

“Dissemination of Education for Knowledge, Science and Culture”

-Shikshanmahrshi Dr. Bapuji Salunkhe

Shri Swami Vivekanand Shikshan Sanstha's

VIVEKANAND COLLEGE, KOLHAPUR
(AN EMPOWERED AUTONOMOUS INSTITUTE)

Department of Microbiology (PG)

Academic year 2024-2025

STUDENTS SEMINAR

MSc-I Sem-II



Academic Year 2024-2025

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Department of Microbiology PG

Academic year 2024-2025

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STUDENTS SEMINAR

MSc-I Sem-II

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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:** Microbiology (PG)
2. **Name of Organized Activity:** Students seminar
3. **Date:** 06/03/2025 to 07/03/2025
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:** 34 (Male 07, Female 27)
6. **Expenditure & funding agency:** Nil
7. **Brief description:** Total 34 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 have analyzed students knowledge on that specific topic. All the topics were selected from their syllabus covering major areas such as techniques in microbiology, microbial physiology, biochemistry and metabolism and medical microbiology.
8. **Outcomes:** Each topic was addressed by students in the different field offering their knowledge that can be applied in research. This seminar activity aims to provide students with broad rang of skill and knowledge to support their overall development. Students demonstrated improved ability to deliver clear, engaging and well structured presentation. The presentation showed deeper understanding of various topics, reflecting thorough topic research and preparation. Furthermore, students engaged audience through discussion session indicating their improved ability to handle feedback and discussion. Students exhibited greater confidence and professionalism in their delivery, contributing to a more impactful presentation experience.

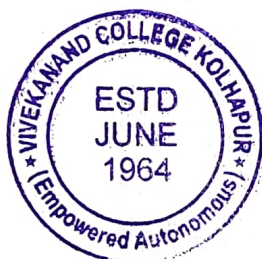
9. Photos:



Seminars for M.Sc I Sem II , 06/03/25-07/03/2025

10. Signatures of coordinator/ organizer

Dr. K. K. Bhise
Dr. K. K. Bhise



Dr. Jaypals
HC HEAD
DEPARTMENT OF MICROBIOLOGY
VIVEKANAND COLLEGE, KOLHAPUR
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Vivekanand College, Kolhapur (An Empowered Autonomous Institute)

PG Department of Microbiology

Academic Year 2024-25

NOTICE

Date- 12/02/2025

All students of M. Sc-I (semester II) are hereby informed that Department of Microbiology has decided to conduct seminars (power point presentation) on 6th and 7th March 2025 in Microbiology Department (Room no. 415). All Students should bring their seminar synopsis and power point presentation on the allotted topics.

Enclosure: List of students and allotted topics

Date	Roll no.
06/03/2025	5401 to 5418
07/03/2025	5419 to 5436



Dr. T. C. Gaupale
Dr. T. C. Gaupale
VC HEAD
DEPARTMENT OF MICROBIOLOGY
VIVEKANAND COLLEGE, KOLHAPUR
(EMPOWERED AUTONOMOUS)

Shri Swami Vivekanand Shikshan Sanstha's

Vivekanand College, Kolhapur (An Empowered Autonomous Institute)
Department of Microbiology (PG)
M. Sc. I Semester II (2024-2025)

