



Rayat Shikshan Sanstha's  
**Yashwantrao Chavan Institute of Science, Satara**  
Constituent College of Karmaveer Bhaurao Patil University, Satara  
Accredited by NAAC (3<sup>rd</sup> cycle) 'A+' Grade (CGPA 3.57)

**"MICROBIOFEST 2024-25 (DOLPHIN GROUP)"**

**MICROBIOLOGY DEPARTMENT**  
Organizes  
State-Level Intercollegiate Competition

Outward No:- /2024- 25

Date :- 17/12/2024

To,  
The Head,  
Department of Microbiology/Biotechnology/Life Sciences  
D. P. Bhosale College,  
Koregaon

Dear Sir / Madam,

It gives us great pleasure to inform you that "**Microbiofest**" (former **Dolphin Group**), the organization of alumni of Microbiology & Biochemistry department of our Institute has been successfully organizing various competitions since last twenty four years. This year Microbiofest is organizing **State level Intercollegiate competitions** on, **10<sup>th</sup> January, 2025**. Please inform this to your students and let maximum participation from your college boost the Microbiofest Activity.

A) Public Health Campaign Poster/ Infographics Competition:

**Subjects:**

1. **The Human Microbiome: Friend or Foe?**

Focus on the role of microorganisms in human health, including the gut, skin, and respiratory microbiomes. Highlight both beneficial and pathogenic microbes.

2. **Antibiotic Resistance: A Global Threat**

Show how bacteria evolve resistance to antibiotics, contributing to the growing crisis of antimicrobial resistance (AMR). Include solutions to combat this problem.

3. **Pathogen Transmission: How Diseases Spread**

Illustrate various modes of pathogen transmission (e.g., airborne, contact, vector-borne) and how we can prevent infection.

○ **Sub themes:**

▪ **The Life Cycle of Common Infectious Diseases**

Depict the lifecycle of pathogens such as viruses, bacteria, or fungi, showing how they infect hosts and replicate, with a focus on diseases like tuberculosis, malaria, or HIV.

▪ **Foodborne Pathogens and Public Health**

Depict the role of microbiology in identifying and controlling foodborne pathogens (e.g., Salmonella, E. coli) to ensure food safety and prevent outbreaks of food poisoning.

- **Vector-Borne Diseases and Microbial Pathogens**

Showcase the relationship between microbiology and vector-borne diseases like malaria, dengue, and Zika virus, and the public health strategies to control these diseases.

- **Infectious Diseases in the 21st Century**

Explore emerging infectious diseases (like Ebola, Zika, or COVID-19) and the role of global travel, climate change, and urbanization in their spread.

#### 4. **Vaccines: Microbiology's Key to Disease Prevention**

Create poster/ infographic that explains how vaccines work, their impact on public health, and the importance of immunization in preventing diseases like polio, measles, and COVID-19.

#### 5. **The Role of Microorganisms in Environmental Health**

Explore the role of microorganisms in maintaining ecological balance, including their role in biodegradation, nutrient cycling, and bioremediation.

### **Rules for the Competition:**

#### 1. **Submission Requirements:**

**Original Work:** All entries must be original and created specifically for the competition. Plagiarism will result in disqualification.

**File Format:** Submissions must be made in **handmade or digital format** (PDF, PNG, or JPEG)

**Design Size:** Poster/ Infographics should be **A3-sized** (420mm x 297mm)

**Length:** Poster/ Infographics should have a clear, concise message with a **maximum of 400 words** of text (not including references or citations).

#### 2. **Content Guidelines:**

**Scientific Accuracy:** The information in the Poster/ infographic must be **factually accurate** and drawn from **reliable sources**, such as peer-reviewed journals, public health agencies (e.g., WHO, CDC), or authoritative academic texts.

**Relevance:** The Poster/infographic must relate to the **role of microbiology in public health** and must align with one of the selected competition themes.

**Clarity:** Text should be minimal, clear, and well-organized. Use graphics and icons to break down complex scientific information and make it more digestible.

**References:** If applicable, citations or references to scientific papers, reports, or trusted organizations must be included (e.g., "Source: World Health Organization, 2023").

#### 3. **Design Guidelines:**

**Visual Appeal:** The design should be aesthetically engaging, but not cluttered. Use of color, fonts, and images should enhance the clarity of the message.

**Creativity:** Innovative, original visuals are encouraged. Use graphics, diagrams, and charts to illustrate microbiological concepts.

**Avoid Overcrowding:** Limit the amount of text to key points. Make the poster/ infographic easily readable at a glance.

#### 4. **Submission Process:**

- The Poster/infographic should be submitted in hardcopy at the day of Microbiofest (10<sup>th</sup> January 2025) before 9.00 a.m.

o Participants should also submit a **brief description (100-200 words)** explaining the purpose, key message, and design approach of their Poster/ infographic.

**B) Microbiological Skit competition:-** (Competitions for U.G. and P.G. students.)

**Subject: - 1. Life in petri dish 2. Tiny creature, Big impact**

**Rules: -**

1. This is a team competition.
2. Each team should contain a minimum 05 and maximum 08 students.
3. Time duration for performance for each team is seven minutes and one minute can be extended after warning bell.
4. Drapery will be optional.
5. Judges will hold the right to stop any act whichever point, they find it to be violating the rules or general decency.
6. Judgment parameters will be – i) Content of script ii) Performance of the students iii) Overall impact. iv) Originality of the theme.
7. Students can choose any one of the above mentioned topics.

**C) Quiz competition :-** ( Competitions for U.G. students only.)

- \* Team of 03 participants from under graduate classes.
- \* Written test for screening will be conducted if team number exceeds 12.

