

BIOCHEMISTRY REPORT FOR SESSION 2024-25

TEACHER'S DAY CELEBRATION

Date- 5 September,2024

Venue- LT01

Teacher's Day was celebrated with great enthusiasm to honor and appreciate the dedication and hard work of our teachers. The event was organized by the Students of Biochemistry Department. The celebration began with a warm welcome to all teachers. Students showcased their talents through various cultural programs, including: vibrant Bollywood and contemporary dance medley, which brought energy and excitement to the audience. To add a fun element, a group of students sang a medley of Bollywood songs, bringing smiles to everyone's faces. To make the event enjoyable, several games and interactive activities were organized for teachers, such as Bingo, A fun game where students asked questions and teachers had to guess and they played Dumb charades also. Teachers were honored with gifts as a gesture of gratitude.

Attendance:-

1st Year Students	2nd Year Students	3rd Year Students
Adrija Majumder Ananya Singh Anisha Kumari Arushi Lal Arya Shrivastava Deeksha Kumari Ishu Nadha Farih P N Sanskriti Kumari Vanshika Kashyap Zoya Khan	Akanksha Sinha Anjani Upadhyay Anusha Koundal Anushka Tiwari Bhumika Madan Bhumika Singh Deepshikha Kumari Himani Thakur Janhvi Mishra Komal Maneesha Mehak Muskan Nikita Bora Neeraj Prachi Kumari Prerna Patil Reet Chatterjee Ruchika Samiksha Sharma Saniya Choudhary Shriya Tanya Uzma Sawista	Asfia Firoz Sanjana Bisht Shreya Dubey Rafia Rehman Mansi Singh Ritual Mishra Sify Singh Pratingya Leena Kamya Sharma Naina Sehwat Prancy Shahina



TECHNICAL FEST: ELIXIR'24

Date: -23th October ,2024

Venue: - SRG and LT01

Talk Session: Forensic Epidemiology - Investigating Public Health and Disease

The Department of Biochemistry hosted an enlightening talk session on the theme “Forensic Epidemiology: Investigating Aspects of Public Health and Diseases.” The session aimed to provide in-depth knowledge about the intersection of forensic science and epidemiology, highlighting its crucial role in public health. The event was honored by the presence of esteemed guest speaker Dr. Anil Aggarwal, a renowned forensic toxicologist and former director professor of Forensic Science at Maulana Azad Medical College, New Delhi. The session commenced with a warm and respectful welcome extended to Dr. Aggarwal by the faculty, setting the stage for an engaging and intellectually stimulating discussion. As part of Elixir 24', a fest that perfectly blended knowledge, creativity, and thrill, this talk was one of the most thought-provoking sessions. Dr. Aggarwal's lecture opened up a new perspective on forensic epidemiology, illustrating how forensic science plays a vital role in tracking diseases, identifying outbreaks, and shaping public health responses. Through real-life case studies and compelling insights, Dr. Aggarwal captivated the audience, emphasizing how forensic science extends beyond crime investigations to becoming a lifesaving tool in detecting and controlling disease outbreaks. His talk sparked intense curiosity among students, many of whom left the session discussing potential career paths in this unique and impactful field. The session not only deepened students' understanding of forensic epidemiology but also encouraged them to explore interdisciplinary applications of science. The event successfully fostered a spirit of inquiry and innovation, inspiring future scientists to consider careers that bridge forensic science and public health.

VICHAARKOSH 5.0

The next day, the stage was set for a high-energy poster presentation competition, where bright minds from various colleges showcased their research on the theme of "Global Health Surveillance: Forensic Analysis of Emerging Diseases".

Participants showcased their ideas through detailed and visually striking posters, sparking discussions on the role of forensic science in identifying emerging health threats. This made the competition a thrilling display of academic excellence. As the event drew to a close, winners were announced, marking the culmination of a day filled with knowledge, inspiration, and camaraderie.

The event was more than just a competition it provided a platform for students to exchange knowledge, challenge ideas, and gain insights from peers and experts. ELIXIR left participants enriched, motivated, and eager to push the boundaries of scientific discovery.

