



# ZOOLOGIQUE

2024-25



## ZOONOMIA

THE ZOOLOGICAL SOCIETY

KALINDI COLLEGE

NAAC ACCREDITED A+

UNIVERSITY OF DELHI



# TABLE OF CONTENTS

- I. ABOUT THE MAGAZINE
2. ABOUT THE SOCIETY
3. NOTES FROM THE POSTS
4. FACULTY MEMBERS
5. LAB STAFF
6. OFFICE BEARERS
7. EVENTS OF 2024-25
8. THE POETRY SECTION
9. THE BLOG SECTION
10. THE ARTWORK SECTION
- II. THE PHOTOGRAPHY SECTION
12. WILDLIFE SPEAKS : QIB'S TALE
13. CROSSWORD SAFARI
14. SOME WORDS FROM THE  
OFFICE BEARERS
15. GALLERY
16. CREDITS

# ABOUT THE MAGAZINE

**"The greatness of a nation and its moral progress can be judged by the way its animals are treated."**

Welcome to Zoologique, the official magazine of the Department of Zoology, Kalindi College—an artistic and intellectual platform where science meets creativity. This magazine is more than just pages filled with academic brilliance; it is a vibrant celebration of the curiosity, imagination, and passion of our students.

Zoologique brings together the diverse expressions of our budding zoologists—ranging from thought-provoking blogs and reflective poems, to imaginative short stories, captivating photographs, and intricate paintings. Every piece included in this magazine is a testament to the students' love for the natural world and their desire to explore it not only through textbooks, but through emotion, observation, and creativity.

Each issue reflects the department's commitment to nurturing not just scholars, but storytellers—those who can communicate the beauty, complexity, and fragility of life on Earth. In a world that often forgets the quiet lessons of nature, Wild Whispers reminds us to listen.

Here, science speaks—and sometimes, it whispers.





# ABOUT THE SOCIETY



**Z**oonomia, the vibrant Zoological Society of Kalindi College, is a hub where scientific curiosity meets creativity and community spirit. Under the aegis of the Department of Zoology, Zoonomia brings learning to life by organizing an exciting array of seminars, workshops, competitions, academic fests, and cultural celebrations.

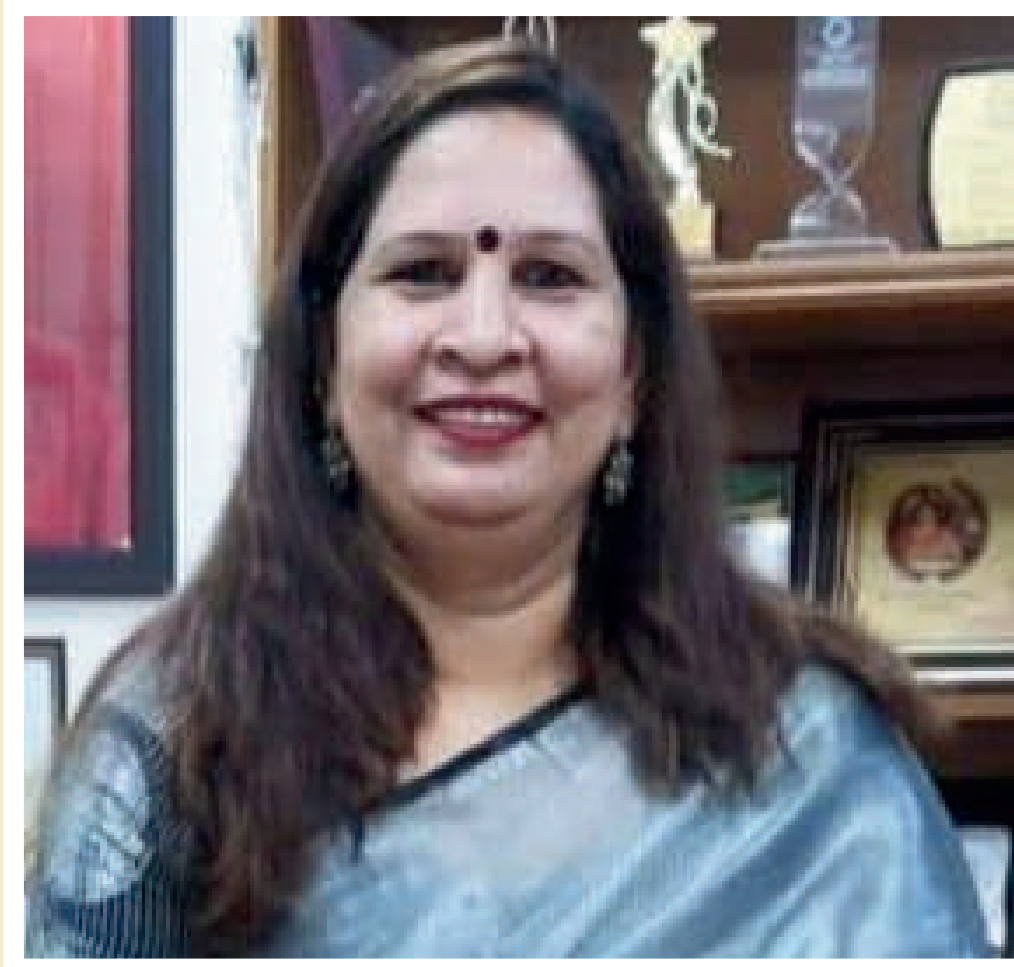
The 2024-25 session was packed with activities that blended education and fun — from hands-on workshops like Foldscope assembly and usage to academic games that tested both wit and knowledge. A memorable Freshers' Welcome was hosted to greet the first-year students, setting a warm and lively tone for their journey ahead. The society didn't stop at academics — it celebrated Teachers' Day with heartwarming, fun-filled events, and hosted a grand annual fest that showcased the talents and energy of the department.

Throughout the year, Zoonomia actively promoted environmental awareness and health consciousness through campaigns and interactive sessions. With a focus on holistic growth, the society not only sharpened students' scientific understanding but also nurtured leadership, teamwork, and communication skills, inspiring them to think beyond textbooks and engage meaningfully with the world around them.



# NOTES FROM THE POSTS

## PRINCIPAL'S NOTE



**PROF. MEENA CHARANDA**  
**Principal,**  
**Kalindi College, University of Delhi**

I feel proud to acknowledge the contribution of highly qualified, dynamic and multi- talented faculty, non-teaching staff and my students of Zoology department. Zoology is the study of animals wherein the student receives a highly comprehensive exposure to all levels of animal function and their diversity. As a subject it inculcates enormous interest in the young minds as they are also part of the animal kingdom. There is no doubt that understanding the development and evolution of animals help to explore ourselves better. The zoological Society has been organising events taking care to broaden the horizons of its students, with exposure to different themes and ideas.

My best wishes to all the students of Kalindi College.

**Prof. Meena Charanda**  
**Principal, Kalindi College**



# NOTES FROM THE POSTS

## NOTE FROM TEACHER-IN-CHARGE



### **DR. VARSHA SINGH**

**Teacher-in-charge, Department of Zoology  
Kalindi College, University of Delhi**

It gives me immense pleasure to present this edition of our Department of Zoology Newsletter “ZOOLOGIQUE”. This platform is a reflection of the vibrant academic and co-curricular life within our department, showcasing the achievements, innovations, and creative expressions of our students and faculty.

Education in Zoology is not just about understanding the animal kingdom — it is about fostering curiosity, nurturing scientific thinking, and cultivating a deep respect for biodiversity and imbibing the tacit environmental balance. Through our diverse curriculum, hands-on practical's, field visits, and research-based learning, we aim to equip students with both knowledge and skills that prepare them for careers in research, education, conservation, and allied fields. The dedication of our faculty and the enthusiasm of our students are the pillars that drive our progress.

This newsletter highlights the achievements, activities, and ongoing developments within the department. I would like to extend my heartfelt thanks to all: the convener and co-conveners, the editorial team, and the faculty who have made this publication possible. May this newsletter inspire continued enthusiasm and a spirit of inquiry in all our readers.

**Warm regards,  
Dr. Varsha Singh**



# NOTES FROM THE POSTS

## CONVENOR'S NOTE



**DR. K. VANDANA RANI**

**Convenor, Zoonomia**

**Kalindi College, University of Delhi**

It fills me with profound delight and a deep sense of fulfillment to contribute this message to our annual departmental magazine, ZOOLOGIQUE. This publication is more than just a compilation of articles—it is a reflection of the rich intellectual culture, artistic imagination, and scientific curiosity that define our department. Within these pages, the voices of our students converge to celebrate the wonders of the natural world, to question the known, and to illuminate the unknown.

The realm of Zoology is constantly changing, presenting countless avenues to delve into the marvels of the animal kingdom, ecological relationships, and new biological discoveries. Through lectures, practical studies, research initiatives, and scholarly debates, our department persistently fosters a learning atmosphere that promotes questioning, originality, and cross-disciplinary thought.

This publication transcends being merely a compilation of writings; it stands as proof of the commitment, intelligence, and enthusiasm that our students and faculty dedicate to their pursuits. I offer my sincere gratitude to all who contributed, edited, and coordinated, working relentlessly to bring this edition to fruition. Let us continue to welcome inquisitiveness, maintain scientific honesty, and aim for distinction in all that we do. My hope is that this issue motivates and educates its readers, mirroring the very spirit of our department.

**With warm regards and heartfelt wishes,  
Dr. K. Vandana Rani**



# NOTES FROM THE POSTS

## CO-CONVENOR'S NOTE



**DR. PRIYANKA DAHIYA**

**Co-convenor, Zoonomia**

**Kalindi College, University of Delhi**

It gives me immense pleasure to pen this note for Zoologique, the annual magazine of the Zoonomia, Zoological Society of Kalindi College. As the co-convenor of the society, I have had the privilege of witnessing the intellectual curiosity, creativity, and collective spirit that define our vibrant student community.