List of Seminar Topics

Date: 6th and 7th March 2025

Sr. No.	Name of Student	Roll No.	Topic Name
1	Angaj Aishwarya Maruti	5401	Pathology of AIDS and prevalence of tuberculosis
2	Balekundri Dhanashri Raju	5402	Drug metabolism
3	Bhinge Revati Gajanan	5403	Capillary electrophoresis
4	Bhosale Rasika Sanjay	5404	Shuttle system in mitochondria
5	Bhosale Sharayu Pradeep	5405	Systematic mycosis
6	Chandala Vaishnavi Vivek	5406	De novo biosynthesis of nucleotides
7	Chavan Sanika Sagar	5407	Principle, working and application of phase contrast microscope
8	Chavan Sharvari Subhash	5408	Primary and secondary transport
9	Chavan Vaishnavi Vijay	5409	Osmosis
10	Gurav Atharva Ramdas	5410	IR Raman spectrophotometry
11	Ghodasara Sakshi Pankaj	5411	Cell disruption methods
12	Hande Pallavi Ravindra	5412	Principle, working and applications of fluorescent microscope
13	Kalamkar Asavari Anil	5413	Bacterial disease caused by Rickettsia
14	Kandalkar Namrata Anil	5414	Bio signaling in bacteria
15	Kesarkar Prachi Chandrakant	5415	Collection and transport of clinical specimen
16	Koli Sakshi Deepak	5416	Protein chemistry
17	Malavi Rahul Gautam	5417	Polarizing microscope
18	Mane Yash Sanjay	5418	Bacterial disease caused by <i>Streptococcus mutans</i>
19	Mulani Samina Firoj	5419	Mass spectroscopy
20	Mulla Sanovar Salim	5420	Isolation and cultivation of anaerobes
21	Mullani Aasma Aameer	5421	-
22	Padaval Damini Mohan	5422	Ion exchange chromatography
23	Pardeshi Shrutika Manik	5423	Density gradient centrifugation
24	Patil Bhushan Dhanaji	5424	-
25	Patil Samruddhi Bhanudas	5425	Bacterial disease caused by <i>Mycobacterium tuberculosis</i>
26	Patil Samruddhi Sudhir	5426	Catabolism of amino acids
27	Pawar Galaxy Sunil	5427	Special microbial metabolites and their role in healthcare
28	Powar Rushita Dinkar	5428	Pathogen survival mechanism
29	Sankpal Sourabh Rajaram	5429	Preservation of microorganisms
30	Sawant Rohan Ravindra	5430	Attribute of microorganisms that enable them to cause disease
31	SurgaliShreeshailMallappa	5431	Disease caused by influenzas
32	Tangade Priti Anil	5432	Photophosphorylation
33	Thorbole Sanika Prakash	5433	Bacterial disease caused by <i>Leptospira</i>
34	Yadav Kalyani Dipak	5434	Polyacrylamide gel electrophoresis

Name of faculty:

Dr. K. K. Bhise




Shri Swami Vivekanand Shikshan Sanstha's
Vivekanand College, Kolhapur (An Empowered Autonomous Institute)
PG Department of Microbiology
M. Sc. I Semester II (2024-2025)

Attendance of students

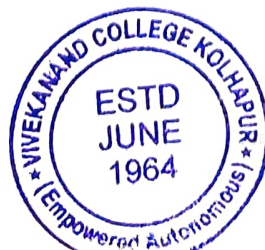
Date- 06 and 07 March 2025
Time- 11.00am - 4.30pm

Sr. No.	Name of Student	Roll No.	Sign	
			06/03/2025	07/03/2025
1	Angaj Aishwarya Maruti	5401	<i>Angaj</i>	<i>Angaj</i>
2	Balekundri Dhanashri Raju	5402	<i>IRB</i>	<i>IRB</i>
3	Bhinge Revati Gajanan	5403	<i>RG Bhinge</i>	<i>RG Bhinge</i>
4	Bhosale Rasika Sanjay	5404	<i>P Bhosale</i>	<i>P Bhosale</i>
5	Bhosale Sharayu Pradeep	5405	<i>S Bhosale</i>	<i>S Bhosale</i>
6	Chandala Vaishnavi Vivek	5406	<i>V Chandala</i>	<i>V Chandala</i>
7	Chavan Sanika Sagar	5407	<i>S Chavan</i>	<i>S Chavan</i>
8	Chavan Sharvari Subhash	5408	<i>S Chavan</i>	<i>S Chavan</i>
9	Chavan Vaishnavi Vijay	5409	<i>V Chavan</i>	<i>V Chavan</i>
10	Gurav Atharva Ramdas	5410	<i>A Gurav</i>	<i>A Gurav</i>
11	Ghodasara Sakshi Pankaj	5411	<i>S Ghodasara</i>	<i>S Ghodasara</i>
12	Hande Pallavi Ravindra	5412	<i>P Hande</i>	<i>P Hande</i>
13	Kalamkar Asavari Anil	5413	<i>A Kalamkar</i>	<i>A Kalamkar</i>
14	Kandalkar Namrata Anil	5414	<i>N Kandalkar</i>	<i>N Kandalkar</i>
15	Kesarkar Prachi Chandrakant	5415	<i>P Kesarkar</i>	<i>P Kesarkar</i>
16	Koli Sakshi Deepak	5416	<i>S Koli</i>	<i>S Koli</i>
17	Malavi Rahul Gautam	5417	<i>R Malavi</i>	<i>R Malavi</i>
18	Mane Yash Sanjay	5418	<i>Y Mane</i>	<i>Y Mane</i>
19	Mulani Samina Firoj	5419	<i>S Mulani</i>	<i>S Mulani</i>
20	Mulla Sanovar Salim	5420	<i>S Mulla</i>	<i>S Mulla</i>
21	Mullani Aasma Aameer	5421	<i>AB</i>	<i>AB</i>
22	Padaval Damini Mohan	5422	<i>D Padaval</i>	<i>D Padaval</i>
23	Pardeshi Shrutika Manik	5423	<i>S Pardeshi</i>	<i>S Pardeshi</i>
24	Patil Bhushan Dhanaji	5424	<i>AB</i>	<i>AB</i>
25	Patil Samruddhi Bhanudas	5425	<i>S Patil</i>	<i>S Patil</i>
26	Patil Samruddhi Sudhir	5426	<i>S Patil</i>	<i>S Patil</i>
27	Pawar Galaxy Sunil	5427	<i>P Pawar</i>	<i>P Pawar</i>
28	Powar Rushita Dinkar	5428	<i>R Powar</i>	<i>R Powar</i>
29	Sankpal Sourabh Rajaram	5429	<i>S Sankpal</i>	<i>S Sankpal</i>
30	Sawant Rohan Ravindra	5430	<i>R Sawant</i>	<i>R Sawant</i>
31	Surgali Shreeshail Mallappa	5431	<i>S Surgali</i>	<i>S Surgali</i>
32	Tangade Priti Anil	5432	<i>P Tangade</i>	<i>P Tangade</i>
33	Thorbole Sanika Prakash	5433	<i>S Thorbole</i>	<i>S Thorbole</i>
34	Yadav Kalyani Dipak	5434	<i>D Yadav</i>	<i>D Yadav</i>

