

**“Dissemination of Education for Knowledge, Science and Culture”**

**-Shikshanmahrshi Dr. Bapuji Salunkhe**

**Shri Swami Vivekanand Shikshan Sanstha's**

**VIVEKANAND COLLEGE, KOLHAPUR**  
**(AN EMPOWEREDAUTONOMOUS INSTITUTE)**

**Department of Microbiology (PG)**

**Academic year 2025-2026**

**STUDENTS SEMINAR**

**MSc- I Sem-II**



**Academic Year 2025-2026**

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**STUDENTS SEMINAR**

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**Vivekanand College, Kolhapur**  
(An Empowered Autonomous Institute)  
**Internal Quality Assurance Cell**  
2025-26

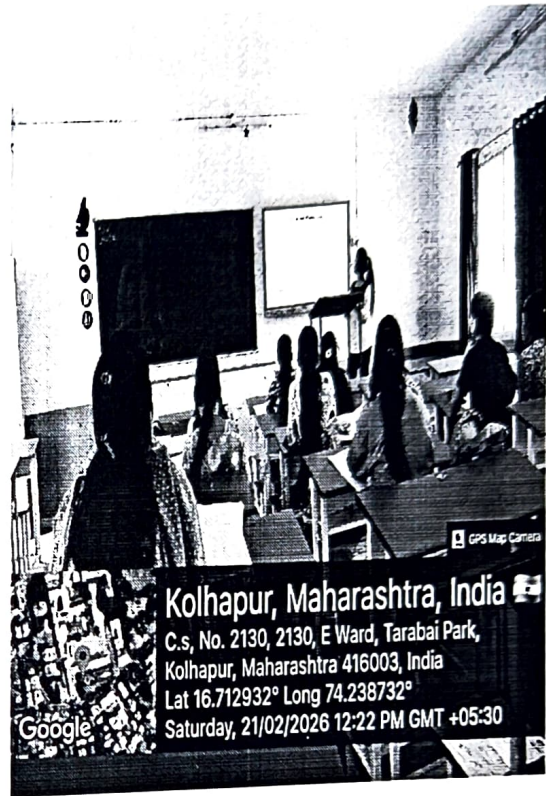


### Quality Initiatives/ Activities Report

1. **Name of Department:** Microbiology (PG)
2. **Name of Organized Activity:** Students seminar
3. **Date:** 21/02/2026
4. **Aims and Objectives:**
  - To provide an opportunity for students to gain knowledge and skills through interactive activities.
  - To improve verbal communication
  - To boost confidence of students
  - To improve presentation skill in students
5. **No. of beneficiaries:** 21 (Male 02, Female 19)
6. **Expenditure & funding agency:** Nil
7. **Brief description:** Total 21 students from M. Sc. I (Sem-II) Microbiology, had delivered the seminars through power point presentation. Total 10 minutes were given to each student for presentation where they have explained in detail their topic. The presentation is followed by 2 minutes discussion session where experts has analyzed students knowledge on that specific topic. All the topics were selected from their syllabus covering major areas such as techniques in microbiology, medical microbiology and microbial physiology, biochemistry and metabolism.
8. **Outcomes:** The students seminar provided a valuable platform for academic interaction and knowledge sharing. Students actively presented their topics, demonstrating improved understanding of core concepts and recent developments in their subject areas. The seminar enhanced their communication, presentation and critical thinking skills while encouraging confidence in public speaking. It also promoted collaborative learning, as students engaged in meaningful discussion, asked questions and exchangeable ideas. Overall, the seminar helped strengthen their research orientation and analytical abilities for advanced academic work.



9. Photos:



*Dr. K. K. Bhise*

**Dr. K. K. Bhise**

(Activity Co-ordinator)

*Dr. T. C. Gaupale*

**Dr. T. C. Gaupale**

I/C Head

**Department of Microbiology  
Vivekanand College, Kolhapur  
(Empowered Autonomous)**

*Dr. S. P. Thorat*

**Dr. S. P. Thorat**

I/c Principal

**Vivekanand College, Kolhapur  
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**NOTICE**

**Date- 16/02/2026**

All students of M. Sc-I (semester II) are hereby informed that Department of Microbiology has decided to conduct seminars using power point presentation on 21<sup>st</sup> February 2026 in Microbiology Department (Room no. 415). All Students should bring their seminar synopsis and power point presentation on the allotted topics. There will not be repeated seminars for absent students.

Enclosure: List of students and allotted topics

<b>Date</b>	<b>Roll no.</b>
21/02/2026	5401 to 5423

  
**Dr. T. C. Gaupale**  
**I/C Head**  
**Department of Microbiology**  
**Vivekanand College, Kolhapur**  
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**List of Seminar Topics - MSc-I Sem-II**

