

"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 Microbiology

Academic Year 2025-2026

Remedial Coaching Programme

2025-26





“Dissemination of Education for Knowledge, Science and Culture”
-Shikshah Maharshi Dr. Bapuji Salunkhe

Vivekanand College, Kolhapur (An Empowered Autonomous Institute)

Internal Quality Assurance Cell

2025-2026



Quality Initiatives/ Activities Report

1. **Name of Department:** Department of Microbiology

2. **Name of Organized Activity:** ‘Remedial Coaching Programme’ for slow learners

3. **Date/ Duration:** 19 January 2026 to 31 January 2026

4. **Aims and Objectives:** The Remedial Coaching Programme was organized with the primary aim of supporting slow learners in strengthening their understanding of core concepts in Microbiology. The programme was designed to enhance academic performance and build confidence among students requiring additional guidance.

The specific objectives of the programme were:

- To identify students who needed additional academic support.
- To clarify fundamental concepts in Microbiology through focused teaching.
- To provide individualized attention and doubt-clearing sessions.
- To enhance examination preparedness and overall academic confidence.

5. **No. of beneficiaries:** Total-19 Male-05 Female-14

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

7. **Brief description:** From 19 January 2026 to 31 January 2026, the Department of Microbiology organized a Remedial Coaching Programme for the academic year 2025–2026. A total of 19 students from B.Sc. I Microbiology who had secured B+ grade and received ATKT remarks, were selected for this programme.

The lecture series was conducted for one week based on students’ academic needs. Daily lectures were arranged from 1:10 p.m. to 2:00 p.m. During the sessions, special emphasis was given to improving students’ learning ability and strengthening their fundamental concepts in Microbiology.

Student assessment was done through conducting test before and after remedial coaching to evaluate their conceptual clarity and progress. The lectures were conducted by Ms. V. V. Misal, Ms. M.M. Nadkarni, Ms. S. S. Shaikh, Ms. P. P. Patil, under the guidance of Head of