This academic year has been especially enriching, marked by seminars, workshops, field visits, and innovative student-led initiatives that reflect the dynamic essence of the department. The dedication and enthusiasm of our students, supported by the unwavering guidance of our faculty, have been the cornerstone of all our endeavors.

This edition of Zoonomia reflects their passion and perseverance. I congratulate the entire team for their efforts in bringing together such a thoughtful and engaging compilation. As we look to the future, I leave you with these words by Carl Sagan: “Somewhere, something incredible is waiting to be known.” Keep exploring, keep questioning, and never stop learning.

With warm wishes,  
Dr. Priyanka Dahiya



# NOTES FROM THE POSTS

## CO-CONVENOR'S NOTE



**MS. SHIKHA RANI**

**Co-convenor, Zoonomia**

**Kalindi College, University of Delhi**

As I write this note, I am filled with a deep sense of pride, gratitude, and connection to everyone who is part of our Zoology family. This magazine is not just a publication—it's a reflection of the passion, hard work, and dreams that thrive within the walls of our department.

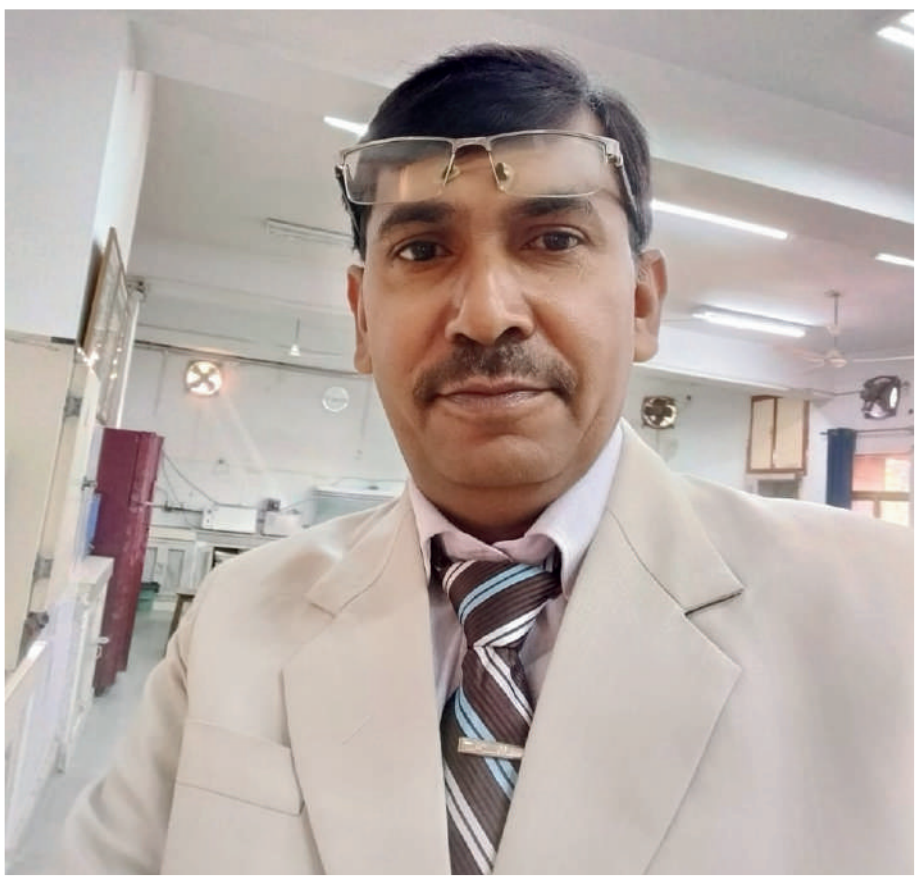
Every article, photograph, and piece of creative work in these pages tells a story—of curiosity, of discovery, and of the tireless pursuit of knowledge about the natural world. It is truly moving to witness how our students and faculty come together, not just as learners and teachers, but as explorers united by a shared love for life in all its forms. To the students who have poured their thoughts into words, and to the faculty and team who guided and supported this endeavor—thank you. Your efforts make this magazine more than just a project; they make it a celebration of who we are.

May this edition inspire every reader to look at the world with wonder, to keep asking questions, and to never stop learning. Here's to the beauty of nature, the joy of discovery, and the bonds we build through our shared journey.

With warm regards,  
Ms. Shikha Rani



# FACULTY MEMBERS



**DR. PREM PRAKASH SAINI**

Dr. P P Saini did his graduation from Govt. College, Neem Ka Thana, Rajasthan and his Masters as well as Ph.D in Zoology from University of Rajasthan, Jaipur. His topic of research in Ph.D was 'Study on Modifications of Body Resistance of Swiss Albino Mice by  $\beta$ -Carotene Rich Plant Extract' and has published many papers on Radiation Biology. Saini sir love to learn new things by surfing on the internet or studying in his free time.



**DR. MANISHA ARORA PANDIT**

Dr. Manisha did her graduation from University of Delhi, her post-graduation from Sardar Patel University. She did her PhD from University of Delhi in the field of Endocrinology and has published many papers in the field of endocrinology. Beside her interest in science Dr. Manisha is an avid traveller who never misses an opportunity to hop on a plane, train or car to a new and unexplored destination. Interests range from snorkelling in Phuket to trekking to the top of Mount Batur in Bali to biking in Singapore or exploring the wonders of Uttarakhand, relaxing on the beaches of Goa or the islands of Greece, dragon boating and kayaking. She can be frequently seen planning her next escapade with family and friends. Hopping include sweating it out in the gym or going for long walks to reading fiction novels along with binging on Netflix.





# FACULTY MEMBERS



**DR. TARKESHWAR  
GAUTAM**

Dr. Tarkeshwar did his graduation and Masters from Kirorimal College, University of Delhi. He did his PhD in Zoology from University of Delhi completed his degree in the year 2013 and later joined Kalindi College as a professor in 2014. His research interest are Applied Entomology, Insect-Plant Resistance, Microbiology and Bioinformatics. He has written a thesis titled 'Behavioral and Physiological responses of Spilosoma towards Chinaberry'. He has published many papers in renowned journals. Apart from scientific contribution, Dr. Tarkeshwar loves to play flute and enjoy singing.



**DR. KANCHAN BATRA**

Dr. Kanchan is a dedicated academician with a strong foundation in Zoology. She completed her graduation from Maharshi Dayanand University, Rohtak, and went on to pursue her Master's and PhD in Zoology from Kurukshetra University, Kurukshetra, completing her doctorate in 2001. During her academic journey, she was awarded a Gold Medal at Kurukshetra University in recognition of her excellence. Her primary research interest lies in Ecology, and she has consistently explored this field with depth and curiosity. With years of teaching experience, her teaching philosophy emphasizes inclusivity, aiming to ensure that every student, regardless of their learning pace, fully comprehends the subject matter. Beyond academics, Dr. Kanchan is an avid reader and enjoys delving into new ideas within her discipline. She also finds joy in listening to music and continuously broadens her perspective through both science and art.





# FACULTY MEMBERS



**DR. SHANUJA BERI**

Dr Shanuja Beri, a graduate student of the University of Delhi, did her Masters from Jawaharlal Nehru University. Her PhD was in the field of Neurophysiology and Biochemistry from JNU with 6 years of research experience. She prepared thesis titled 'Response of lipid peroxidation mediated experimental epilepsie to anti peri oxidant drugs'. She has avid interest in research having worked as a fellow in The Energy Resources Institute (TERI) in various projects related to Biofertilizers and Bio fuels. She has been teaching in Kalindi College for the past 8 years where she continues to engage undergraduate students in research projects. Her hobbies are gardening, cooking and reading apart from music.



**DR. VARSHA SINGH**

Dr Varsha Singh completed her graduation and post-graduation from University of Allahabad. Her PhD was in the field of Neuroendocrinology and reproductive biology from Banaras Hindu University, Varanasi. Her research interest are comparative reproductive endocrinology and published more than a dozen of research articles in well reputed international journals. She has four major research projects (UGC, DST and University of Delhi) and 6 minor in house projects. Beside her professional interest she loves painting, knitting, cooking and reading books.





# FACULTY MEMBERS



**DR. K. VANDANA RANI**

Dr. K Vandana Rani has completed her M.SC, M. Phil and PhD from University of Delhi. She has also received 'University Faculty Development fellowship 2015' to do Master of Research from University of Nottingham where she completed her M. Research. She has more than a dozen of publication in well reputed peer reviewed or indexed journals with good impact factor. Also wrote book chapters in several published books. In the field of research she have 2 major (DBT & University of Delhi) and 4 minor projects (In house college project) in account. She has received several awards like Fellowship of ABRF (FABRF), Innovative Idea award, Best Paper award, both junior and senior research fellowship. To exchange academic knowledge she organized several National or International seminars. Within the year 2017 to 2020 she served as Nodal officer of Delhi University for Foreign Students in Kalindi College.



**DR. M. ROJINA DEVI**

Dr. Rojina Devi completed her graduation (2010) and post-graduation (2012) from University of Delhi. Awarded Ph.D. degree in the year 2017 from University of Delhi. She has worked as a principal investigator for in-house project titled 'Reinvigorate the Butterfly Conservatory' in Kalindi College, University of Delhi. Her hobbies are teaching, gardening, baking, cooking and knitting. She believes in perseverance, patience and doing everything with good faith.