**Date- 21<sup>st</sup> February 2026**

**Time- 11:00 am to 4:30 pm**

Sr. No.	Student Name	Topic Name
1.	Bhosale Vedika Sudhir	Drug metabolism
2.	Gholap Satyajit Vikas	IR Raman spectrophotometry
3.	Hajare Aishwarya Ganesh	Collection and transport of clinical specimen
4.	Jadhav Aishwarya Dushyant	Disease caused by influenzas
5.	Jadhav Janhvi Jaywantrao	Bacterial disease caused by <i>Mycobacterium tuberculosis</i>
6.	Jadhav Sanika Shahaji	De novo biosynthesis of nucleotides
7.	Kachare Ishwari Pradeep	Catabolism of amino acids
8.	Kachre Sanika Dhananjay	Isolation and cultivation of anaerobes
9.	Kadam Pratik Shashikant	Capillary electrophoresis
10.	Kamat Sanskruti Santosh	Disease caused by Encephalitis virus
11.	Khavare Anuradha Suresh	Primary and secondary transport
12.	Khot Vaishnavi Jitendra	Bio signaling in bacteria
13.	Mali Prachi Sanjay	Bacterial disease caused by <i>Rickettsia</i>
14.	Mujawar Aabida Altaf	Special microbial metabolites and their role in healthcare
15.	Parit Sakshi Santosh	Cell disruption methods
16.	Patil Prajakta Krushna	Principle, working and applications of fluorescent microscope
17.	Patil Sayali Shivaji	Photophosphorylation
18.	Pawar Tejaswini Popat	Bacterial disease caused by <i>Streptococcus mutans</i>
19.	Shewale Prithviraj Subhash	Pathology of AIDS and prevalence of tuberculosis
20.	Shinde Jyoti Sandip	Attribute of microorganisms that enable them to cause disease
21.	Sutar Jayshri Krushnat	Ion exchange chromatography
22.	Vitekari Shubham Dhanchandra	Principle, working & application of phase contrast microscope
23.	Wadkar Samrudhi Dhanaji	Bacterial disease caused by <i>Leptospira</i>



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Seminar Attendance - MSc-I Sem-II

Date: 21<sup>st</sup> February 2026

Sr. No.	Student Name	Roll No.	Sign
1.	Bhosale Vedika Sudhir	5401	
2.	Gholap Satyajit Vikas	5402	Ab
3.	Hajare Aishwarya Ganesh	5403	AJ Hajare
4.	Jadhav Aishwarya Dushyant	5404	Ab
5.	Jadhav Janhvi Jaywantrao	5405	
6.	Jadhav Sanika Shahaji	5406	Sanika
7.	Kachare Ishwari Pradeep	5407	
8.	Kachre Sanika Dhananjay	5408	S.P. Kachare
9.	Kadam Pratik Shashikant	5409	
10.	Kamat Sanskruti Santosh	5410	
11.	Khavare Anuradha Suresh	5411	
12.	Khot Vaishnavi Jitendra	5412	
13.	Mali Prachi Sanjay	5413	
14.	Mujawar Aabida Altaf	5414	
15.	Parit Sakshi Santosh	5415	S. Parit
16.	Patil Prajakta Krushna	5416	Prajakta
17.	Patil Sayali Shivaji	5417	
18.	Pawar Tejaswini Popat	5419	
19.	Shewale Prithviraj Subhash	5420	
20.	Shinde Jyoti Sandip	5421	
21.	Sutar Jayshri Krushnat	5422	
22.	Vitekari Shubham Dhanchandra	5423	
23.	Wadkar Samrudhi Dhanaji	5424	



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**Seminar Marks- MSc-I Sem-II**

Date: 21<sup>st</sup> February 2026

Sr No.	Student Name	Roll No.	Marks (out of 20)
1.	Bhosale Vedika Sudhir	5401	10
2.	Gholap Satyajit Vikas	5402	Ab
3.	Hajare Aishwarya Ganesh	5403	06
4.	Jadhav Aishwarya Dushyant	5404	Ab
5.	Jadhav Janhvi Jaywantrao	5405	06
6.	Jadhav Sanika Shahaji	5406	05
7.	Kachare Ishwari Pradeep	5407	10
8.	Kachre Sanika Dhananjay	5408	09
9.	Kadam Pratik Shashikant	5409	05
10.	Kamat Sanskruti Santosh	5410	07
11.	Khavare Anuradha Suresh	5411	06
12.	Khot Vaishnavi Jitendra	5412	08
13.	Mali Prachi Sanjay	5413	06
14.	Mujawar Aabida Altaf	5414	10
15.	Parit Sakshi Santosh	5415	08
16.	Patil Prajakta Krushna	5416	08
17.	Patil Sayali Shivaji	5417	07
18.	Pawar Tejaswini Popat	5419	06
19.	Shewale Prithviraj Subhash	5420	07
20.	Shinde Jyoti Sandip	5421	06
21.	Sutar Jayshri Krushnat	5422	06
22.	Vitekari Shubham Dhanchandra	5423	05
23.	Wadkar Samrudhi Dhanaji	5424	10

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SEMINARS-MSc-I Sem-II

21/02/2026



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## **Synopsis**

Date: 20/02/2026

- **Name of the student:** Samrudhi Dhanaji Wadkar
- **Class:** MSc- I
- **Seminar topic:** Bacterial disease caused by *Leptospira*
- **Seminar contents:**
  - 1) Discovery
  - 2) Morphology
  - 3) Cultural Characters
  - 4) Resistance
  - 5) Antigenic properties
  - 6) Classification
  - 7) Pathogenesis
  - 8) Laboratory diagnosis
  - 9) Prophylaxis
  - 10) Treatment
- **References:** Ananthanarayan & Paniker's (Textbook of Microbiology)



  
Student sign