Name of faculty:

Dr. K. K. Bhise

(Signature)



(Signature)
IC HEAD
DEPARTMENT OF MICROBIOLOGY
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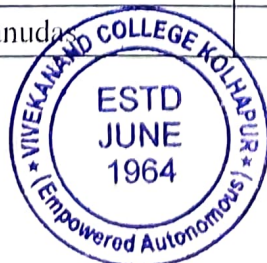
VIVEKANAND COLLEGE, KOLHAPUR
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Department of Microbiology (PG)
Seminars of M.Sc. I Sem II (2024-25)

Seminar Marks

Date- 06 and 07 March 2025

Sr. No.	Student Name	Roll No.	Marks
1	Angaj Aishwarya Maruti	5401	8
2	Balekundri Dhanashri Raju	5402	9
3	Bhinge Revati Gajanan	5403	9
5	Bhosale Rasika Sanjay	5404	7
4	Bhosale Sharayu Pradeep	5405	7
6	Chandala Vaishnavi Vivek	5406	9
7	Chavan Sanika Sagar	5407	10
9	Chavan Sharvari Subhash	5408	7
8	Chavan Vaishnavi Vijay	5409	9
10	Gurav Atharva Ramdas	5410	10
11	Ghodashara Sakshi Pankaj	5411	7
12	Hande Pallavi Ravindra	5412	10
13	Kalamkar Asavari Anil	5413	10
14	Kandalkar Namrata Anil	5414	9
15	Kesarkar Prachi Chandrakant	5415	7
16	Koli Sakshi Deepak	5416	9
17	Malavi Rahul Gautam	5417	7
18	Mane Yash Sanjay	5418	7
19	Mulani Samina Firoj	5419	9
20	Mulla Sanovar Salim	5420	9
21	Mullani Aasma Aameer	5421	Ab
22	Padaval Damini Mohan	5422	9
23	Pardeshi Shrutika Manik	5423	9
24	Patil Bhushan Dhanaji	5424	Ab
28	Patil Samruddhi Bhanuda	5425	7



25	Patil Samruddhi Sudhir	5426	8
26	Pawar Galaxy Sunil	5427	8
27	Powar Rushita Dinkar	5428	10
29	Sankpal Sourabh Rajaram	5429	7
30	Sawant Rohan Ravindra	5430	7
31	SurgaliShrees hailMallappa	5431	7
32	Tangade Priti Anil	5432	10
33	Thorbole Sanika Prakash	5433	10
34	Yadav Kalyani Dipak	5434	10





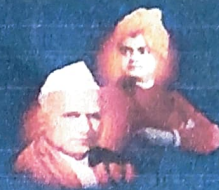
“ज्ञान, विज्ञान आणि सुसंस्कार यांसाठी शिक्षण प्रसार” - शिवाजी महाराज

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SYNOPSIS

Name of student : kalyani dipak yadav

Class : MSC 1 sem II

Seminar topic :

Polyacrylamide gel electrophoresis

Seminar contents :

1. Electrophoresis
2. Polyacrylamide gel electrophoresis
3. Procedure
4. Types of polyacrylamide gel electrophoresis
5. Application

References : Tools and Techniques in Biology by Umaiyal Munusamy

Basic Laboratory Methods for Biotechnology 3rd Edition

<https://www.technologynetworks.com/Polyacrylamide>

Technology Networks <https://www.technologynetworks.com/Polyacrylamide> Gel Electrophoresis,



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Academic Year 2024-2025

SEMINARS-MSc-I Sem-II

06/03/2025 to 07/03/2025