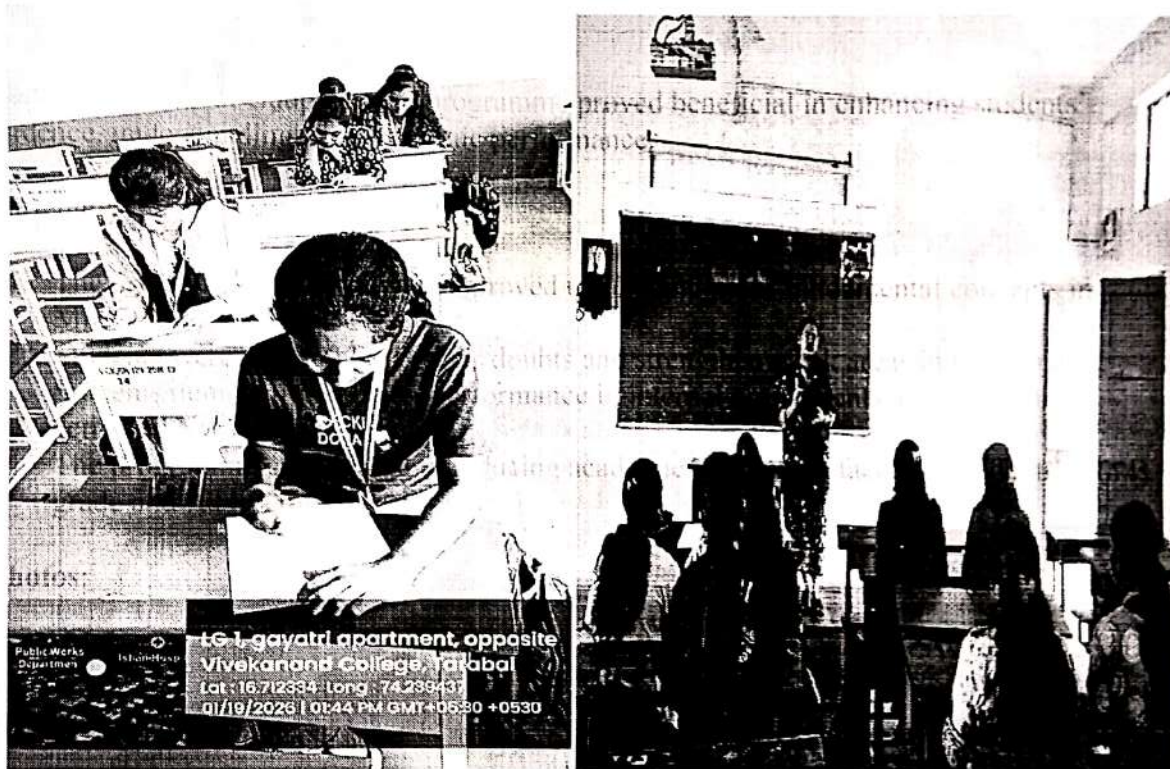


Department, Dr. T. C. Gaupale. The programme proved beneficial in enhancing students' confidence, understanding, and academic performance.

8. Outcomes:

1. The selected students showed improved understanding of fundamental concepts in Microbiology.
2. Students were able to clarify their doubts and strengthen weak areas in the subject.
3. Students demonstrated better performance in internal assessments and academic activities.
4. The programme contributed to reducing academic difficulties faced by students with B+ grade and ATKT remarks.

9. Photos:



Remedial Coaching Programme for slow learners and assessment through test

Ms. S. S. Shaikh

Dr. T. C. Gaupale
I/C Head

Department of Microbiology
Vivekanand College, Kolhapur
(Empowered Autonomous)

Dr. S. P. Thorat
I/c Principal

Vivekanand College, Kolhapur
(An Empowered Autonomous Institute)

Shri Swami Vivekanand Shikshan Sanstha's
Vivekanand College, Kolhapur (An Empowered Autonomous Institute)
Department Of Microbiology
Remedial Coaching
Academic Year 2025-2026

Date -12/01/2026

Notice

All students of BSc-I Microbiology are hereby informed that department of Microbiology has organized Remedial coaching for slow learners, to improve their educational quality and also to improve the academic performance.

The coaching will be from 19/01/2026 to 31/01/2026. The lectures will be held from 1:10 pm to 2:00 pm in department of Microbiology from Monday to Thursday. The students mentioned in the list given below should join their classes on time. Attendance is compulsory to all.



Sr. no	Name of the student	Roll no.
1.	Abane Gayatri Kumar	7499
2.	Anantpure Shreya Balkrishna	7501
3.	Gondhali Tanvi Pandit	7511
4.	Gotal Vaishnavi Prakash	7512
5.	Hargule Sanskar Ranjeet	7513
6.	Jadhav Pragati Shamrao	7515
7.	Kamble Aniruddh Vinod	7516
8.	Kumbhar Harshvardhan Hemant	7524
9.	Lohar Chaitrali Maruti	7528
10.	Mane Shrutika Netaji	7530
11.	Minekar Bhavesh Mahesh	7532
12.	Pathan Juveriya Muddasar	7539
13.	Patil Rutuja Sanjay	7549
14.	Patil Tanuja Ranjitsinh	7551
15.	Patil Aditya Yuvraj	7553

16.	Shinde Apeksha Janardan	7560
17.	Shitole Shrushti Sandeep	7561
18.	Kamble Pradnya Tukaram	7602
19.	Patil Himangi Shivaji	7607

Gaupale

Dr. T. C. Gaupale
I/C Head

Department of Microbiology
Vivekanand College, Kolhapur
(Empowered Autonomous)



03
10

Seat No. 7551

Name: Tanuja Ranjitsinh Patil

Vivekanand College, Kolhapur (An Empowered Autonomous)

B.Sc. Part- I (Microbiology) (Sem-I) Internal Examination: October-2025

Paper II Bacteriology (DSC03MIC12)

Date : 15/10/2025

Time-: 12:00 am – 1:30pm

Day : Wednesday Total Marks: 10

Q.1] Multiple Choice Questions.

