



**ADAMAS**  
UNIVERSITY  
KOLKATA  
PURSUE EXCELLENCE



**ADAMAS**  
SCHOOL OF BASIC AND  
APPLIED SCIENCES

# School of Basic and Applied Sciences

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“Creating Future Ready Science Professionals”

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 Basic and Applied Sciences combines intellectual excellence with world-class infrastructure. It offers education and research opportunities of the highest international levels, in an inclusive and collaborative environment. The School of Basic & Applied Sciences puts a strong emphasis on project and research-based learning under the guidance of experienced faculty. The objective is to promote knowledge and foster innovation with applied sciences to find solutions for making the world a better place.

## Excellence Is In Our DNA

Ranked as the Best University in West Bengal at the World Leadership Awards in 2019, Adamas University's School Basic and Applied Sciences is geared towards creating a learning environment that promotes the spirit of scientific enquiry and collaboration while developing the skills integral to employment.



## Be At The Forefront Of Innovative Excellence With A Science Degree from Adamas University



### Physics

- B.Sc. (Hons.) in Physics
- M.Sc. in Physics
- PhD in Physics



### Chemistry

- B.Sc. (Hons.) in Chemistry
- M.Sc. in Chemistry
- PhD in Chemistry



### Geography

- B.Sc. (Hons.) in Geography
- M.Sc. in Geography
- M.Sc. in Geoinformatics
- M.Sc. (Integrated) in Geography and Geoinformatics
- PG Diploma in Geoinformatics and Geo Statistics
- PhD in Geography



### Mathematics

- B.Sc. (Hons.) in Mathematics
- B.Sc. (Hons.) in Statistics and Data Analytics
- M.Sc. (Tech) in Statistics and Data Science
- M.Sc. in Applied Maths
- PhD in Mathematics



### Environmental Science

- B.Sc. (Hons.) in Environmental Science
- M.Sc. in Environmental Science



### Forensic Science

- B.Sc. (Hons.) in Forensic Science
- M.Sc. in Forensic Science

# The Adamas Advantage

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## Research Driven Academics

Research is an integral component of education at Adamas. Students are encouraged to take part in research projects under the mentorship of experienced faculty members, in collaboration with laboratories both in India and abroad.



## Seminars and Workshops

Students have the opportunity to augment their academics through numerous seminars, workshops, conferences and field visits organized in collaboration with many eminent organizations and professionals.



## Industry-Focused Curriculum

The curriculum is laser-focused on developing the skills, knowledge, expertise and experience needed by the industry to ensure seamless integration into the workplace.



## 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.



## Cutting-Edge Laboratories

A network of well-stocked, 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.



## 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.



## Prof. (Dr) Jitendra K. Pandey

Dean, School of Basic & Applied Science

Prof. Jitendra K. Pandey with PhD from National Chemical Laboratory, Pune has 20+ years of research and teaching experience in national and international institutions. He has published 100+ research articles, is accredited with 17 Patents, 5 Books and has successfully completed various research projects under the Department of Science and Technology, Govt. of India. Dr Pandey is a member of the National Academy of Sciences, India. He is a recipient of the prestigious Brain Pool Fellowship from the Govt. of South Korea, the Max Planck Fellowship from Germany and the Fellowship from Japan Society of Promotion of Sciences.



The School of Basic & Applied Sciences is committed to making you job-ready, proud professionals of Science through national and international collaborations.

## Students Speak



### Anupam Saha

2<sup>nd</sup> Year, M.Sc. in Physics

“My favourite thing about studying at the School of Basic & Applied Science are the teachers. We have such a diverse cohort of faculty that the experiences and the perspectives that they bring to the classroom create this wonderful learning environment, both for me and the other students in the year.”

### For Admission Related Enquiries

Toll Free No: 1800 419 7423 6292190233

admissions@adamasuniversity.ac.in

### For General Enquiries

Toll Free No: 1800 419 7423 6292190233

contactus@adamasuniversity.ac.in

### International Student Enquiries

international@adamasuniversity.ac.in

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