Attendance: -

1 st Year Students	2 nd Year Students	3 rd Year Students
Akshita Adrija Ananya Bhumi Deepika Harshika Siya Rai Priya Shrishti Anshika Singh Zoya Arushi Lal Anchal Bhatt Chandrika Kumari Madiha Syed Arpita Singh Ishu Anisha Sanskriti Kumari Kavya Vanshika Kashyap Arya Shrivastav	Reet Janhvi Surili Verma Prachi Kumari Bhumika Singh Nishtha Shreya Mittal Saniya Saifi Uttalika Jain Komal Tanya Anusha Tamana K Maheshwari Shriya Bhumika Madaan Maneesha Sharma Ruchika Akanksha Anjani Upadhyay Anushka Tiwari Samiksha Sharma Neeraj Himani Mehak Prerna Patil Muskan Nikita Saniya Choudhary	Kitti Asfia Firoz Rafia Rehman Kamya Sharma Leena Yakshi Bharti Naina Sehwari Bhawani Divya Patel Sanvi Karn Mansi Singh





WORKSHOP ON DROSOPHILA & ZEBRAFISH MODEL ORGANISM

The 3rd year students of Biochemistry department attended a “Workshop on Drosophila & Zebrafish Model Organism” on 16th Nov 2024, at Daulat Ram College, University of Delhi. They learnt about the life cycle of the model organisms and their use in modern biological sciences. They also gained hands on experience on how to grow and work with the model organisms. Dr. V A Pratyusha and Dr. Lakshmi Sarin accompanied the students.

Attendance: -

3rd Year Students
Asfia Firoz
Bharti Kumari
Bhawani Kumari
Kamya Sharma
Kitti Kaushik
Leena
Mansi Singh
Naina Sehrawt
Pragya
Pratiki Kundu
Pratingya Rath
Rafia Rahman
Ritul Mishra
Sanjana Bisht
Sanvi Karn
Shreya Dubey
Yakshi



APPRECIATION DAY

Date: -4th February ,2025

Venue: - BCH Lab

The Biochemistry Department came together to celebrate Appreciation Day, a cherished tradition that recognizes student achievements and fosters a sense of unity. The event commenced with inspiring speeches by Dr. Sadhna Jain and Dr. Lakshmi Pasricha Sarin, who reflected on the history and significance of Appreciation Day. They highlighted how this day has been celebrated over the years and emphasized the importance of recognizing student contributions, as well as their involvement in academic and non-academic activities. This year, Bhumika Singh, Reet Chatterjee, and Himani Thakur were honored for their remarkable achievements and awarded certificates in recognition of their dedication.

The celebration was filled with energy, featuring music, dance, and games, which created a lively and engaging atmosphere. As a special gesture, Dr. Sadhna Jain prepared artworks as gifts, making the occasion even more meaningful. The day concluded on a joyous note, leaving everyone inspired and reinforcing the department's commitment to appreciation and camaraderie.

Attendance: -

1 st Year Students	2 nd Year Students	3 rd Year Students
Arya Arushi Madiha Chandrika Anisha Vanshika Deeksha Sanjana Kavya Garima Arpita Sanskriti Ishu Anshika Siya Rai Ananya Adrija Zoya Khan Nadha Farih PN Priya Gupta Harshika Dhamija Shrishti Gupta	Ruchika Bhumika Madan Prerna Pragati Parkhi Maneesha Neeraj Anusha Koundal Reet Uzma Mushkan Mehak Saniya Choudhary Tamana Yadav Saniya Saifi Shreya Mittal Nishtha Uttalika Jain Janhvi Mishra Shriya Sharma Komal Tanya Himani Deepshikha Anushka Tiwari Anjani Upadhyay Bhumika Singh Akanksha Sinha Nikita Bora Lavisha Parnika	Pratingya Sanvi Karan Asfia Firoz Bhawani Kumari Naina Sehwat Divya Patel Yakshi Kitti Bharti Rafia Shreya Dubey Sanjana Bisht Pratiki



VISIT TO RCB (REGIONAL CENTRE FOR BIOTECHNOLOGY)

Date: -28th February, 2025

Venue: - Regional Centre for Biotechnology (RCB), Faridabad

Our visit to the Regional Centre for Biotechnology (RCB), Faridabad, on National Science Day was an eye-opening experience. We were warmly welcomed and immediately immersed in an atmosphere of innovation.

Watching live demonstrations brought biotechnology to life—seeing how vaccines are developed, how plants are grown in controlled environments for better yield, and how microbial cultures play a crucial role in medicine and industry. One of the most fascinating moments was learning Winkler's Method for measuring dissolved oxygen in water, essential for environmental monitoring. What truly inspired us were the student-led presentations, where young researchers passionately shared their work in genetic engineering, bioinformatics, and structural biology. Alongside this, we participated in fun activities, quizzes, and games that made the experience even more engaging and memorable moment that added to the joy of the day.

This trip wasn't just educational it was a transformative experience. It showed us that science isn't confined to textbooks but has real-world applications that shape our future. We left RCB with a deeper appreciation for biotechnology and a renewed passion for exploring the field.

