



Department of Biochemistry

Shivaji College

NAAC ACCREDITED "A" GRADE

University of Delhi

Organizes

National Conference on

RNA BASED THERAPEUTICS DISCOVERY TO CLINIC

APRIL 25-26, 2024

Venue

College Auditorium

Shivaji College, University of Delhi

Raja Garden, New Delhi 110027



About the College

Shivaji College is a premier institution in West Delhi, **accredited with grade 'A' by NAAC**. It was ranked as one of the top science colleges of the country with **Delhi State Ranking at 16th position** in a survey conducted by India Today in 2023. "Transform One Life, Transform the Nation" is the vision of Shivaji College.

The college offers twenty undergraduate courses in Science, Commerce and Humanities, a self-financing course in Bachelors in Business Economics, three post-graduate courses, and an add-on course in German. Several faculty members supervise Ph.D. scholars registered with University of Delhi, while some engage in UGC-sponsored major and minor research projects. Shivaji College promotes undergraduate research and has instituted the Intramural Research Scheme, under the College Research and Innovation Cell.

The college believes in and promotes the ideals of gender equality and community service. The college also honours and celebrates men and women working towards women's empowerment and confers on them the **Jijabai Achievers Award**. This award was instituted in honour of Jijabai, Chhatrapati Shivaji's mother, who inspired her son to be righteous, brave, confident, and indefatigable. The college conducts several community outreach programmes and endeavours to provide students with holistic education and experience so that they become assets to the society.

Shivaji College is easily accessible due to the presence of two metro stations in close vicinity of the college and an extensive bus service that enables students to commute from different parts of the national capital region.

About the Department

B.Sc. (Hons.) Biochemistry is one of the premium undergraduate courses offered by the University of Delhi. During the three-year course, the students not only gain sound theoretical knowledge from highly qualified faculty members, but also hands-on-training through extensive practical work in well-equipped laboratories. The students are also given exposure to the research work going on in the frontiers of science by organizing educational tours, talks by eminent scientists, seminars and conferences.

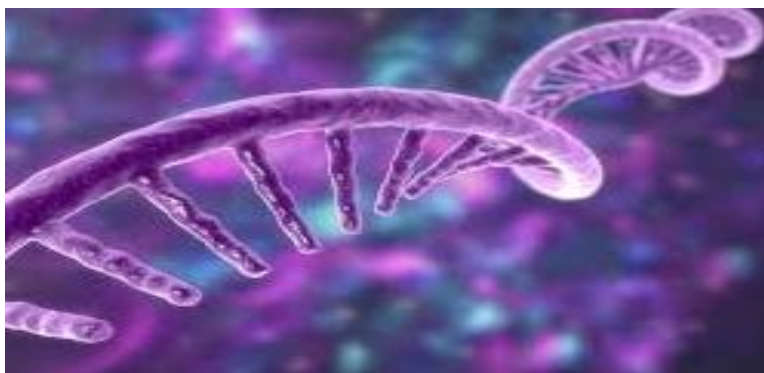
The department has received funding from the **Department of Biotechnology, Govt. of India**, under the prestigious **Star College Scheme**, the academic experience of the students of our department is further enhanced in the form of additional practical to help better understanding of concepts, minor projects and summer training programs to gain insight into research work by and inspire them to take up future careers in the biological sciences.

A joint enterprise of students and teachers, "**The Biochemical Society**" of the department, has the objective of keeping the students abreast of the latest findings, developments and avenues in the field of biological sciences. In addition, the department releases an annual edition of "**Biokemi**", a scientific magazine in which students publish their articles and acquire the skills of scientific writing, bibliography and checking for plagiarism.

Graduates from our department are regularly selected for M.Sc. and integrated PhD programmes in prestigious institutes in India and abroad. Our alumni pursue careers in research, scientific writing, teaching as well as the industry, in both India and abroad.

The field of **RNA-based therapeutics** has witnessed remarkable advancements in recent years, offering promising solutions for a wide range of diseases, including genetic disorders, cancer, infectious diseases, and rare diseases. From the discovery of novel RNA targets to the development of innovative therapeutic modalities and their translation into clinical applications, this rapidly evolving field holds immense potential to revolutionize modern medicine. **The RNA Based Therapeutics: Discovery to Clinic conference aims** to bring together leading researchers, scientists, industry experts, and regulatory professionals to discuss the latest advancements, challenges, and opportunities in the development and translation of RNA-based therapeutics from discovery to clinical implementation. The invited talks will focus on RNA target discovery, therapeutic modalities, formulation Strategies, preclinical and clinical developments.

The Conference will facilitate interdisciplinary discussions, foster collaborations, and accelerate the translation of RNA-based therapeutics from discovery to clinical practice. By bringing together experts from diverse fields, the conference seeks to advance the development of safe, effective, and transformative RNA-based therapies for improving human health.



DAY 1: April 25, 2024

09:00 - 10:00 am	Registrations
10:00 -11:00 am	<p>Inaugural Session Welcome Address Prof. Virender Bhardwaj Principal, Shivaji College</p> <p>Inaugural Address Prof. Amita Gupta (Chief Guest) Head, Department of Biochemistry University of Delhi South campus New Delhi</p> <p>Launch of Biokemi 2024</p>
11:00 -11:30 am	Interaction with the students & TEA
11:30 -12:30 pm	<p>Technical Session 1</p> <p>Professor Avinash Bajaj Regional Centre for Biotechnology (RCB), NCR Biotech Science Cluster Faridabad, Haryana</p>
12:30 - 1:30 pm	<p>Technical Session 2</p> <p>Prof. Nisheeth Aggarwal Translational Health Science and Technology Institute (THSTI) Faridabad, Haryana</p>
1:30 – 2:30 pm	Lunch
2:30 – 4:30 pm	Oral presentation: Emerging trends in RNA-based therapeutics

DAY 2: April 26, 2024

10:00 -11:00 am	<p>Technical Session 1</p> <p>Dr. Lekha Dinesh Kumar Chief Scientist Centre for Cellular & Molecular Biology, Hyderabad, Telangana</p>
11:00 -11:30 am	TEA
11:30 -12:30 pm	<p>Oral presentation (Contd.) Emerging trends in RNA-based therapeutics</p>
12:30 - 2:00 pm	Students Activities
2:00 – 3:00 pm	Lunch
3:00 – 4:00 pm	<p>Valedictory Session</p> <p>Dr. Souvik Maiti (Chief Guest) Director, CSIR-IGIB Mall Road, Delhi</p>
4:00 -4:30 pm	Interaction with the students & TEA

Patron: Prof. Virender Bhardwaj

Convener: Dr. Sunita Singh

Organizing Committee

Dr. Jayita Thakur, Dr. Renu Baweja, .Dr. Abhijeet Mishra

Dr. Usha Yadav, Dr. Shvetambri & Dr. Mohini Sharma

For any Queries, please contact

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