10 marks

1. _____ is an example of acidic stain.

- a) Crystal Violet b) Basic fuchsin
 c) India ink d) Methylene blue

a

2. Primary Image is _____.

- a) real & inverted b) virtual & inverted
 c) real & erect d) virtual & erect

a

3. The 40 X objective working with 10X ocular lens will give _____ X total magnification.

- a) 40 b) 400
 c) 4000 d) 40,000

d

4. The refractive index of cedar wood oil is _____.

- a) 1.4 b) 1.5
 c) 1.0 d) 1.2

c

5. The lens present near to the eye of observer is called _____.

- a) objective lens b) eyepiece lens
 c) condenser d) revolving nose piece.

b

6. In _____ process the growth of pathogenic micro-organisms is prevented inside the living tissue.

- a) antiseptis b) disinfection
 c) sterilization d) microbiostasis

d

7. Hot air oven uses _____ heat for sterilization.

- a) moist b) dry
 c) wet d) none of the above

b



8. _____ is a waste treatment process that involves combustion of organic substances contained in a waste.

- a) Desiccation ~~b) Tyndallization~~
c) Burning d) Incineration

b

9. Autoclave is operated at _____ ° C for 15 lbs for 1 minute.

- ~~a) 121~~ b) 112
~~b) 120~~ d) 151

a

10. Gamma radiations for sterilization can be obtained from radioactive substance like _____.

- a) Cobalt ₆₀ b) Carbon ₁₄
~~c) Sodium ₂₄~~ d) Iodine ₁₃₁

c



04
10

Seat No.

7551

Name:

Tanuja Ranjitsinh Patil

Vivekanand College, Kolhapur (An Empowered Autonomous)

B.Sc. Part- I (Microbiology) (Sem-I) Internal Examination: October-2025

Paper I Introduction to Microbiology (DSC03MIC11)

Date : 15/10/2025

Time-: 12:00 am – 1:30pm

Day : Wednesday

Total Marks: 10

Q.1] Multiple Choice Questions.

10 marks

1. Small pox vaccine was invented by _____

a) Edward Jenner

b) Louis Pasteur

c) Robert Koch de

d) Joseph Lister

a

2. The process of pasteurization was discovered by _____

a) Edward Jenner

b) Robert Hooke

c) Robert Koch

d) Louis Pasteur

d

3. _____ is absent in procaryotic cells

a) cell wall

b) cell membrane

c) nuclear membrane

d) Ribosome

c

4. _____ supported spontaneous generation theory

a) Van Helmont

b) Francesco Redi

c) Louis Joblot

d) Lazzaro Spallanzani

c

5. 1 micrometer or micron is _____ mm.

a) 10^{-1}

b) 10^{-2}

c) 10^{-3}

d) 10^{-6}

d

6. _____ genera of bacterial lack rigid cell wall.

a) Rickettsia

b) Mycoplasma

c) Chlamydia

d) Bacillus

b

7. Largest known bacterium is _____.

a) *Mycobacterium leprae*

b) *Thiomargarita namibiensis*

c) *Epulopiscium fishelsoni*

d) *Clostridium perfringens*

d



8. Sarcinae divide in _____ planes.

a) 1

c) 3

~~b) 2~~

d) 4

b

9. Glycogen granules are _____.

~~a) Basophilic~~

c) Acidophilic

b) Sudanophilic

d) Iodophilic

a

10. Louis Pasteur disproved spontaneous generation theory by designing a _____.

~~a) conical flask~~

c) Swan neck flask

b) beaker

d) round bottom flask

a



8. Sarcinae divide in _____ planes.

a) 1

b) 2

c) 3

d) 4

b

9. Glycogen granules are _____.

a) Basophilic

b) Sudanophilic

c) Acidophilic

d) Iodophilic

a

10. Louis Pasteur disproved spontaneous generation theory by designing a _____.

a) conical flask

b) beaker

c) Swan neck flask

d) round bottom flask

b.