# FACULTY MEMBERS



**DR. SAURABH KUMAR  
JHA**

Dr. Saurabh Kumar Jha is an Assistant Professor in the Department of Zoology, Kalindi College, University of Delhi. Prior to this, he served for over five years as Assistant Professor in the Department of Biotechnology at Sharda University, Greater Noida. He holds an M.Sc. in Biotechnology from VIT University, Vellore, and a Ph.D. in Biotechnology (Neurobiology) from Delhi Technological University. He is also a Fellow of the International Association of Stem Cell Research. His research interests include Neuroinformatics and Stem Cell Biology, with expertise in molecular chaperones and ubiquitin E3 ligases in neurodegenerative disorders, and the therapeutic effects of biomolecules in aged neurons and muscles. Dr. Jha has authored over 150 peer-reviewed articles in high-impact journals like Molecular Cancer, Seminars in Cancer Biology, Journal of Controlled Release, Ageing Research Reviews, among others (h-index: 28; i10-index: 78; cumulative impact factor: 1100; citations: 3200). He holds more than ten patents and has published a book with Springer International Publishing. He received the 'Commendable Research Excellence Award' from DTU in 2018 and the 'Best Stem Cell Researcher Award 2019' from Prof. (Dr.) Michele Zocchi, University of Turin, Italy. He has presented over 20 papers at international symposiums and designed two new courses—Stem Cell Technology and Regenerative Medicine and Genetic Engineering—for B.Tech/M.Sc./PGD levels at Sharda University. He also has an outstanding record in teaching, research, and placements at the undergraduate and postgraduate levels in Biotechnology.



**DR. NEETI PANDEY**

Dr Neeti Pandey is working as an Assistant Prof. in Department of Zoology, Kalindi College, University of Delhi. She obtained her M. Sc. (Zoology) degree from Department of Zoology, University of Delhi and PhD degree in Cell and Molecular biology from Dept. of Zoology, University of Delhi. She has also served for seven years as Assistant Prof. in Department of Zoology SGTB Khalsa College, University of Delhi before joining Kalindi College in 2023. Her area of interest are Stem cell culture, Stem Cell biology, insect gut microbiota, Microbiology and Bioinformatics. She has published more than 10 research paper in peer reviewed and high impact factor international journal such as FEMS Microbiology, PLOS ONE, Journal of Microbiology & Biotechnology and BMC Microbiology. She has also published 10 sole author books with S. Chand publication house and 7 books as co-author with S.Chand publication house on subjects like Animal Diversity, Cell and Molecular Biology, Animal Biotechnology, Apiculture, Applied Entomology etc.





# FACULTY MEMBERS



**DR. PRIYANKA DAHIYA**

Dr. Priyanka Dahiya is a passionate and dedicated faculty with expertise in Immunology. She is a graduate, post-graduate and doctorate from University of Delhi. With profound curiosity for immunological responses against microbes, her research interests as highlighted through high impact publications led to unraveling of cell signalling events that have significant importance in the field of Cell biology, Molecular biology and aquatic zoology. She also worked as a Post-Doctorate Fellow in IIT-Delhi, whereby her journey in academics was equipped with robust analytical skills, keen eye for details and innovation in advancing the understanding of Immunobiology. Before starting her teaching career in Kalindi Mahavidyalaya, her teaching profile shows a breadth of experience. Apart from academics, she finds joy in painting, gardening and repurposing discarded items into artistic creations. Additionally, she is fond of engaging in physical activities like yoga and dancing.



**MR. VIKASH YADAV**

Mr. Vikash Yadav completed his bachelor's in science from Shivaji College under University of Delhi in the year 2017. And completed his Masters from the Department of Zoology, University of Delhi in the year 2021. He also worked in Aakash Institute where he taught NEET-UG aspirants and mentored hundreds of aspiring doctor's. Other than teaching, he is also interested in playing Badminton , teaching and cricket.





# FACULTY MEMBERS



**MR. GULSHAN YADAV**

Mr. Gulshan Yadav completed his bachelor's from Shivaji College under University of Delhi and his MSc from Shri Venkateshwar College in the year 2017. He is pursuing PhD in medical science from ICMR Institute of Pathology starting from the year 2018. His research paper is entitled as 'studies on assessing the role of CRISPR - Cas system in virulence and resistance in *acinetobacter baumannii*'. He was awarded the Joint CSIR/UGC-JRF in Life Sciences in June 2016. He has avid interest in research particularly in the field of bacterial resistance, phage therapy, CRISPR-Cas, next generation sequence data analysis. His hobbies are poem writing, playing bamboo flute , playing cricket and kabaddi.



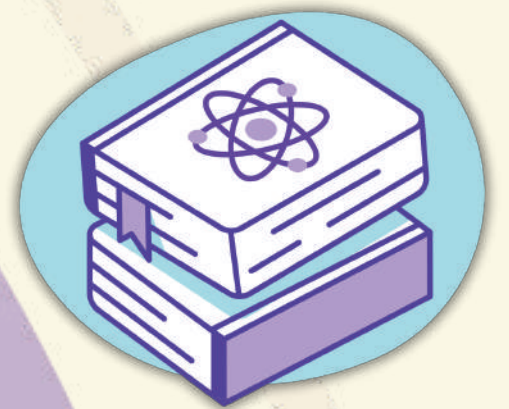
**MRS. SHIKHA RANI**

Dr. Shikha Rani did her graduation in 2016 from Sri Venkateswara college(DU), post graduation from Department of Zoology (DU), MPhil from Department of Zoology (DU), Pursuing PhD from (4th year) Department of Zoology (DU). Her topic of MPhil was 'sex determination in catfish' and topic of PhD is 'immunostimulatory effect of plant extract in fishes'. Side by side she worked in AIIMS (New Delhi) with rats and *C. elegans*. She was also member of Venky folk dance society and won several prizes in different colleges. Her hobbies are traveling, dancing and having a chill time with her close ones.





