

ZOOLOGY  
DEPARTMENT  
2023- 2024



# News Letter



## Jim Corbett National Park



Koshika, the Zoological society of Daulat Ram college organised an excursion trip to Jim Corbett national park and Nainital. The trip began on 2nd of November with the hearts filled with excitement and enthusiasm. Our tribe reached the national park within the flash of night. It was one of the best mornings we experienced in the arms of Uttarakhand. We visited the Corbett national museum and then left for Girija Devi temple. The temple was a treat to our eyes and a calm to our minds. The day then ended with an energetic borne fire with everyone dancing and singing their hearts out. The night burnt all the negative energies that we had inside us and glorified our souls with a new hope. The next morning was exciting as we were all ready to explore the Jim Corbett national park. Our hearts pounded out of excitement as we started our journey on the gypsies. Every breathe that we took on the path was different, it was mesmerizing. After the whole exciting ride left for a even more delighting experience.

The next stop to our journey was Nainital: The city of lakes. The place was just a wholesome view to acknowledge how creative the ultimate creator is. Our local market exploration was just a new memory to lock. The boat riding in the chilling winds was a challenge to ourselves, still we conquered over the weakness and waved through the Naini lake. The more the sun was shining, the more it made everyone realise that the time had finally come to end our journey with a goodbye of memorable moments. It was an experience to be held for an eternity and even more.zzzzz

# WEDNESDAY ACTIVITIES

## Debate competition

### Topic: Abortion, a Deliberate Murder or Choice

#### AIM FOR THE DEBATE COMPETITION

- 1) The Aim of the Debate was to ignite critical thinking on the sensitive topic of Abortion, which often sparks heated debates and divided opinions.
- 2) The tone of the competition was kept respectful and educational, fostering an environment for students to express their ideas while also listening to and learning from others.



## Poster making competition

### Topic - Role of AI in combating diseases

The main objective of the competition was to explore the role of AI In science by students through their creative skills



# India International & Science Festival – IISF



KOSHIKA' Department of Zoology from Daulat Ram College visited the IISF 2023(NCR, Biotech Science Cluster, Faridabad, Haryana) on 19th January 2024 and collect so much information from other knowledgeable mind. department teachers and students visit in different groups and collect the information of many fields of science. At, we enter in hall no. 2 (Shant Swarup Bhatnagar hall) and there are so many personalities are present with their project and information for us. So we get information about Cancer development stages, The method of DNA gene study, Bio fertilizers, Use of science in daily life like with milk, development of smart cities without harming the environment and so on.

**INAUGURAL LECTURE:  
Role of Animals in Spread of  
Antibiotic Resistance in Bacteria.**



**Esteemed speaker for this event was Prof. Raman Rajagopal from Department of Zoology, DU.**

**The event began with a welcome note followed by the lamp lighting ceremony.**

**Student sang a beautiful rendition of Saraswati Vandana to seek blessings and enchanted the audience with her voice.**

**Prof. R. Rajagopal was then felicitated by the teachers as a token of appreciation.**

**Following this, our speaker delved into an interesting discussion regarding bacterial antibiotic resistance and various factors associated with it. He suggested ways through which this growing issue can be tackled and talked about the long-term effects of taking small steps on an individual level.**

**Students from all three years participated fervently as well. Various introspective questions were raised by the audience to which Prof. Rajagopal answered with great zeal.**



Towards the end, a vote of thanks was delivered by Dr. Madhu.

To culminate the event, an investiture ceremony for this session's student union was held as well and the members were presented with their respective badges. Besides this, certificates were also awarded to students who participated in Drosophila workshop held a few months ago. The talk ended on a positive note as both the audience and speaker gained valuable insights and a group photo was taken with smiling faces

# SKILL DEVELOPMENT PROGRAM LIFESTYLE DISORDERS



A skill development program was organised by the Department of Zoology from 20th January to 3th February 2024. The SDP started with the inaugural talk by Dr. Arpita De (Associate Professor in Charge- Uro-gynaecology Hamdard Institute of Medical Sciences& Research New Delhi) discussing **Fighting PCOD: How & Why?**

The SDP was coordinated and co-coordinated by Dr. Neha Niharika and Dr. Jyoti Singh respectively.

The first session was about Case study of PCOD and its management by Dr. Jyoti Taneja discussing the causes and pathophysiology, investigations and management of PCOD followed by another session on smoking and alcohol abuse by Dr. Pallavi Sethi conferring about Deleterious effects of addiction on social health and PCOD. On 26th January session started with Dr. Meenakshi Thakur dealing with Factors affecting PCOD (Obesity) using anthropometric measurement, indicators of health (BMI waist to hip ratio, skin fold test).