Attendance: -

1 st Year Students	2 nd Year Students	3 rd Year Students
Arya Akshita Arushi Madiha Chandrika Anisha Vanshika Deepika Kavya Garima Arpita Sanskriti Ishu Anshika Ananya Adrija Zoya Khan Nadha Farih PN Harshika Dhamija	Ruchika Bhumika Madan Maneesha Neeraj Reet Uzma Tamana Yadav Saniya Saifi Shreya Mittal Nishtha Uttalika Jain Komal Tanya Himani Anushka Tiwari Anjani Upadhyay Bhumika Singh Akanksha Sinha Lavisha Prachi Kumari Shriya Sharma Pragati Surili	Pratingya Sanvi Karan Asfia Firoz Bhawani Kumari Naina Sehwat Divya Patel Yakshi Kitti Bharti Rafia Shreya Dubey Sanjana Bisht Kamya Leena Mansi Ritul



TRIP TO EOD

Date: -21st March,2025

Venue: - EOD Adventure Park, Mayur Vihar

To provide students with a refreshing break from their academic routines, the department organized a recreational trip to EOD, for first- and second-year students. The trip was accompanied by our esteemed professors; making it a perfect blend of fun, excitement, and bonding. Upon reaching the venue, we were welcomed with a brief introduction to the various adventure activities available. Everyone was excited to participate and challenge themselves.

The day was packed with thrilling experiences, as students enthusiastically participated in various adventure activities. Some of the key highlights included zip- lining, rope courses, wall climbing, trampoline jumping and archery, which added an element of excitement and challenge to the outing. The mystery rooms and laser tag battles further enhanced the fun and encouraging teamwork among students. Adding to the experience, students and faculty had a short break from an exciting session of adventure sports and shared a delightful meal together, providing a chance to bond over casual conversations beyond academics. The most awaited part of the day was the Rain Dance, where everyone danced to lively music under artificial showers. The energy and enthusiasm were at their peak as students and professors came together to enjoy the moment.

The trip successfully fostered camaraderie and relaxation, reinforcing the importance of balancing studies with recreational activities. It was a well-received initiative that left everyone with cherished memories and a renewed sense of enthusiasm.

Attendance: -

1 st Year Students	2 nd Year Students	3 rd Year Students
Sanjana Kavya Deepika Vanshika Garima Akshita Sanskriti Ishu Anshika Anisha Deeksha	Ruchika Bhumika Madan Maneesha Neeraj Anushka Tiwari Reet Uzma Muskan Mehak Saniya Choudhary Shriya Sharma Deepshikha Kumari Surili Verma	Sana Shahina Prancy



THE POWER OF -TRIDOSHA SESSION

Date: -26th March, 2025

Venue: -LT01

The Department of Biochemistry organized an enlightening talk session on "The Power of Tridosha: Unlocking the Ancient Wisdom of Ayurveda for Modern Wellness" by Vaidya Deepak Kumar. A respected practitioner with over 15 years of experience, he is the Director of DALCO Healthcare and the National Convenor of Medicinal Plants at Arogya Bharti. His extensive knowledge and experience in Ayurveda made the session insightful and engaging. The event began with a traditional lamp-lighting ceremony and a soulful recital of Saraswati Vandana by the attendees, symbolizing the spread of knowledge and enlightenment. A token of love and gratitude on behalf of the whole biochemistry family was felicitated to the speaker by Dr. Sadhna Jain (HOD) and Dr. Lakshmi Pasricha Sarin. The speaker began the session by engaging the students and asking them about their aim in life, what they understand about life, and why they believe they got this life. He then introduced various concepts of Ayurveda, focusing on Doshas and the elements that form the human body. The speaker emphasized the significance of maintaining a healthy body and provided detailed insights into how women can improve their health by incorporating specific lifestyle changes. He discussed natural Ayurvedic remedies for common health issues and explained how daily habits and a balanced diet contribute to overall well-being. He also highlighted how a disciplined lifestyle and a proper routine, as per Ayurveda, can help in preventing and recovering from diseases, ultimately leading to a better quality of life. The session was highly engaging and interactive, with the speaker actively involving students by asking thought-provoking questions. Students also participated by asking their own queries, leading to an insightful discussion.

The session concluded with a powerful reflection on Ayurveda's primary goal: "स्वस्थस्य स्वास्थ्य रक्षणं । आतुरस्य ववकार प्रशमनं च:" (To maintain the health of the healthy and to cure the disease of the sick)

The event was a huge success and was immensely enjoyed by everyone.