# LAB STAFF



**Mrs. Sushma Devi**



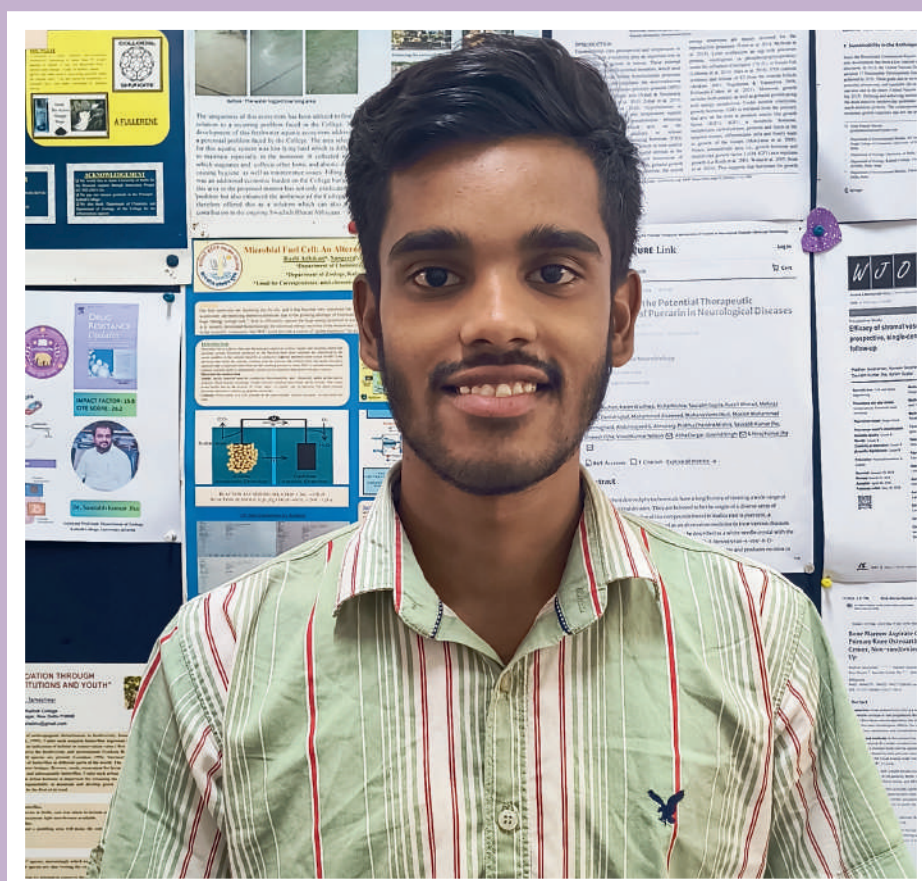
**Mr. Sunil Dhyan**



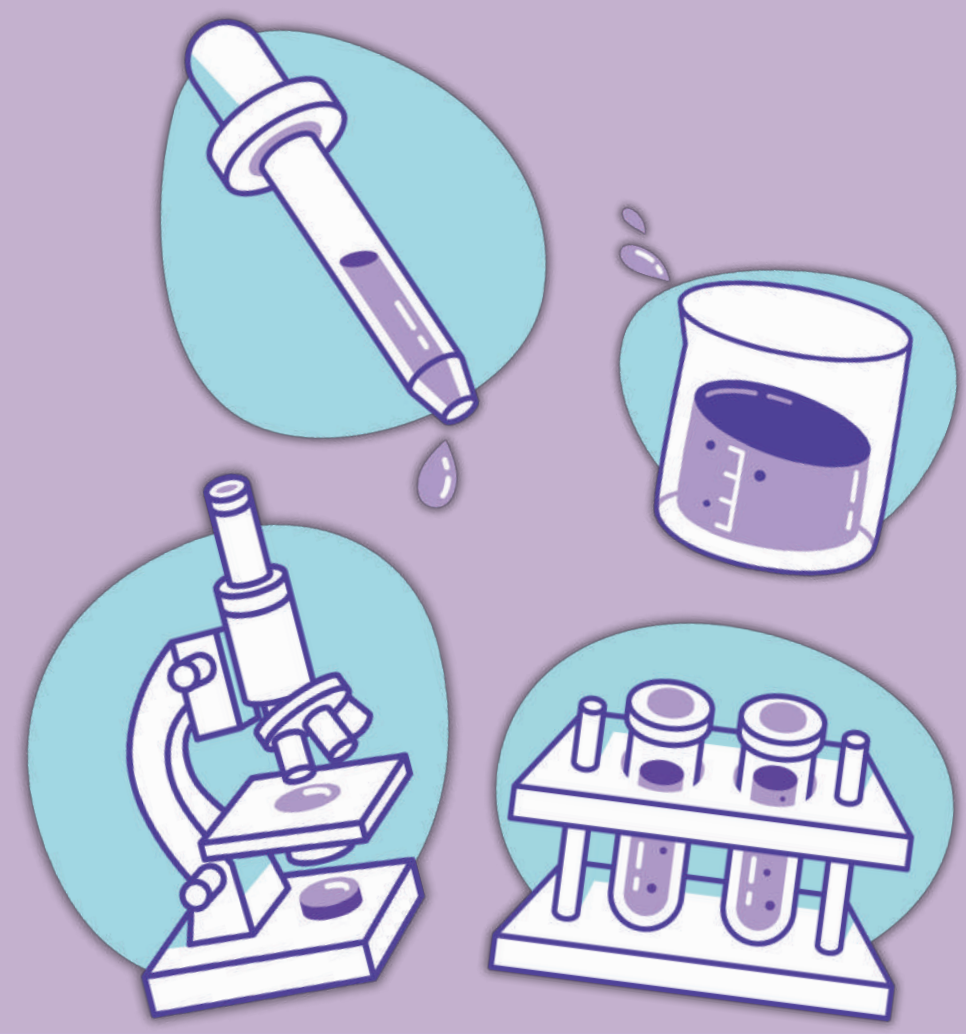
**Mr. Anoop Singh**



**Mr. Amar**



**Mr. Ankit**





# OFFICE BEARERS



**DR. K. VANDANA RANI**  
(Convenor)



**MS. SHIKHA RANI**  
(Co-convenor)



**DR. PRIYANKA DAHTYA**  
(Co-convenor)



**SRUTI ADHIKARI**  
(President)



**YASHITA DAHTYA**  
(Vice-President)



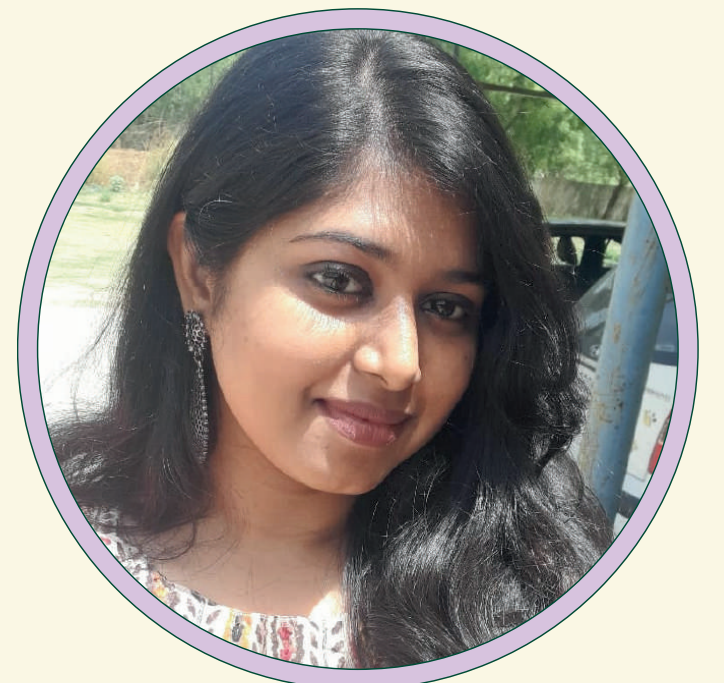
**SHIVANI SINGH**  
(Treasurer)



**TANASVI KAPASIA**  
(Cultural Secretary)



**YADAV ANJALI RAJKUMAR**  
(Media Head)



**SANJANA MAIKUP**  
(Media Secretary)



**MANYA ARORA**  
(General Secretary)



**ADYASHA JENA**  
(Technical Head)



# Events of 2024-25

## TEACHER'S DAY CELEBRATION

**Date: 5th September 2024**

**Time: 10:30 AM**

**Venue: Zoology Museum**

Teacher's Day was celebrated with warmth and gratitude in the Department of Zoology, honoring our teachers for their constant support and guidance.

Students organized fun games like Dumb Charades and a drawing contest where teachers sketched each other, creating a joyful atmosphere. The celebration featured a variety of student performances dedicated to expressing appreciation for the faculty. Some students recited touching poems, others sang soulful songs, and several delivered energetic dance performances that added vibrancy to the event. In a delightful turn, the teachers also took the stage—some shared beautiful songs, while others joined in the dances, creating moments of joy and camaraderie.

The celebration concluded on a high note with a ceremonial cake-cutting and a collective dance session, bringing everyone together in a spirit of unity and joy. It was, without a doubt, a memorable and cherished day for all.





# OATH CEREMONY'24

**DATE: 18th October 2024**

**TIME: 10:30 AM**

**VENUE: Seminar Room**



The Zoonomia (Zoological) Society of Kalindi College organized an Oath-Taking Ceremony for the office bearers on October 18th, 2024. The event began with a welcome address by the convener, along with the presence of co-conveners, faculty members, and esteemed guests.

Dr. Tripti Sharan, our chief guest, enlightened the students with her insightful session on sexual health and development. Students had the opportunity to ask questions regarding identity formation during young adulthood, which fostered a more open and informed attitude towards sexuality. The session was highly interactive, and students expressed satisfaction with the responses they received.

Following the interactive session, the oath-taking and badge pinning ceremony for the newly elected office bearers took place. The event concluded with a heartfelt vote of thanks by the convener.





# FRESHER'S OF BATCH'24

**DATE : 18th October 2024**

**TIME : 12.30 PM onwards**

**VENUE : Sangam Parisar**



The college extended a heartfelt welcome to its newest batch of students through a vibrant and memorable fresher's event titled "Vivify: Embrace the Fresh Spirit." The atmosphere buzzed with excitement as the day unfolded with a dynamic blend of dance and music performances, theatrical acts, soul-stirring speeches, and mouth-watering delicacies. The highlight of the celebration was the much-anticipated Miss Freshers contest, where freshers dazzled the stage with confidence and charm. Titles like Miss Freshers, Miss Perfect Walk, and Miss Well Dressed were awarded, celebrating grace, style, and elegance.

Adding to the thrill, the crowd erupted in cheer and energy as the post-contest DJ session kicked off. The dance floor came alive with students letting loose and dancing their hearts out, creating an atmosphere of sheer joy and togetherness.

The event was not just a welcome — it was a celebration of new beginnings, friendships in the making, and memories that will last a lifetime. The faculty and senior students extended their warmest wishes, hoping this marks the start of a meaningful, successful, and enriching college journey for all the freshers.





# FOLDSCOPE WORKSHOP

**DATE : 4th March 2025**

**TIME : 12 PM**

**VENUE : Zoology Lab**



On 4th March 2025, an engaging and educational workshop was conducted by Dr. Rishikesh Krishan Laxmi and Dr. Joni Yadav on the innovative Foldscope microscope. The session aimed to introduce students and teachers to the low-cost, paper-based microscope known for revolutionizing access to science and microscopy, especially in resource-limited settings. Dr. Rishikesh and Dr. Yadav began the workshop with a brief history of the Foldscope's invention, highlighting its development as an affordable and portable tool that brings microscopy to classrooms and fieldwork. Participants were guided through the assembly process of the Foldscope and trained on its usage for observing microscopic samples such as plant cells, fibers, and microorganisms.

The hands-on session allowed students to explore a microscopic world using their own Foldscopes, sparking curiosity and enthusiasm for science. The facilitators also demonstrated how the Foldscope can be connected to smartphones for imaging and documentation, bridging traditional and modern techniques. The workshop was well-received by all attendees, with active participation and numerous questions that reflected a keen interest in scientific exploration. It successfully promoted experiential learning and emphasized the importance of accessible scientific tools in education, inspiring students to pursue further inquiry into the microscopic world around them.





# ANNUAL FEST

**DATE : 6th – 7th MARCH 2025**  
**TIME : 10 30 AM ONWARDS**  
**VENUE : ZOOLOGY LAB AND**  
**SANGAM PARISHAR**



Inter-college fest ZENITH'25 was organised on March 6th and 7th 2025. The first day commenced in the Zoology Department, with lighting of the lamp in presence of the invited guest Dr. Anil Kumar, Staff Scientist in the National Institute of Immunology, New Delhi. Our esteemed guest of the day enlightened students and teacher on Investigating the Anticancer Role of Gut Microbiota Derived Metabolites. Following the informative session several competitions including Photographic competition, Poster making competition, Quiz game and 'SpellBee' were organized.

On the second day, March 7th 2025, the event commenced with diverse performances by Naina, Aniket Upadhyay, Diza, Khushi, Pratham Kumar, M Charanya, Shivam Waswani, Adarsh Suryavanshi, Shreya Debnath, Arunangshu Nath, Archi, and Loverzzzz. The event witnessed enthusiastic participation and a large audience. All performers received certificates of appreciation, making the fest a memorable and fulfilling highlight of the academic year.





# ACADEMIC VISIT

**Date of Visit: 7th April 2025**

**Venue: Kamla Nehru Ridge, Delhi**

**Faculty Members: Dr. M. Rojina Devi and  
Mr. Gulshan Yadav**

**Guided by: Mr. Harmeek Singh  
(Field Biologist, Biodiversity Parks,  
CEMDE, University of Delhi)**



On 7th April 2025, our esteemed faculty members, Dr. M. Rojina Devi and Mr. Gulshan Yadav, embarked on an insightful academic field visit to Kamla Nehru Ridge, Delhi. Organized under the expert guidance of Mr. Harmeek Singh — a renowned Field Biologist with the Biodiversity Parks Programme, CEMDE, University of Delhi. The visit aimed at collecting critical data for biostatistics research, while simultaneously deepening the understanding of urban ecology.

Throughout the visit, Mr. Harmeek Singh provided a comprehensive overview of the Ridge's rich biodiversity, the ecological restoration efforts underway, and its crucial role in sustaining Delhi's environmental health. He also shared fascinating insights into the historical evolution of the Ridge, highlighting its cultural and ecological importance as one of the city's oldest green spaces. The discussions delved into the challenges posed by invasive species and the ongoing strategies to restore native habitats. A special highlight of the visit was a tour of the Butterfly Conservatory, where the team observed conservation practices focused on pollinator species vital to urban ecosystems.

