and PG Biotechnology.
3. **Activity organized by:** Department of Biotechnology (UG & PG)
4. **Date/ Duration:** 18/02/2026
5. **Aims and Objectives:**
 1. To introduce python/bio-python basics for biological data analysis.
 2. To demonstrate sequence analysis and database parsing.
 3. To bridge wet- lab research with computational bioinformatics.
 4. To provide insights into handling large biological databases and performing statistical data analysis.
6. **No. of beneficiaries:** 37 Students & Staff Members.
7. **Expenditure & funding agency:** VCK Office
8. **Brief description:** The department held a session on the role of programming in modern biology. The expert demonstrated Python's utility in managing large datasets and used Bio Python for sequence alignment and genomic data retrieval. The session focused on automating research workflows and using data visualization to interpret experimental results.
9. **Outcomes:** The activity helped students to:
 1. Understand the basic syntax of python and its relevance to bioinformatics.
 2. Utilize bio python modules to automate repetitive biological data tasks.
 3. Gain proficiency in managing and analysing large- scale genomic and proteomic datasets.
 4. Apply computational tool to solve complex biological problems in their academic projects and future research.



Head of Department
DEPARTMENT OF BIOTECHNOLOGY (ENTIRE)
VIVEKANAND COLLEGE, KOLHAPUR
(EMPOWERED AUTONOMOUS)

Principal
Vivekanand College, Kolhapur
(An Empowered Autonomous Institute)



GPS Map Camera

Kolhapur, Maharashtra, India
2130, E Ward, Tarabai Park, Kolhapur, Maharashtra 416003, India
Lat 16.714413° Long 74.238357°
Wednesday, 18/02/2026 12:23 PM GMT +05:30

"Education for Knowledge, Science and Culture"

-Dr. Bapuji Salunkhe

Vivekanand College, Kolhapur
PG-Department of Biotechnology

Organizes a guest Lecture on

"Use of Python and Bio python for Data analysis in Biological Research"

Attendance Sheet

Sr No.	Name of Student	Class	Signature
1.	Samsudhi Sanjay Mahind	MSC-I	<i>Samsudhi</i>
2.	Triveni Purnellik Bijje	MSC-I	<i>Bijje</i>
3.	Eshwari Pansu Pol	MSC I	<i>Pol</i>
4.	Vaishnavi Vilas Patil	MSC-II	<i>Vpatil</i>
5.	Pranjal. Parashuram. Lohar	MSC-II	<i>Pranjal</i>
6.	Ankita Shrikant More	MSC-II	<i>More</i>
7.	Sanika Sambhaji Jadhav	MSC-I	<i>Sanika</i>
8.	Shambhavi Dhananjay Joshi	Msc-I	<i>Shambhavi</i>
9.	Priyanka Sandeep Kukade	MSC-I	<i>Priyanka</i>
10.	Priya Gopal Singh	Msc-I	<i>Priya</i>
11.	Sohida Altaudelin Mansuri	MSc-I	<i>Sohida</i>
12.	Ankita Rajendra Thombare	M.Sc. II	<i>ATD</i>
13.	Neha Krushnat Kadam	M.Sc. II	<i>Neha</i>
14.	Manisha Prabhakar Awale	M.Sc. II	<i>Manisha</i>
15.	Suraj. S. Kadam	Msc II	<i>Suraj</i>
16.	Ajay. M. Chougute	MSc II	<i>Ajay</i>
17.	Tankaj S. Zirange	MSc II	<i>Tankaj</i>
18.	Pratik. A. Patil	MSc II	<i>Pratik</i>
19.	Dharmraj. Kamble	MSc I	<i>Dharmraj</i>
20.	Omkar Santosh Thekare	MSc I	<i>Omkar</i>
21.	Yukta Narsinh Rathod	MSc 3	<i>Yukta</i>
22.	Shrutika Anant Bawadekar	MSc I	<i>Shrutika</i>
23.	Pratiksha Dattatray Patil	MSc I	<i>Pratiksha</i>

