



Research-Oriented Training Program

Microbiology, Molecular Biology & Bioinformatics

Internships | Dissertations | Hands-on Training | Summer & Winter Projects

Are you ready to dive into the fascinating world of life sciences? We are excited to announce an outstanding lab training opportunity focusing on **Microbiology, Molecular Biology, and Bioinformatics**. This program is designed for passionate and driven students eager to contribute to cutting-edge research and make a meaningful impact in the field.

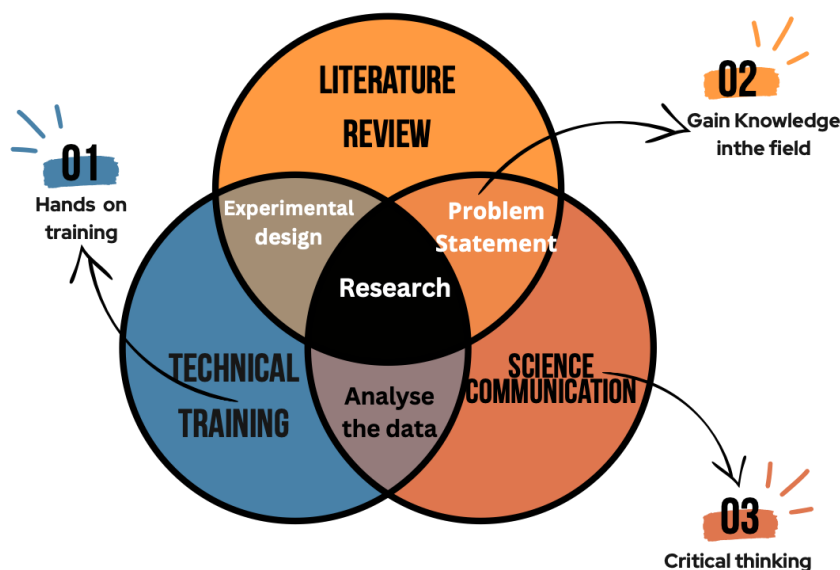


Figure 1: Skills needed for a successful career in science.

Program Highlights

- **Hands-On Training:** Engage in practical laboratory work and data analysis, exploring the intricate relationships between microorganisms and their molecular functions.
- **Interdisciplinary Approach:** Gain insights into microbiology and molecular biology, while utilizing bioinformatics tools to analyze and interpret complex biological data.
- **Expert Guidance:** Work under the mentorship of leading researchers in the field, who will provide valuable insights and support throughout your dissertation journey.
- **Networking Opportunities:** Connect with fellow researchers and industry professionals to broaden your academic and career horizons.



Who Should Apply?

We welcome applications from students pursuing an Under-Graduation, Master's, or Ph.D. in Life Sciences, Microbiology, Molecular Biology, Bioinformatics, or related fields. A keen interest in research and strong analytical skills are essential.

Why Choose Our Program?

Expert Guidance

Dr. Viniti Tomar, a cell and developmental biologist who has done her Ph.D. in Biological Sciences (March 2023) from IISER Bhopal after qualifying CSIR-NET (June 2014) and GATE 2015. She has 8+ years of research experience. During her Ph.D. she worked in the field of Genetics, Cell Biology, and Developmental Biology.

Dr. Lavanya Bhagavatula, is founder and CEO of Anvaya Biotech. She worked at Imperial College, London and University of Perugia, Italy during her graduate studies and was awarded a Ph.D. in May 2012. Dr. Lavanya has over 10 years of experience in training undergraduate and postgraduate students in Microbiology and Biotechnology at IISER Bhopal and SAGE University Bhopal.

Mentorship: Personalized mentorship to address individual needs and concerns.

Course Features

Our dissertation course focuses on the following key areas:

- **Technical Training:** Gain hands-on experience with advanced research tools and methodologies. Develop the technical skills necessary for designing and conducting experiments relevant to your field of study.
- **Literature Review:** Learn to perform thorough literature reviews to identify existing gaps and formulate a strong problem-solving statement. This foundational step will guide your research direction and objectives.
 - **Problem-Solving Statement Development:** Collaborate with mentors to craft a clear and impactful problem statement that addresses significant challenges in your area of research.
 - **Experimental Design:** Design and execute experiments that effectively test your hypotheses. Gain practical experience in creating robust experimental protocols and methodologies.
- **Data Analysis:** Master various data analysis techniques, including statistical analysis and data visualization. Learn to interpret your results critically and draw meaningful conclusions from your findings.
 - **Critical Thinking:** Enhance your critical thinking skills through discussions, peer reviews, and feedback sessions. Develop the ability to evaluate research findings and formulate sound arguments.



- **Science Communication:** Acquire essential skills in communicating scientific concepts to diverse audiences. Learn how to present your research findings clearly and effectively through written reports, presentations, and publications.

Reserve Your Spot Today!

Don't miss this opportunity to advance your academic career.

Book your seat now and take the first step towards an exciting future in life sciences.

How to Enroll?

1. Fill the Application form:

[Dissertation 2025 Application](#)

2. Make a payment.

paytm ❤️ LPI



Account Details

Account Name: **Anvaya Biotech**

A/C No.: **42044356828**

IFSC: **SBIN0016154**

3. Send a screenshot of the payment to **8370017103**.

**Non-refundable fee, which will be adjusted against your dissertation fees later at the time of commencement of the course.*