Overall, the visit proved to be a truly enriching experience — blending practical exposure, research-oriented learning, and a renewed appreciation for the vital role of biodiversity parks in urban sustainability





# THE POETRY SECTION

## THE GAME WE CAN'T WIN

The world is not always fair, they say,  
A wicked place where shadows sway.  
When death comes knocking, cold and deep,  
You never know the secrets it keeps.

A terrible realm, with dust and grime,  
Where truth's a thing you cannot find.  
Some doors are locked, some tales untold,  
In this cruel game, you fight for gold.

To survive, you die again and again,  
Chasing the light through the endless pain.  
Uncertainty wraps you in a tight embrace,  
A constant dance with time and space.

They tell you, "Go with the flow,  
Let life unfold as it's meant to go."  
But the flow turns bitter, the currents rise,  
A bitter truth behind every disguise.

Your life isn't yours, it's lent to the storm,  
A fragile thing, lost and worn.  
A freaky world, where hope is thin,  
And you're just a player in a game you can't win.

The ground is cracked, the sky is gray,  
Every step feels like it's slipping away.  
You build your walls, but they fall so fast,  
Chasing a future that can never last.

What is this world but a game of chance,  
Where even dreams are left to dance  
In circles of doubt, in webs of fear,  
Where the answers never seem quite clear.

You stand, you stumble, then rise again,  
But each step forward feels like a sin.  
There's a heaviness, a weight you can't shake,  
A feeling that's never fully awake.

Your mind is filled with fleeting thoughts,  
Confusion in every battle you've fought.  
The faces around you change in the crowd,  
And the voices that once spoke are now loud,

Screaming things you cannot comprehend,  
Whispering lies that never end.  
Every moment seems like a fleeting haze,  
A broken compass in a world that sways.

You try to hold on, but you slip through the  
cracks,  
Always looking ahead but never looking back.  
You wonder if anyone ever truly knows  
The weight of the journey, where it goes.

But there's no answer, only a dark abyss,  
A place where dreams fade into the mist.  
So you play the game, you live the lie,  
And wonder if you'll ever know why.

Because in the end, maybe the truth is clear,  
That survival is all we hold dear.  
And in this world, we fall, we rise,  
A game of survival under endless skies

- YASHITA  
BSC (HONS) ZOOLOGY



# THE POETRY SECTION

**और मैं बड़ी हो गई !**

## **Believe in yourself**

Whenever I believe this will be the last time

The time travels and come back again and again

It just become that scar which is going to be with you always

And it will always remind you the pain again and again

This pain is not your weakness it's now your strength

The strength to be with you and stand for yourself

People will come and go and might not go But you should laugh  
for yourself again and again

This life is one time opportunity don't waste it because of  
others

You should believe in yourself despite anything again and again

**- SHIVANI SINGH**  
**BSC (HONS) ZOOLOGY**

घर के इन झरोखों से,  
जो ही देखने लगी मैं बाहर  
सोचने लगी हूँ ध्यान से,  
ज़हन में आया वो एक विचार

वो बचपन जैसे ढलता गया,  
तो हर गली शांत हो गयी।  
हर पल जैसे भर सा गया,  
और मैं बड़ी हो गयी।

करके अपने कदम बाहर,  
होने चली थी रुबरु,  
जैसे मैं कोई पाखी बेकरार ।

बेखबर शहर में आई थी,  
एक अंजान हवा का स्पर्श हुआ।  
फिर मैं थोड़ी घबराई थी,  
मन था मेरा सहमा हुआ।

करके यूँ हर दिन गुज़र  
तब जाके आया था  
परेशान मन में कहीं सब्र ।

अब दिल है थोड़ा हिम्मत में,  
तो मन विश्वास से है भरपूर ।  
देखूँ खुद की आँखों में,  
तो दिख रहा है जैसे एक नूर ।

जब आऊँ मैं वापस, मगर !  
अपने ही शहर में, लौटकर !

फिर ये ख्याल आ गया  
वो वाकिफ़ हवा, अजनबी हो गई ।  
बस ऐसा एहसास आ गया,  
कि मैं जल्द ही बड़ी हो गयी।

**YASHMITA**  
**BSC (HONS) ZOOLOGY**



# THE POETRY SECTION



## PLANTAE

Oh plants, you are adorer  
Stealing hearts with flower  
Encountering healing power  
Nature has made you to admire

Whether a shrub or a herb  
So fascinating along the kerb  
Trees with strength and longing age  
Providing shelter out of cage

Let the breeze move the shoots  
Fasten by the jumbled roots  
Being supporter in the glooms  
Keeping nectar in your blooms

Beauty lies in pretty orchid  
Saplings seems so much florid  
Open up the floral lid  
For world, you are a star kid

Oh plants, you are so great  
Must be born with zero hate  
For all small or big endure  
You seems like a worthy cure

Aesthetics lies in tepals  
Always surrounded by tiny pebbles  
Joining the whorls together  
You are responsible for change in weather

Because of you we are alive  
In absence, no one is able to thrive  
Nature's lap allows us to survive  
Oh little plants,  
Please make us revive!

**BHOOMIKA RAWAT**  
**BSC (HONS) BOTANY**

## WORTHY ENOUGH

You are not hard to love  
They didn't put you above  
With your heart so pure  
They deserve to be endure

You are not perfect  
Neither a culprit  
Ignoring the jumbles  
Out of all the puzzles

My darling, you are beautiful  
They should be shameful  
Who made you weep  
Called such a creep

And that was not your fault  
It was meant to be halt  
They won't need reminder  
To make themselves surrender

Lady, don't shrink yourself  
Brave enough to handle oneself  
You were not the problem  
Instead a reason for someone's blossom

Choose your worthy soul  
Rather a gloomy hope  
Open up your heart wide  
Gather courage to revive

Stop cursing the fate  
Open up your building gate  
Embrace your healing potential  
Believe in your grounded credential

**BHOOMIKA RAWAT**  
**BSC (HONS) BOTANY**



# THE BLOG SECTION



## The Journey of Self-Discovery: Finding the Way Back to Myself

Today, as I sat alone, I asked myself a question that many people ask at some point in their lives: “Am I the one who is wrong?” It seemed like a simple question, but I couldn't find an answer. I dug deep inside my thoughts, looking for clarity, but the more I searched, the more confused I became.

After a while, I realized that perhaps the question I was asking was itself wrong. The real question I needed to ask wasn't whether I was “wrong,” but whether I was making the right decisions, whether I was acting in the right way, or whether I had made a mistake. It wasn't about right or wrong in the grand sense, but about figuring out whether the choices I had made were aligning with who I truly wanted to be.

As I pondered this, a sense of unease crept over me. There was this gnawing feeling that something wasn't right. I had always tried to follow a path that felt authentic, but somewhere along the way, I had lost my direction. That's when I asked myself again, “Am I the only one who's making mistakes, or are the people around me also lost in their own ways?” The more I thought about it, the clearer it became that we are all walking paths of uncertainty, trying to figure out where we are going and why.

I stood up, feeling restless, and decided to take a walk. Sometimes, getting out of your head and moving around can give you a fresh perspective. As I walked, I found myself retracing my steps, almost like I was physically searching for the answers that seemed so elusive. I passed familiar places, walked past corners I had once turned in search of something I never quite understood.

Then, I looked around. I noticed something. I was no longer in the place I had originally intended to be. The path I was walking on had veered somewhere along the way, and I hadn't even noticed. The feeling of disorientation hit me hard. It was like I had been walking in the dark without realizing it. Was I lost, or was I simply heading in a direction I hadn't planned?

It was in that moment of confusion that I understood a deep truth. Life doesn't always go as planned. We don't always follow the straight path we think we should be on. And yet, there's a strange beauty in it. Sometimes, we get lost just to find ourselves again.

I thought to myself, “Maybe this is the moment to stop and find a new way forward. Maybe I can take the lessons from the path I've walked and use them to create a better one.” But then, in the back of my mind, I felt this whisper of doubt, as though I was just going to repeat the same mistakes, over and over again. And that's when the real question emerged: “Am I making a habit of choosing the wrong path?”

I stopped walking for a moment and sat down on a bench. My mind was racing with thoughts. “Have I lost my way?” I kept asking myself. “Have I been making the wrong choices for so long that I don't even know how to find the right one anymore?” It felt like I had been stuck in this cycle, constantly doubting myself, questioning my decisions, and wondering why I could never seem to get it right.

But then, something inside me clicked. I remembered the times in my life when I had made the right choices, the moments when I had felt strong and confident. And I realized that I had lost sight of that confidence. Somewhere along the way, I had stopped trusting myself. I had started relying on the opinions of others, looking for validation outside of myself, and as a result, I had lost my inner compass.

This realization hit me hard. It wasn't that I had been making the wrong decisions all along; it was that I had stopped trusting my own ability to make them. I had become so focused on what others thought or what the world expected that I forgot to listen to my own heart. I had lost my sense of self in the process.

And that's when I realized that finding my way back wasn't about finding a physical path or a destination. It was about finding my trust in myself again. I needed to reconnect with the person I once was — the person who made decisions with confidence and followed her heart, regardless of what anyone else thought.

But how could I do that? I had been so lost for so long, so unsure of my own abilities, that I didn't know where to start. I thought about the times when I felt truly alive, when I felt like I was on the right track. What was different about those moments? What had I done to feel so sure of myself?

I realized that the key was simple: I had to start trusting myself again. I had to let go of the fear that had been holding me back. I had to stop doubting every decision, every step I took. I had to trust that I was capable of finding my way, even if it wasn't clear right now.





But even as I thought about this, a part of me resisted. It wasn't that I didn't want to trust myself; it was that I had become so accustomed to doubting myself that I didn't know how to stop. The doubt had become a part of me, a voice that whispered in my ear, telling me I wasn't good enough, that I couldn't do it.