04
10

Seat No. 453/37

Name: Rutuja Sanjay Patil

Vivekanand College, Kolhapur (An Empowered Autonomous)

B.Sc. Part- I (Microbiology) (Sem-I) Internal Examination: October-2025

Paper II Bacteriology (DSC03MIC12)

Time:- 12:00 am – 1:30pm

Date : 15/10/2025

Day : Wednesday Total Marks: 10

10 marks

Q.1] Multiple Choice Questions.

1. _____ is an example of acidic stain.
a) Crystal Violet b) Basic fuchsin
c) India ink d) Methylene blue a
2. Primary Image is _____.
a) real & inverted b) virtual & inverted
c) real & erect d) virtual & erect a
3. The 40 X objective working with 10X ocular lens will give _____ X total magnification.
a) 40 b) 400
c) 4000 d) 40,000 d
4. The refractive index of cedar wood oil is _____.
a) 1.4 b) 1.5
c) 1.0 d) 1.2 c
5. The lens present near to the eye of observer is called _____.
a) objective lens b) eyepiece lens
c) condenser d) revolving nose piece. b
6. In _____ process the growth of pathogenic micro-organisms is prevented inside the living tissue.
a) antiseptis b) disinfection
c) sterilization d) microbiostasis d
7. Hot air oven uses _____ heat for sterilization.
a) moist b) dry
c) wet d) none of the above b

8. _____ is a waste treatment process that involves combustion of organic substances contained in a waste.

- a) Desiccation b) Tyndallization
c) Burning d) Incineration

b

9. Autoclave is operated at _____ ° C for 15 lbs for 1 minute.

- a) 121 b) 112
c) 120 d) 151

a

10. Gamma radiations for sterilization can be obtained from radioactive substance like _____.

- a) Cobalt ₆₀ b) Carbon ₁₄
c) Sodium ₂₄ d) Iodine ₁₃₁

c



15.	Patil Aditya Yuvraj	7553	<u>AYP</u>	<u>AYP</u>	<u>AYP</u>	<u>AYP</u>	<u>AYP</u>	<u>AYP</u>	<u>AYP</u>
16.	Shinde Apeksha Janardan	7560	AB	AB	AB	AB	AB	AB	AB
17.	Shitole Shrushti Sandeep	7561	AB	AB	<u>Shitole Shrushti</u>	AB	<u>Shitole Shrushti</u>	AB	AB
18.	Kamble Pradnya Tukaram	7602	<u>Kamble</u>	<u>Kamble</u>	<u>Kamble</u>	<u>Kamble</u>	<u>Kamble</u>	<u>Kamble</u>	<u>Kamble</u>
19.	Patil Himangi Shivaji	7607	Patil	Patil	Patil	Patil	Patil	Patil	Patil
	Teachers Signature		<u>Godk</u>	<u>Godk</u>	<u>Sharch</u>	<u>Sharch</u>	<u>Sharch</u>	<u>Sharch</u>	<u>Sharch</u>
20	Patil Tanuja Ranjitsinh	7551	<u>Patil</u>	<u>Patil</u>	<u>Patil</u>	<u>Patil</u>	<u>Patil</u>	<u>Patil</u>	<u>Patil</u>
21	Sayyad Akmal Shabbir	7557	<u>Sayyad</u>	<u>Sayyad</u>	<u>Sayyad</u>	<u>Sayyad</u>	<u>Sayyad</u>	<u>Sayyad</u>	<u>Sayyad</u>



Shri Swami Vivekanand Shikshan Sanstha's

Vivekanand College, Kolhapur (An Empowered Autonomous Institute)

Department of Microbiology

Academic Year 2025-2026

All the students of BSc I under remedial coaching programme are hereby informed that a test is scheduled on **Friday, 02/01/2026** at 10:00 am in room no. 415. The format of test will be Multiple choice questions. All students must be present on time.