Subsequently, another session on lifestyle and well-being by Dr. Anju Jain deliberating lifestyle factors and psychological well-being. Wrong food choices another factor affecting PCOD was discussed by Dr. Sunita K Yadav elucidating about balancing nutrition, exercise and wellness: Key component for a healthy lifestyle. Ms. Rohini Arya expounded about remedies to adopt a better lifestyle elaborating on various measures taken by WHO, Fit India movement. Risk group and various tests associated with Diabetes and hypertension were elucidated by Dr. Madhu and Dr. Sonika. Following that Dr. Pooja Vijay and Miss. Ritu elaborated on Endocrine disruptors and their effect on reproductive health. Summing up Dr. Jyotsna and Dr. Anna Senrunga expounded on detection method of adulterants in foods.

The SDP gave the students an opportunity to gain more knowledge and insight about the prevailing lifestyle disorders and their management. The students were asked to submit assignment after each session in order to help them understand better. The SDP stimulated young minds to comprehend better about the prevailing lifestyle disorders.

# Talk on PCOD



**Dr. Kiran Rangari**  
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Dept. of Reproductive Biomedicine,  
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Welfare, New Delhi



**Dr. Rajalaxmi M**  
Diet. Of Zoology, Head PG & Research  
Department of Biotechnology &  
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Innovation Ambassador,  
KAPIL A Co-ordinator  
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Cordially invites you to  
**AN AWARENESS TALK**  
(Mentor-Mentee Program)  
on  
**"DEMISTIFYING IMPORTANCE OF SEXUAL HEALTH FOR WOMEN"**

**Prof. RITA SINGH**  
Department of Zoology,  
North Campus,  
University of Delhi

**Dr. PUJA SHARMA**  
MD, FMS, FICOG  
Obstetrics & Gynaecology  
Daksh Clinic, Hauz Khas

Prof. Savita Roy Dr. Savita Nanda Dr. Jyoti Taraja Dr. Sonika Sharma  
Principal Vice Principal Coordinator TIC

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# GLOBAL Book FAIR



The grand book fair was held at Pragati Maidan recently. The fair can for eight days, started from 10th February. It was the one of the biggest and gorgeous book-fair inaugurated by Minister Dharmendra Pradhan.

To mark the celebration of India @75 and pay tribute to heroes of India's freedom struggle the ministry of education (Government of India) launched a scheme called 'YUVA-Prime Minister's scheme for mentoring young Authors with the objective of training young and budding authors. The 75 young writers thus chosen through an all-India contest and mentored by established authors, will have their books ready for launch.

All the leading publishers of India as well as abroad had set up their stalls. There were different kinds of books ranging from classics, sci-fi, non-fiction, and thrillers to self-motivation and more Apart from the book stalls, the cultural events and shows were another attraction of the fair and that we enjoyed a lot their performance were really eye catching.

## TEACHER'S DAY



- Koshika, The Zoological society of Daulat Ram College organised a trivial celebration on the occasion of Teacher's day. The celebration began with the cake cutting ceremony with our teachers and the non-teaching stuff. It was followed by showcase of a video prepared by our students for our lovely teachers. To set a tone for the event, Hangsika Sharma, Shreya Pandey from second year gave a heartfelt performance on few Bollywood numbers. The event continued with a melodious song performed by Safia, another second-year student. All the teachers and the non-teaching stuff were provided with refreshments arranged by the students.
- Many of the first year students showcased their endeavouring talent with music, dance and recitation. The event culminated on a sweet note with the vote of thanks offered by Nikita, from third year.

## Freshers, 2023



On 6<sup>th</sup> Feb Koshika: The Zoological Society of Daulat Ram College greeted and welcomed the freshers to the department. The enthusiastic students of First Year - Batch of 2k26/27 were welcomed and made to be seated in Lab 2.

Our beloved juniors were heartily greeted followed by cutting the cake to well.

We had the performances curated by the second and third year students which raised all to high spirits.

Following a splendid array of performances, we had a series of games and activities lined up for the title of "Miss Freshers". We had a General Quiz round, followed by a second round, which was a Cup and Balloon game, wherein, the selected candidates had to Pick up as many cups, by blowing a balloon, as possible.

After a fun and exciting second round, was the final interview round, out of which 'Sushree' was declared as "Miss Freshers 2k24".

After the announcement of the Title of Miss Freshers, refreshments were distributed and we all had a gala time as we danced to the tunes of Bollywood and Hollywood music. Then all the juniors proceeded