It was hard to silence that voice. It was hard to believe that I could ever be the person I once was. But then I realized something important: The road to self-trust doesn't happen overnight. It's not a straight line. It's a journey — one where you have to fall down, get back up, and keep moving forward, even when it feels like you're going in circles.

I stood up from the bench and decided that I wasn't going to give up. I wasn't going to keep walking in circles, lost and unsure. I was going to keep searching for that trust, that confidence, that part of myself that I had left behind.

The thing about self-discovery is that it's never a clear-cut path. There are moments when you feel completely lost, when you question everything, when you wonder if you'll ever find your way. But there's also something beautiful about that uncertainty. It's in those moments of doubt that you grow the most. It's in the darkest times that the light begins to shine through.

As I continued my walk, I thought about the dreams I once had — the ones I had put on hold because I didn't believe in myself anymore. I remembered the fire I had once felt, the passion that drove me to keep moving forward, no matter how difficult things got. And I realized that those dreams weren't gone. They were still inside me, waiting to be reignited.

Success doesn't come from walking a straight line. It comes from falling, learning, getting back up, and moving forward. It's not about perfection; it's about progress. And that's something I had forgotten. I had been so focused on getting everything right, on following the "perfect" path, that I had lost sight of the fact that it's the imperfect, winding journey that leads to true growth.

I stood there, in the middle of the road, and smiled to myself. I had found something — a spark of hope, a flicker of trust. I wasn't lost anymore. I was on my way back to myself.

And as I walked on, I realized something even more profound. The real destination isn't a place, but a state of mind. It's about trusting yourself, even when the road ahead is unclear. It's about believing that you have the strength to keep going, no matter how many times you fall.

I may not have all the answers yet. I may not know exactly where this journey is going to take me. But I do know one thing: I'm not giving up. I'm finding my way back to myself, one step at a time. And that's all that matters.

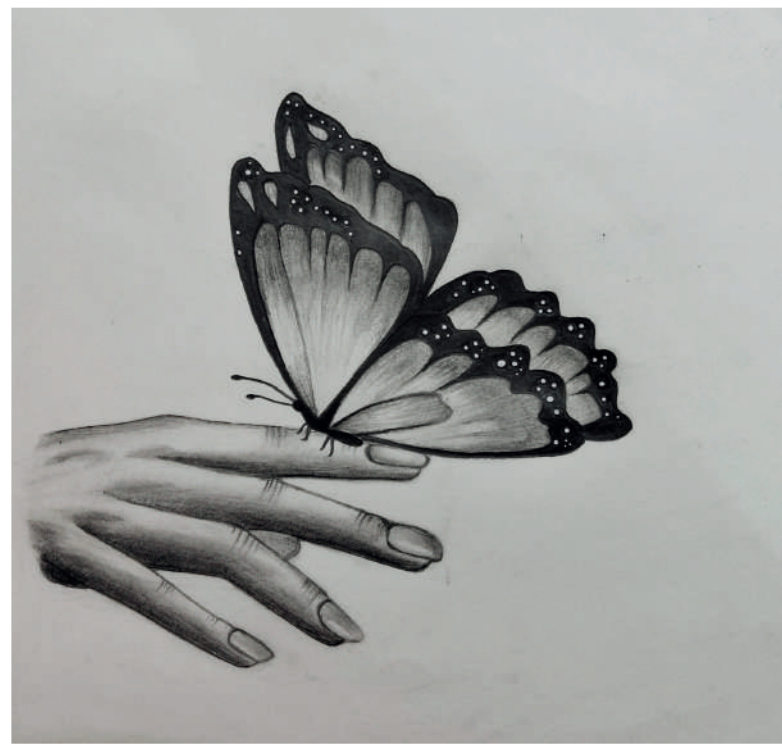
**- YASHITA**  
**BSC (HONS) ZOOLOGY**



# THE ARTWORK SECTION



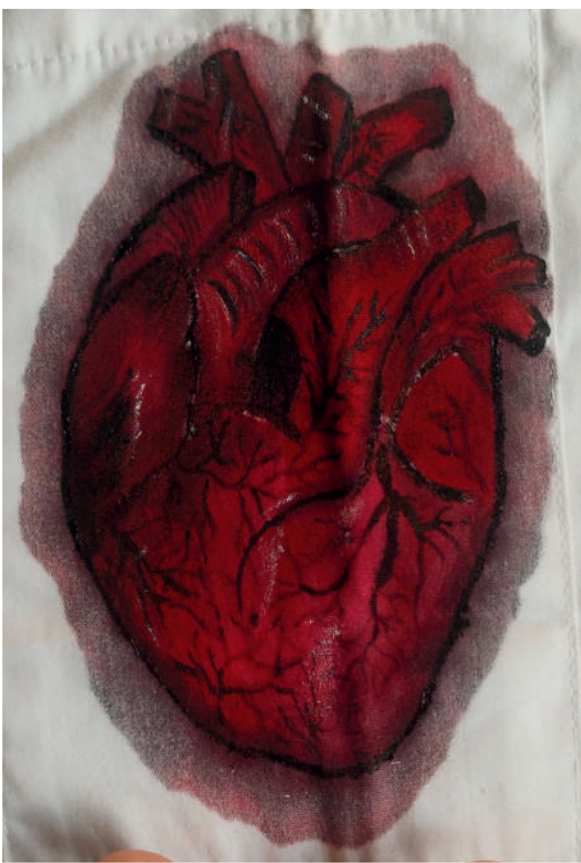
**HARSHALA**  
Bsc Zoology (H) 1st yr



**MANSI KADYAN**  
Bsc Zoology (H) 2nd yr



**SANJANA DALAL**  
Bsc Zoology (H) 3rd yr



**SANJANA DALAL**  
Bsc Zoology (H) 3rd yr



**YADAV ANJALI RAJKUMAR**  
Bsc Zoology (H) 3rd yr



**NIKITA DIXIT**  
Bsc Zoology (H) 3rd yr



**SRUTI ADHIKARI**  
Bsc Zoology (H) 3rd yr



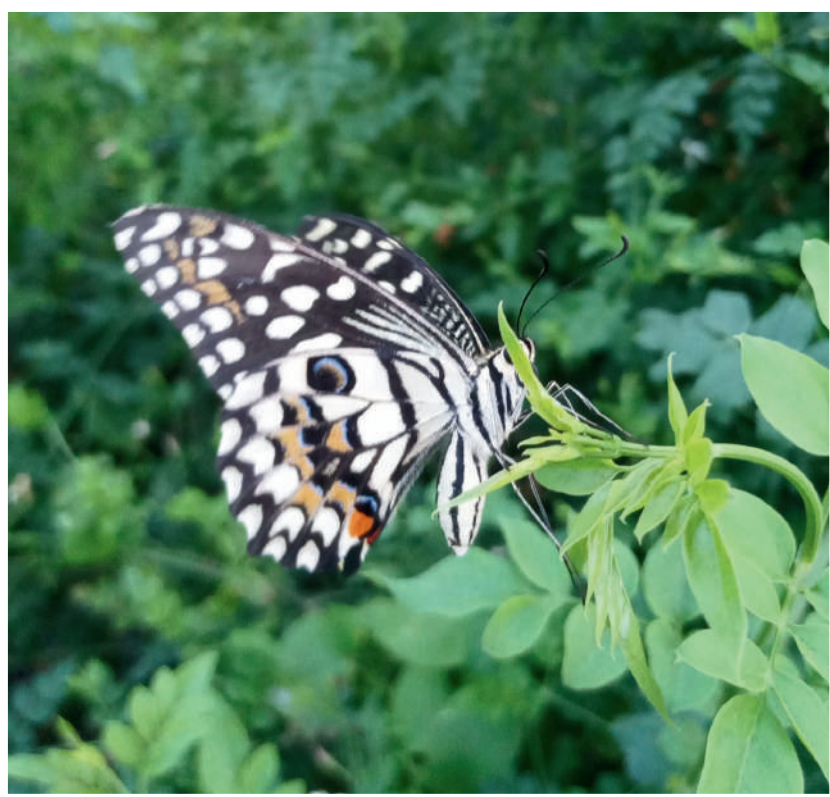
**NIKITA DIXIT**  
Bsc Zoology (H) 3rd yr



