

# School of Life Science & Biotechnology

<sup>&</sup>quot;Reimagining Global Health"

Adamas University offers a transformative educational experience that emphasizes curiosity, creativity, and collaboration, helping students to reach their professional goals.

Adamas University's School of Life Science and Biotechnology embodies a passion for solving the world's most pressing health issues with dedication and leadership. The university's interdisciplinary curriculum transcends industries emphasizing population health, social, economic, and environmental determinants of health in a globalized world. At Adamas University, you gain global health knowledge, skills, and experience that nurtures the ground for tomorrow's top scientific minds.

## **Excellence Is In Our DNA**

Ranked as the Best University in West Bengal at the World Leadership Awards in 2019, Adamas University's School of Life Science and Biotechnology is geared towards creating a learning environment that promotes cross-disciplinary exploration, fuelling the curiosity and expertise common to all great scientists.



# Be at the Forefront of Scientific Excellence with a Life Science or Biotechnology degree from Adamas University



## Microbiology

- · B.Sc. (Hons.) in Microbiology
- B.Sc. (Hons.) in Genetics
- M.Sc. in Microbiology
- Ph.D. in Microbiology



## **Biochemistry**

- B.Sc. (Hons.) in Biochemistry
- M.Sc. in Biochemistry
- Ph.D. in Biochemistry



## **Biotechnology**

- B.Sc. (Hons.) in Biotechnology
- B.Tech. in Biotechnology
- B.Tech. in Food Technlogy
- B.Tech. in Biotechnology (Lateral Entry)
- M.Sc. in Biotechnology
- M.Tech. in Biotechnology
- Ph.D. in Biotechnology



# The Adamas Advantage



#### **Interdisciplinary Study**

Students have the opportunity of selecting from a wide spectrum of elective subjects, from across the various schools at Adamas to augment their education with additional skills, expertise, and knowledge.



#### **Society Driven Research**

Students will have the opportunity to participate in and launch research projects that directly affect society. For example, Adamas is currently working alongside Eruca Labs to develop cost-efficient COVID-19 detection kits - a project that students are directly involved in.



#### **Cutting-Edge Laboratories**

A network of state-of-the-art laboratories supports students by providing them with the equipment and environment they need to explore their field and acquire hands-on experiences.



# Entrepreneurial and Innovation Skill Development

Students have the opportunity to develop their professional skills as well as hone their entrepreneurial spirit through organizations like the Adamas Biotechnology Club, which gives students the platform to launch their innovative ideas.



#### **Publication Focus**

Students are encouraged to take on research projects with the purpose of publishing the research in eminent scientific journals. In a short period of time, Adamas has published in prestigious journals such as Cell Research, EMBO reports, Molecular Therapy, etc.



#### **Practical Skill Development**

Adamas University partners with various organizations within the industry to provide hands-on learning experiences for students through activities like seminars, workshops, internships, projects, and field visits.



#### Facilities & Infrastructure

Adamas University provides a unique 120 acres campus experience to its students through its state-of-the-art facilities and cutting-edge infrastructure.



#### **Career Development**

Adamas' active Career Development Cell (CDC) helps students identify their areas of interest, strengths, and development needs as well as arranging for placement opportunities across different industries and organizations.

# **Top Recruitment Partners**

Our recruitment partners provide Adamas students the opportunity to make industry visits, gain work experience through summer internships along with offering full-time employment every year.















Cipla



## Prof. (Dr) Rudra Prasad Saha

Officiating Dean, School of Life Science & Biotechnology

Dr. Rudra Prasad Saha is a distinguished scholar, with 20+ years of experience in teaching and research in Biotechnology. Dr. Saha completed his comprehensive post-doctoral research on host-virus relationships at the University of Texas at Austin, USA, and San Diego State University, USA after earning his Ph.D. in Biochemistry from Bose Institute (Jadavpur University), Kolkata. Dr. Saha has published several research papers in high-impact international journals and presented his work in several national and international conferences around the world. Through his outstanding academic, leadership, and interpersonal skills combined with his inimitable teaching style, Dr. Saha looks forward to encouraging a competitive spirit among Adamas University students which will foster a positive and healthy campus atmosphere along with equipping students with the right skills to meet future challenges.



Experience the fascinating world of biology through the lens of the School of Life Science & Biotechnology at Adamas University for fulfilling your aspirations of becoming an academician, scientist, or entrepreneur.

# **Students Speak**



### **Sharique Zaman**

M.Sc. Biotechnology, 2017 Batch

"My time at Adamas University was one of the best times in my life. The professors at this university are very friendly and also very helpful. Presently, I am working with CIPLA as a Senior Microbiologist and I am very lucky to be an alumnus of the prestigious institution."

#### **For Admission Related Enquiries**

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#### For General Enquiries

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