

## Department of Microbiology

### Activities 2025-26

1. Awareness program titled *“Tiny Life, Big Impact — The Microbiome Challenge”* to commemorate World Microbiome Day on 27<sup>th</sup> June 2025. (Online).



To commemorate World Microbiome Day on June 27, 2025, the Department of Microbiology at Bhavan's Vivekananda College organized an online awareness program which was a Google form-based survey. This gathered 116 responses from students, academicians, and general participants, focusing on knowledge of microbes, probiotics, dietary habits, antibiotic use, and the gut-brain connection.

**2. Awareness Program: “Inroads of AI in Biological Sciences organized by the Indian Women Scientists Association (IWSA) in collaboration with the Department of Microbiology, BVC, on 16<sup>th</sup> July 2025 for undergraduate students of Telangana Social Welfare Residential Degree and PG College for Women, Mahindra Hills, at their Ghatkesar campus.**



The awareness program was a great success in creating awareness, enthusiasm, and clarity about the integration of Artificial Intelligence in biological sciences and served as an inspirational platform for young women in science.

**3. A two-day outreach program for high school students on “*Health and Immunity during Monsoon,*” in collaboration with the Microbiologists’ Society, India, on 29th and 30th August 2025.**



The program helped in gaining insights into topics such as natural and acquired immunity, vaccination, diagnostic tests like the Widal test, and microbial staining methods. The sessions successfully combined education with engagement, sparking curiosity in microbiology while emphasizing preventive health measures.

**4. A Guest lecture on A career guidance session titled "Life Sciences: From Labs to Life" by Dr. Sukanya Manjeri Subramanian, a Content Specialist at Clarivate Analytics, on 25th July 2025**



The event aimed to provide students with insights into the diverse career opportunities available in the field of life sciences beyond traditional laboratory roles.

**5. An Online Guest lecture on 25<sup>th</sup> August 2026, was organised by Department of Microbiology on Opportunities And Challenges- Journey From Idea To Startup in association with Bhavans Institution Innovation council (BIIC), by Ms Sarita Thakur, Founder of Bioinnovate**



The lecture by Ms. Sarita Thakur motivated students to take up entrepreneurship with an explanation on how to turn an idea into startup.

**6. A visit to Yes Labs, Medical Diagnostics, on 8<sup>th</sup> September 2025**



The objective of the visit was to gain practical exposure to diagnostic techniques and understand the workflow of a modern diagnostic laboratory.

## 7. Rain water harvesting- SDG program, from 11<sup>th</sup> – 15<sup>th</sup> September 2025



This activity helped in mapping data to implement effective water management on campus. It also prevents water wastage and reduces maintenance costs.

## 8. Industrial visit to Zinda Tilismath, Masqati Dairy and Parle G on 14<sup>th</sup> October 2025



Zinda Tilismath Industry, Amberpet

This visit helped students understand the role of microbiology in pharmaceutical formulation, quality assurance, and product safety.



Masqati Industry, Turkayamjal

Students observed the processing of milk and milk products under strict hygienic conditions to ensure safety and quality.



Parle-G Industry Saidabad

The visit provided valuable insight into the importance of microbiological control and sanitation in food industries.

### 9. Workshop- Research methodology on 6<sup>th</sup> Dec 2025



This workshop was carried to equip final year UG life sciences students with various AI tools for carrying out research project. Topics related to research projects like identification of research problem, AI tools for research, writing of thesis, research ethics and plagiarism were discussed.

## 10. Anti-leprosy day- Guest lecture by Mr. Mohan Arikonda, on 31<sup>st</sup> January 2026



This lecture educated students in understanding the spread of leprosy, its diagnosis and treatment.

11. **Mock Placement Drive – “From Campus to Corporate”** The Department of Microbiology organized a Mock Placement Drive titled “From Campus to Corporate – Microbiology Mock Interview Drive” on 21st February 2026 at 12:00 noon onwards in the Department of Microbiology. The event was conducted exclusively for the M.Sc. Microbiology Final Year students with the objective of preparing them for real



time industry recruitment processes.

12. **Value Added Course – Clinical Diagnosis --** The Department of Microbiology organized a Value-Added Course on Clinical Diagnosis in collaboration with YES Labs, AS Rao Nagar, for B.Sc. Microbiology students to enhance their practical and diagnostic skills in clinical microbiology. The course was conducted from 11th November 2026 to 15th November 2026



**13. Skill Training Program on Cell Culturing Techniques** - A skill training program on Cell Culturing Techniques was successfully organized by the Department of Microbiology in collaboration with MicroN Life Sciences on 26th February 2026, from 10:00 AM to 4:00 PM, for the M.Sc. Microbiology Final Year students.



14. On February 28, 2026, Bhavans Vivekananda College celebrated National Science Day with great enthusiasm and active participation from students and faculty. As part of the celebrations, the Department of Microbiology organized an engaging quiz competition and Project presentations



15. Gyan Tarangini Vyakhyanamala 2026 – an annual lecture series to provide a platform for the post graduate students was organized on 2<sup>nd</sup> april 2026. Prof. Sharmistha Banerjee, Hyderabad Central university, given the keynote lecture on “Inside the infeted cell: How host cell biology shapes the fate of HIV. Investigation”.



**16. Two- day Workshop on “Soft Skills for Career Development” (2025-26). In collaboration with EXCEL Education Services, Hyderabad**

**31<sup>st</sup> October and 1<sup>st</sup> November 2025**

. The event was facilitated by Dr. Amit Kumar Banerjee, an experienced resource person and Corporate Trainer from EXCEL Education Services.