**HARSHALA**  
Bsc Zoology (H) 1st yr



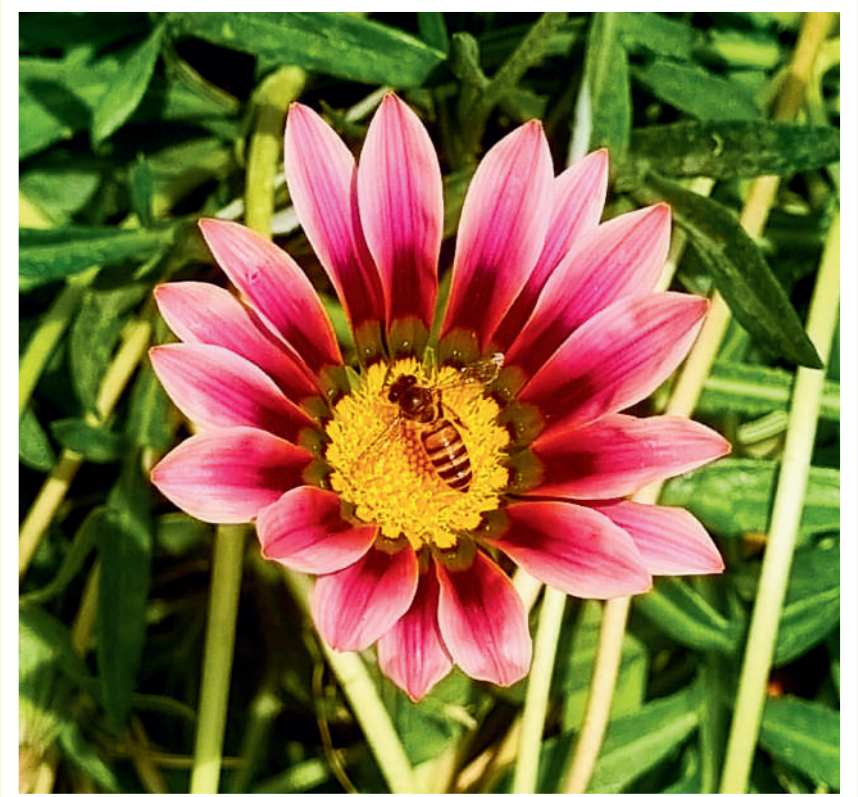
# THE PHOTOGRAPHY SECTION



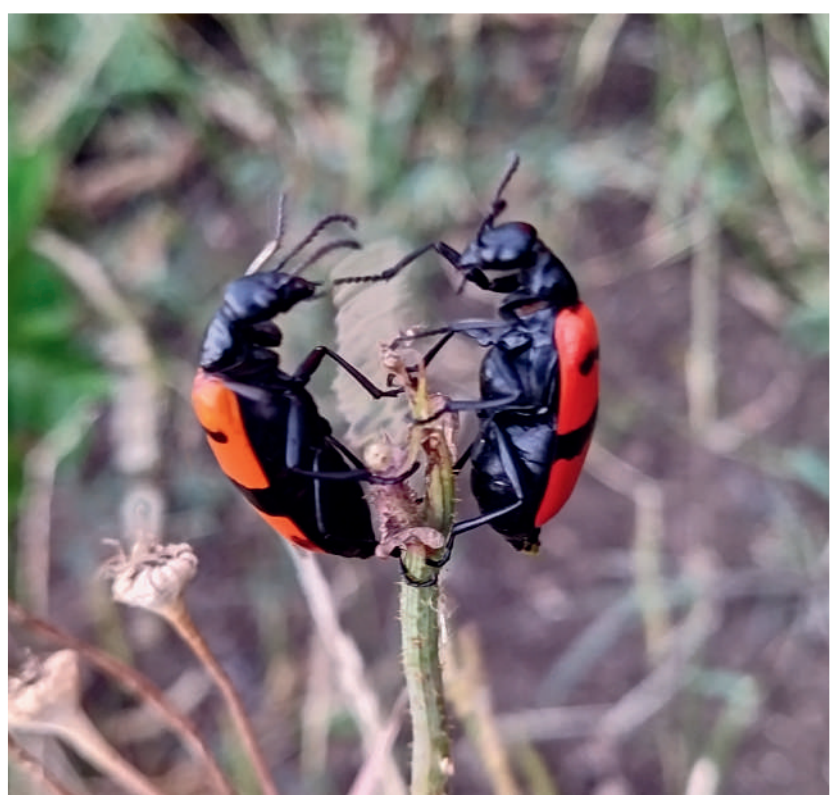
**SUPARNA GARG**  
Bsc Zoology (H) 1st yr



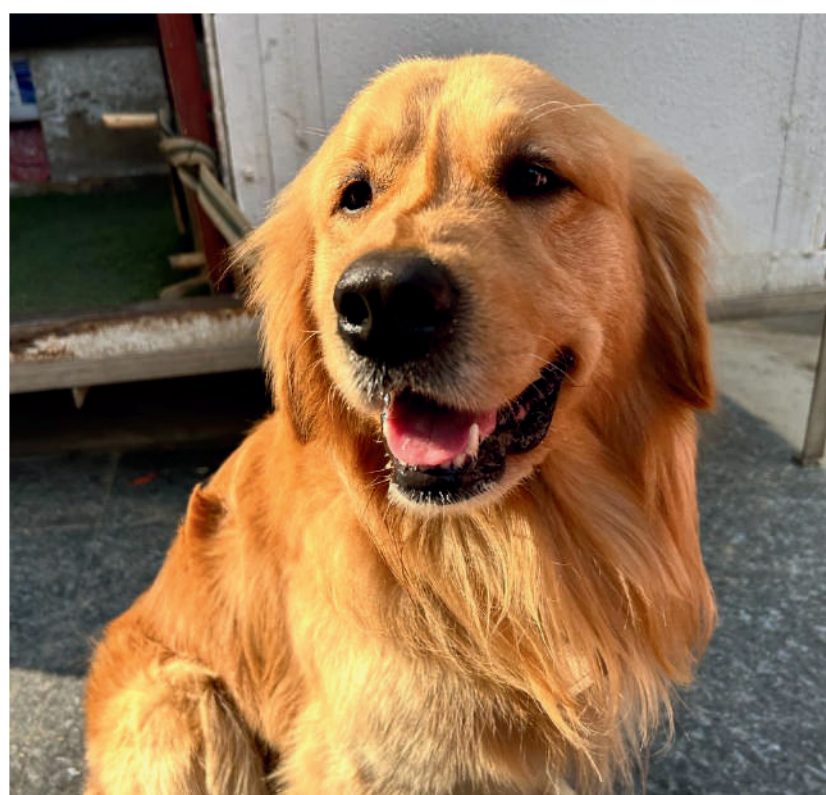
**MANYA ARORA**  
Bsc Zoology (H) 1st yr



**MANSI KADYAN**  
Bsc Zoology (H) 2nd yr



**HARSHALA**  
Bsc Zoology (H) 1st yr



**NIKITA DIXIT**  
Bsc Zoology (H) 3rd yr



**HARSHALA**  
Bsc Zoology (H) 1st yr



**NIKITA DIXIT**  
Bsc Zoology (H) 3rd yr





# THE PHOTOGRAPHY SECTION



**MANSI KADYAN**  
Bsc Zoology (H) 2nd yr



**HARSHALA**  
Bsc Zoology (H) 1st yr



**SUPARNA GARG**  
Bsc Zoology (H) 1st yr



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Bsc Zoology (H) 1st yr



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Bsc Zoology (H) 1st yr



**MANSI KADYAN**  
Bsc Zoology (H) 2nd yr





# WILDLIFE SPEAKS : GIB's Tale

## MY LIFE AS A GREAT INDIAN BUSTARD

By : Ardeotis nigriceps (The Great Indian Bustard)

“I was born in the golden grasslands of India, where the wind dances through tall blades and the soil holds the warmth of the sun. They call me the Great Indian Bustard—*Ardeotis nigriceps*—but I wonder how “great” I truly am now. Once, my kind walked these plains in proud numbers. Today, we are few.

I stand tall, almost a meter high, with long legs built for the dry desert floor. You might think I'm clumsy, but when I fly, even the peacocks watch in awe. In the monsoon, I fluff my chest and dance beneath thunderclouds, calling out in low booms that once echoed across vast landscapes. Now, only silence answers.

Our home is disappearing—ploughed into farms, crossed with wires that take more of us each year. Many people don't even know we exist. Some mistake me for a peahen. Others have never seen me at all.

But I have seen hope. A few walk beside us now—watching, protecting, believing. They speak of saving us, of sanctuaries and second chances. If you are reading this, maybe you believe too.

Let the skies be safe. Let the grasslands breathe. Let my kind walk free again.

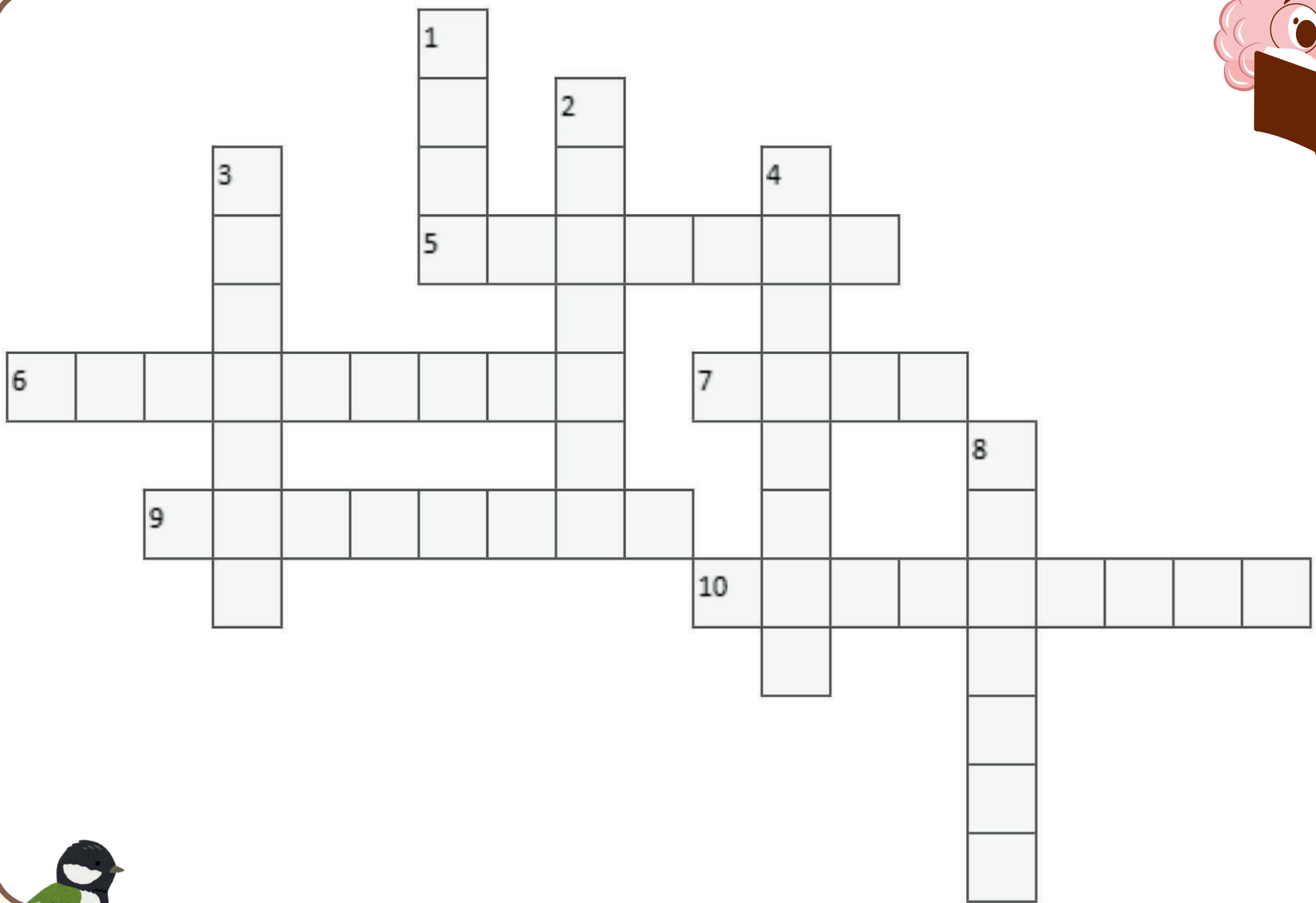
I am the Great Indian Bustard.  
And I want to live.”