Sr. No.	Title of Paper	Date	Time
1	Introduction to Microbiology (DSC 03 MIC 11)	02/01/2026	10:00-10:30 am
2	Bacteriology (DSC 03 MIC 12)		10:30-11:00 am

Gaupale
Dr. T. C. Gaupale
T/C 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

Academic Year 2025-2026



Remedial Coaching Test

Attendance

Date:02/01/2026

Sr. no	Name of the student	Roll no.	Signature
1.	Abane Gayatri Kumar	7499	Ab
2.	Anantpure Shreya Balkrishna	7501	Ab
3.	Gondhali Tanvi Pandit	7511	Gondhali
4.	Gotal Vaishnavi Prakash	7512	Ab
5.	Hargule Sanskar Ranjeet	7513	Ab
6.	Jadhav Pragati Shamrao	7515	P.S.J
7.	Kamble Aniruddh Vinod	7516	Ab
8.	Kumbhar Harshvardhan Hemant	7524	Ab
9.	Lohar Chaitrali Maruti	7528	ln. loke
10.	Mane Shrutika Netaji	7530	S.N. Mane.
11.	Minekar Bhavesh Mahesh	7532	Ab
12.	Pathan JuveriyaMuddasar	7539	JmPathan
13.	Patil Rutuja Sanjay	7549	Rukya
14.	Patil Tanuja Ranjitsinh	7551	Ranjit
15.	Patil Aditya Yuvraj	7553	ayp
16.	Shinde Apeksha Janardan	7560	Ab
17.	Shitole Shrushti Sandeep	7561	Shitole
18.	Kamble Pradnya Tukaram	7602	Kamble
19.	Patil Himangi Shivaji	7607	H.Patil

20. Sayyad Akmal Shabbir 7557

Shabbir

Seat No. 453137

Name: Rutuja Sonjoy Patil

Vivekanand College, Kolhapur (An Empowered Autonomous Institute)

Department of Microbiology

Academic Year 2025-2026

REMEDIAL COACHING TEST

Date - 02/01/2026

Marks - 10

Time- 10.00 a.m -10.30 a.m

Q.1 Rewrite the sentence by choosing most correct alternative

10

i. _____ of the following is considered the fundamental unit of biological classification.

b

- a) Genus
b) Species
c) Family
d) Order

ii. _____ discovered the antibiotic penicillin.

c

- a) Robert Koch
b) Louis Pasteur
c) Alexander Fleming
d) Edward Jenner

iii. Joseph Lister is known for _____

d

- a) Streak plate technique
b) Active immunization
c) Small pox vaccine
d) Antiseptic surgery

iv. _____ is absent in the cell wall of Gram-negative bacteria.

d

- a) Peptidoglycan
b) Lipopolysaccharide
c) Lipoprotein
d) Teichoic acid

v. In _____ flagellar arrangement, only one flagellum is present at one end of the cell.

a

- a) Monotrichous
b) Lophotrichous
c) Peritrichous
d) Amphitrichous

vi. Glasswares are sterilized by using _____.

b

- a) incineration
b) hot air oven
c) filtration
d) dessication

vii. Killing of pathogenic organisms from inanimate object is done by _____ process.

a

- a) disinfection
b) antiseptis
c) microbiostasis
d) sterilization

viii. _____ substance is commonly used as a disinfectant in municipal water supplies.

- a) Chlorine b) Bromine
c) Iodine d) Fluorine

a

ix. _____ part of the compound microscope helps in gathering and focusing light rays on the specimen to be viewed?