**D) Learning video making competition:-**

**Subject: - Any topic from Microbiology UG syllabus**

**Rules:-**

- 1) Content must be self-generated.
- 2) Video length should be 2 to 5 min.
- 3) Video must be relevant to the Microbiology, concise and easily understandable by general audience.
- 4) Video must be in English language.
- 5) Students can use visual aids, animations, charts, graphs and images to explain key concepts.
- 6) Video should be of good visual and audio quality.
- 7) Send a video on [departmentofmicrobiology1977@gmail.com](mailto:departmentofmicrobiology1977@gmail.com) on or before 5<sup>th</sup> January 2025.

**General Instructions:-**

- 1) Students should carry Identity cards.
- 2) Registration fees per student is Rs. 150/- should be paid at the time of registration. (Kindly get the change.)
- 3) There is no limit for number of teams from colleges.
- 4) Memento for first three winner teams and certificate of participation for all participants will be given
- 5) Examiners decision will be final.
- 6) Tea, breakfast and Lunch will be provided to the participants.
- 7) Students will have to bear their own traveling expenses.
- 8) Last date of entry 8<sup>th</sup> January, 2025.

**Schedule:-**

Schedule	Venue	Time
Registration & Breakfast	New 'M' building Porch	09.00 a.m. to 10.00 a.m.
Display of posters, infographics and learning videos	New 'M' building Porch	10.00 a.m. to 11.00 a.m.
Quiz Screening Test	A-1-8 hall	10.00 a.m. to 11.00 a.m.
Quiz Competition	Karmaveer Auditorium	11.00 p.m. to 01.00 p.m.

Lunch break	Canteen	01.00 p.m. to 02.00 p.m.
Skit competition	Karmaveer Auditorium	02.00 p.m. to 04.00 p.m.
Microbial Catwalk	Karmaveer Auditorium	04.00 p.m. to 04.30 p.m.
Valedictory and Prize distribution	Karmaveer Auditorium	04.30 p.m. to 05.30 p.m.

*G. Nitika*

Head,  
Dept. of Microbiology  
Y.C. Institute of Science, Satara  
Department of Microbiology

Principal,  
Y.C. Institute of Science, Satara

**Rayat Shikshan Sanstha's  
D. P. Bhosale College, Koregaon**

**Department of Microbiology**

## **Microbiofeast**

### **Notice**

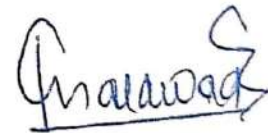
**Date: 6/01/2025**

All the students of the Microbiology department are hereby informed that a 'Microbiofeast has been organized in the YCIS college on Friday, 10<sup>th</sup> January 2025. This event provides a unique opportunity for our department to showcase our talents, creativity, and Presentation skills.

We encourage all Microbiology students to actively participate in this event by Writing Script represents our department. This is an excellent platform to not only exhibit your knowledge but also to engage with students and other colleges who share an interest in the field of Microbiology

Activity Participation :

1. Quiz competition on Microbiology.
2. Skit competition



**HEAD  
DEPARTMENT OF MICROBIOLOGY  
D.P. BHOSALE COLLEGE, KOREGAON**

Rayat Shikshan Sanstha's  
D. P. Bhosale College, Koregaon

Department of Microbiology

Microbiofeast

## Report

The Department of Microbiology at D.P. Bhosale College, Koregaon, successfully participated in the *Microbiofeast* event organized by Yashvantrao Chavan Institute of Science, Satara, on January 10, 2025. The event provided students with a platform to showcase their creativity, knowledge, and presentation skills.

A key highlight was the skit competition, which focused on the role of microorganisms in causing diseases. Students actively contributed by scripting, practicing, and performing, enhancing their teamwork, confidence, and leadership skills. Additionally, the event allowed students to interact with peers from other colleges and apply their theoretical knowledge through a quiz competition.


The participation not only highlighted the department's talent but also fostered a learning experience beyond the classroom. The department expresses gratitude to all participants, visitors, and organizers for their contributions to the event's success.

Beneficiary	Outcomes
8	Acting out microbiological processes makes learning more engaging and memorable. Encourages students to apply theoretical knowledge in real-life or humorous situations.



  
HEAD  
DEPARTMENT OF MICROBIOLOGY  
D. P. BHOSALE COLLEGE, KOREGAON

  
COORDINATOR  
Internal Quality Assurance Cell  
D.P. Bhosale College, Koregaon

  
PRINCIPAL,  
D. P. Bhosale College,  
Koregaon



Rayat Shikshan Sanstha's  
**Yashwantrao Chavan Institute of Science, Satara**  
**(Autonomous)**

(Lead College of Karmaveer Bhaurao Patil University, Satara)  
Sadar Bazar Camp, Satara – 415001, Maharashtra, India  
Telephone No: 02162-234392/237408, Fax: 02162-234392/233571  
Website: [www.ycis.ac.in](http://www.ycis.ac.in)



Prof. Dr. Mrs. G.V. Utekar  
Head,  
Department of Microbiology

**Department of Microbiology**

Email: [microbiology1977@gmail.com](mailto:microbiology1977@gmail.com)

Ref. No.

Date:

To,

D. P. Bhosale college  
Koregaon, Satara.

**Subject: Letter Of Participation**

Respected Madam/ Sir,

Department of Microbiology, Yashwantrao Chavan Institute of Science, Satara has organized "Microbiofest Activity 2024-25" on 10<sup>th</sup> January 2025. We appreciate your active participation.

Thank you for association with us, we look forward for long and faithful association with you.

Regards

*G. Utekar*

Head

Department of Microbiology