Attendance: -

1st Year Students	2nd Year Students
Akshita Ananya Adrija Anchal Bhatt Anisha Kumari Anshika Singh Arpita Arushi Bhumi Deepika Garima Harshika Ishu Kavya Nadha Farih PN Preksha Siya Rai Sanskriti Vanshika Priya Isha	Reet Janhvi Prachi Kumari Bhumika Singh Nishtha Shreya Mittal Saniya Saifi Uttalika Jain Deepshikha Kumari Komal Tanya Anusha Tamana K Maheshwari Shriya Uzma Bhumika Madaan Maneesha Sharma Ruchika Akanksha Anjani Upadhyay Anushka Tiwari Samiksha Sharma Neeraj Muskan Nikita Saniya Choudhary

TALK SESSION: HEAL THE CYCLE BREAKING BARRIERS IN HEALTH & WELL-BEING

Date: 01-04-2025

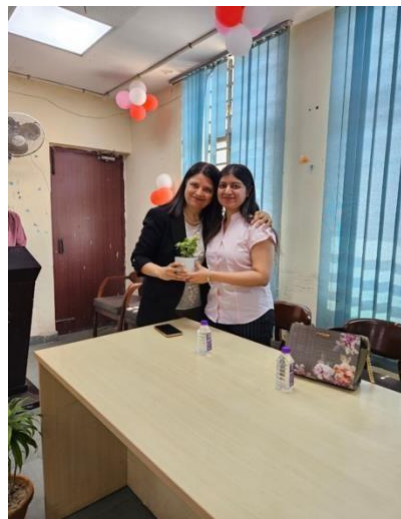
Venue: SRG

The Department of Biochemistry organized an enlightening talk session, focusing on menstrual health and CPR awareness. The event featured esteemed panelists, including Ms. Ananya Grover and her mother, Mrs. Preeti Grover, along with Ms. Debalina Maji, a design graduate from the National Institute of Fashion Technology and social media marketing manager at Heal Cycle. Additionally, Mr. Sursovan, senior nursing staff from the emergency department, and Mr. Dilech Kumar, marketing executive from Yashoda Hospital, conducted a hands-on CPR awareness and emergency response training session. The event commenced with a traditional lamp-lighting ceremony and a soulful recital of Saraswati Vandana, symbolizing the spread of knowledge and enlightenment. As a gesture of appreciation, Dr. Lakshmi Pasricha Sarin, along with other faculty members, felicitated the speakers.

The session began with a practical demonstration of CPR techniques, where trained professionals explained and demonstrated life-saving procedures on a dummy, allowing students to participate and practice under expert supervision. The second segment of the session addressed menstrual health, emphasizing its connection to mental well-being. Through open discussions, the session aimed to break societal stigma, educate students on tracking symptoms, and promote self-care strategies for a healthier lifestyle. By integrating essential emergency response training with a holistic understanding of menstrual health, the event successfully fostered awareness and empowered students with crucial life skills.

Attendance: -

1 st Year Students	2 nd Year Students	3 rd Year Students
Akshita Anshika Singh Arpita Arushi Arya Garima Ishu Kavya Priya Isha Siya Anchal Anisha kumari Chandrika Chinmayee Deepika Sanskriti Vanshika	Reet Janhvi Prachi Bhumika Singh Deepshikha kumari Komal Tanya Anusha Tamana Shriya Maneesha Sharma Ruchika Akanksha Anjani Upadhyay Anushka Tiwari Neeraj Muskan Nikita Himani Pragati Surili	Mansi Pratiki Pratigya Ritul Sanjana Sanvi Shreya Sify





FAREWELL CELEBRATION FOR THE BATCH OF 2025

Date: -25th April, 2025

Venue: -LT01

The Department of Biochemistry organized a heartfelt Farewell Ceremony for the batch of 2025 as a gesture of gratitude and good wishes for their seniors.

The celebration began with a warm welcome to the final-year students, acknowledging their contributions and presence throughout the years. The program included a series of fun-filled activities, games, and cultural performances that created a cheerful and nostalgic atmosphere.

A special moment during the event was the address by the Head of Department and other faculty members, where they shared words of encouragement, appreciation, and best wishes for the future. As a token of love and remembrance, the faculty also presented gifts to the graduating batch.

Light refreshments and snacks were arranged, offering everyone a chance to interact informally and enjoy the occasion together. The event concluded with a vibrant dance session, filled with laughter, joy, and heartfelt emotions.

The farewell was a beautiful blend of celebration and sentiment — a memorable send-off marking the end of a cherished chapter and the beginning of a new journey for the batch of 2025.