- a) Eyepiece lens b) Objective lens
c) Condenser lens d) Magnifying lens

c

x. _____ bacteria appears purple-violet colour after staining.

- a) Gram-positive
b) Gram-negative
c) Both Gram-positive and Gram-negative
d) Neither Gram-positive nor Gram-negative

b

- a) Chlorine b) Bromine
c) Iodine d) Flourine

a

ix. _____ part of the compound microscope helps in gathering and focusing light rays on the specimen to be viewed?

- a) Eyepiece lens b) Objective lens
c) Condenser lens d) Magnifying lens

~~a~~ c

x. _____ bacteria appears purple-violet colour after staining.

- a) Gram-positive
b) Gram-negative
c) Both Gram-positive and Gram-negative
d) Neither Gram-positive nor Gram-negative

a

Shri Swami Vivekanand Shikshan Sanstha's

Vivekanand College, Kolhapur (An Empowered Autonomous Institute)

Department of Microbiology

Academic Year 2025-2026



Remedial Coaching Test

Marksheet

Date:02/01/2026

Sr. no	Name of the student	Roll no.	Marks
1.	Abane Gayatri Kumar	7499	Ab
2.	Anantpure Shreya Balkrishna	7501	Ab
3.	Gondhali Tanvi Pandit	7511	08
4.	Gotal Vaishnavi Prakash	7512	Ab
5.	Hargule Sanskar Ranjeet	7513	Ab
6.	Jadhav Pragati Shamrao	7515	07
7.	Kamble Aniruddh Vinod	7516	Ab
8.	Kumbhar Harshvardhan Hemant	7524	Ab
9.	Lohar Chaitrali Maruti	7528	09
10.	Mane Shrutika Netaji	7530	09
11.	Minekar Bhavesh Mahesh	7532	Ab
12.	Pathan JuveriyaMuddasar	7539	08
13.	Patil Rutuja Sanjay	7549	09
14.	Patil Tanuja Ranjitsinh	7551	07
15.	Patil Aditya Yuvraj	7553	08
16.	Shinde Apeksha Janardan	7560	Ab
17.	Shitole Shrushti Sandeep	7561	09
18.	Kamble Pradnya Tukaram	7602	07
19.	Patil Himangi Shivaji	7607	08
20.	Akmal Sayyad	7557	07

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Vivekanand College, Kolhapur (An Empowered Autonomous Institute)

Department of Microbiology (UG) in collaboration with IQAC

Academic Year 2025-2026

Remedial Coaching

FEEDBACK FORM

Date: 02/01/2026

- Name of student: Shitole Srushti
- Class: BSc I
- Department: microbiology
- Feedback: Progress in exam, understand very much things

Shrushti Shitole
Sign of the Student



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Department of Microbiology (UG) in collaboration with IQAC

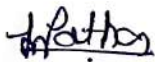
Academic Year 2025-2026

Remedial Coaching

FEEDBACK FORM

Date: 02/01/2026

- Name of student: Juveriya Muddar Pathan
- Class: BSc-FY
- Department: Microbiology
- Feedback: Improve understanding, Strengthen.


Sign of the Student



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Vivekanand College, Kolhapur (An Empowered Autonomous Institute)

Department of Microbiology (UG) in collaboration with IQAC

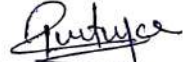
Academic Year 2025-2026

Remedial Coaching

FEEDBACK FORM

Date: 02/01/2026

- Name of student: Rutuja Sanjay Patil
- Class: BSc- I
- Department: microbiology
- Feedback: it is a very usefull, it is help in the exam, and progress the in exam.


Sign of the Student



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Vivekanand College, Kolhapur (An Empowered Autonomous Institute)

Department of Microbiology

Academic Year 2025-2026

Photos of Remedial Coaching



Remedial Coaching Lectures





**Test Conducted Under Remedial coaching
Programme for slow learners**