- Yadav Anjali Rajkumar



# CROSSWORD Safari



**DOWN**

**ACROSS**

1. The type of RNA that carries information from DNA to the ribosome.

2. The process of cell division that results in two daughter cells

3. A jawless fish, ancient and sleek; starts with 'L,' lack true bone.

4. The largest part of the brain responsible for voluntary actions

8. A small circular DNA molecule used as a vector in genetic engineering.

5. A foreign substance that triggers an immune response.

6. The process of programmed cell death.

7. Segment of DNA that determine specific traits.

9. The protein complex that unwinds DNA during replication.

10. A relationship between two species where both benefit.



# PRESIDENT'S NOTE



**SRUTI ADHIKARI**

**President, Zoonomia**

**Kalindi College, University of Delhi**

It's hard to believe it's been over two years since I became a part of Zoonomia. What started as a small step "volunteering" gradually grew into something much bigger. From being a volunteer to serving as the Cultural Secretary, and now as the President, this journey has been nothing short of amazing.

Zoonomia has taught me so much about teamwork, leadership, taking initiative, and learning from my mistakes. There have been challenges, but also countless moments of joy, laughter and growth. I've had the chance to work with some of the most dedicated and talented individuals, and together we have created memories I'll always cherish. This society has been one of the most meaningful parts of my college life, and I'll always hold it close to my heart.

I truly hope that many more passionate and hardworking students continue to join Zoonomia and keep its spirit alive.

Wishing all the very best to the current team and everyone who will be a part of this journey in the future.

**With love and gratitude,**

**Sruti Adhikari**

**President (Zoonomia 2024-25)**



# SOME WORDS FROM THE OFFICE BEARERS



VICE PRESIDENT

**YASHITA DAHIYA**

"Serving as the Vice President of Zoonomia has been an incredibly rewarding journey. It's been a role filled with learning, leadership, and connection. This role has helped me grow not just as a student, but as a leader. I'm truly grateful for the trust placed in me and for every moment that allowed me to contribute to our vibrant department. It's an experience I'll carry forward with pride and gratitude."



TREASURER

**SHIVANI SINGH**

"Serving as the Treasurer of Zoonomia has been an enriching experience. Managing the financial aspects taught me not only the importance of responsibility and transparency but also the value of collaboration and careful planning. It's been a journey of learning, growth, & contributing to something bigger than myself. I'm grateful for the trust placed in me and proud of what we've achieved together."



CULTURAL SECRETARY

**TANASVI KAPASIA**

"As I bid farewell to my role as Cultural Secretary, I'm filled with gratitude for the incredible experiences and memories we've created together. May our college continue to thrive as a hub of creativity, diversity, and inclusivity."







# SOME WORDS FROM THE OFFICE BEARERS



MEDIA HEAD

YADAV ANJALI R.

"Stepping into the role of Media Head at Zoonomia proved to be one of my defining experiences of college years. It wasn't merely a role, but a forging of growth, a vibrant outlet for creativity, and a potent recognition to the scope of my own potential. As once said, *"You can't use up creativity. The more you use, the more you have."* As the baton is passed, I wish the next team even greater heights."



MEDIA SECRETARY

SANJANA MAIKUP

"Working as the Media Secretary for Zoonomia has been a deeply rewarding journey. It gave me a platform to express my creativity, refine my communication skills, and contribute meaningfully to our department. Being at the forefront of Zoonomia's communication was a truly fulfilling experience."



GENERAL SECRETARY

MANYA ARORA

"Being the General Secretary of Zoonomia was an incredibly enriching experience. It allowed me to explore leadership, creativity, and teamwork while managing events and contributing to our social media. Each responsibility helped build my confidence and skills in communication, design, & coordination. The recognition and encouragement I received made the journey even more meaningful, and I'm truly grateful to have been part of such a dynamic and inspiring team."



TECHNICAL HEAD

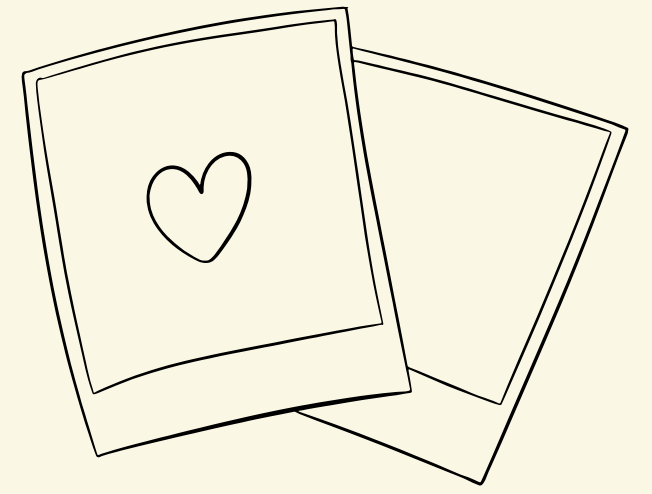
ADYASHA JENA

"I worked as the Technical Head for Zoonomia society for the session 2024-25 and honestly it was an eye opener for me. I learnt a lot, helped a lot and at times was also guided a lot by my seniors. These are the experiences in my college days that made college more memorable as well as an incredible learning platform for what is to come next."





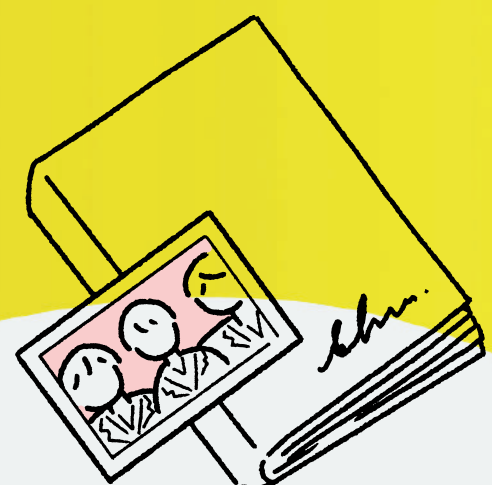
# GALLERY



**FACULTY MEMBERS**

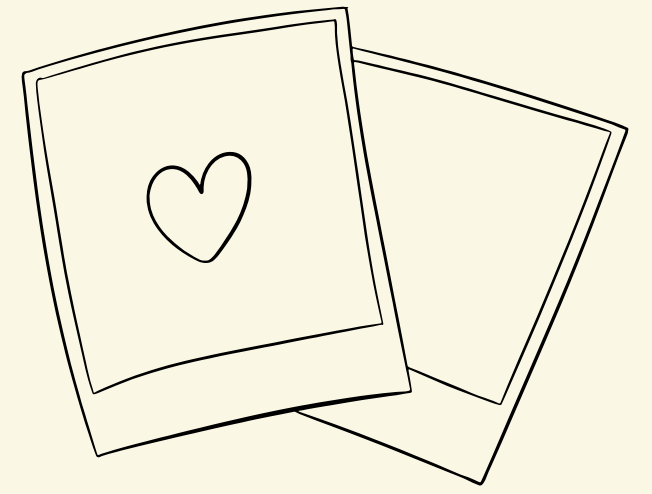


**OFFICE BEARERS (2024-25)**

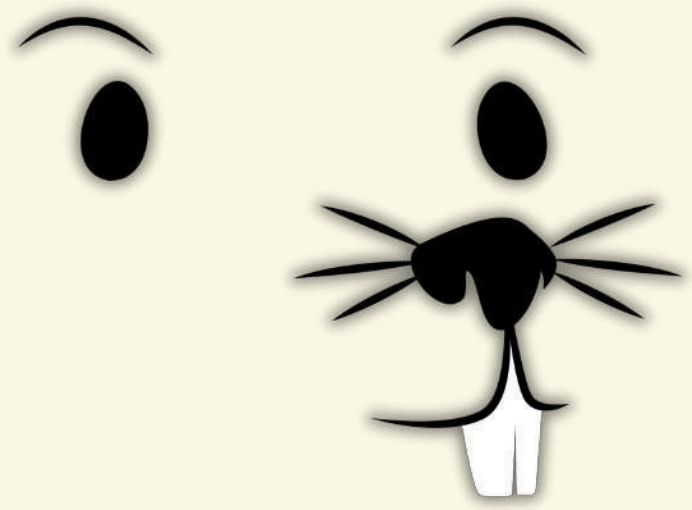




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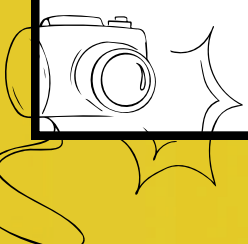
**FIRST YEAR STUDENTS**



**SECOND YEAR STUDENTS**



**THIRD YEAR STUDENTS**





# CREDITS



## EDITOR'S TEAM



**YADAV ANJALI RAJKUMAR**

**SRUTI ADHIKARI**

**YASHITA DAHIYA**

**MANYA ARORA**

**Front Cover Click By - Manya Arora**

**Back Cover Art By - Harshala**



DO YOU HOPE ?



THANK YOU FOR READING

धन्यवाद!

WHAT DO YOU HOPE FOR?