

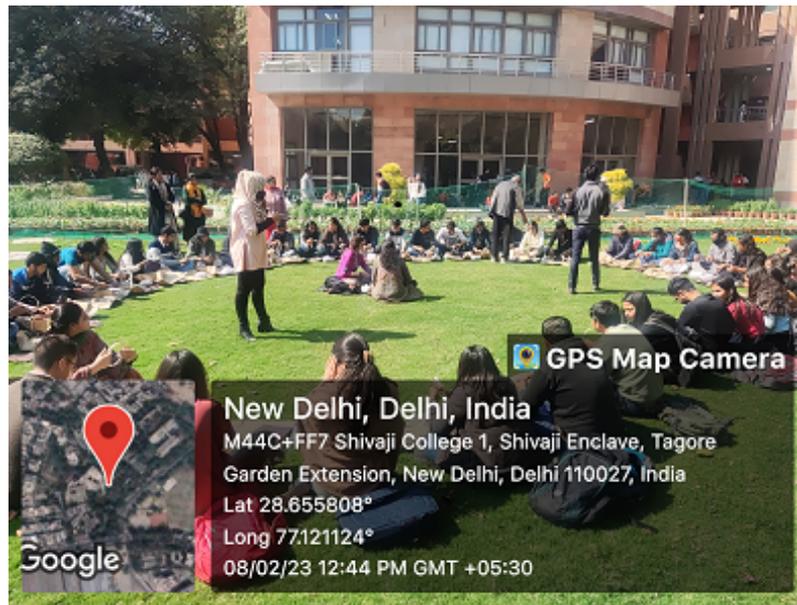
BIRD'S NEST-MAKING WORKSHOP AND ZOO-CARNIVAL 3.0

OYSTER—The Zoological Society of Shivaji College, Delhi University, held a workshop on bird nest making as a sub-event of the Zoo Carnival 3.0, the Annual Departmental Fest of Shivaji College.



The workshop was held on 8th February, 2023 at 11:30 a.m. in the college auditorium under the supervision and guidance of Mr. Rakesh Khatri, "The Nest Man of India," who has made countless nests in his lifetime and has made "nest making" into a well-known art form. He is also a documentary filmmaker, environmentalist, and founder of the Eco Roots Foundation. Many students from the department as well as from other departments and colleges participated curiously in this riveting activity.





The whole workshop was so fascinating and illuminating. First of all, Mr. Rakesh Khatri provided some incidents from his past life that motivated him to start making nests for birds, and shared his journey from making some nests at home to becoming the Nest Man of India. He discussed why it is important to save our environment.

He carried out some activities with students and teachers for identifying animals from their characteristics and habitats. Then, students and teachers went on to the college garden to have hands-on experience making nests. Participants were given a nest-making kit consisting of all the materials needed to make a nest. Then, step by step, he and his helpers guided participants to make one. Participants tried their best to make a nest from the available material.

Afterwards, a group photo was clicked, each one holding the nest they had made, and he interacted with the students and teachers and shook hands with everyone present there. The

workshop was a great success in drawing students' attention and giving them something new and useful to learn. The nests made by students will be hanged at various places in college to support environment. It was a great experience!

The Zoology Department of Shivaji College organised the annual Departmental Fest, "Zoo Carnival 3.0" on 8th February, 2023. The purpose was to raise awareness about wildlife and conservation efforts, while also providing an entertaining and interactive experience for the attendees.

Various Competitions and events organised for the fest.

1. WILDLIFE PHOTOGRAPHY COMPETITION

A wildlife photography competition, where participants could submit their best photos of animals taken by them under the theme "Nature at its work".

2. PLASTIC BOTTLE RECYCLING COMPETITION

A plastic bottle recycling competition, "From Plastic to Art" was organised, where participants could showcase their artistic skills by creating masterpieces out of plastic bottles and could show that these bottles can be recycled into decoration items at home. We all can help in depleting plastic waste even with our creativity at individual level.

QUIZ COMPETITION

A quiz competition, where participants could test their knowledge about different domains of Wildlife and it's conservation. It was conducted in 2 rounds. The primary screening round was in online mode on Google forms from which final participants were chosen for offline round in the College.

NEST MAKING ACTIVITY

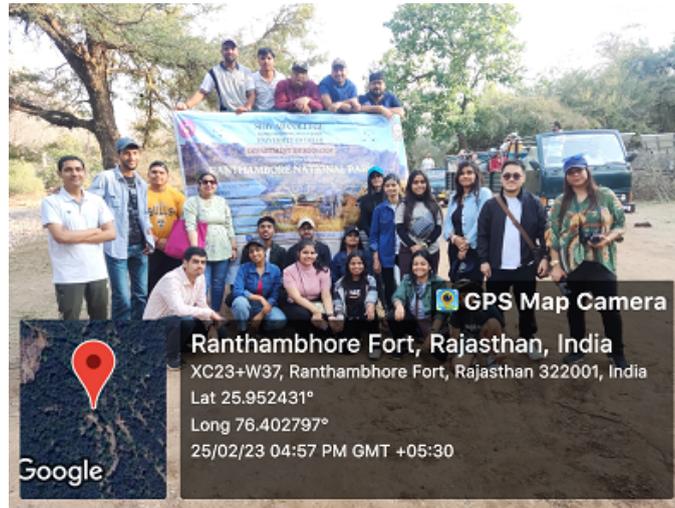
Moreover, a workshop on nest making was conducted by a renowned environmentalist, Mr. Rakesh Khatri- The Nest Man of India. The participants learned about the importance of nests in the animal kingdom and they learned to create their own nests using natural materials supporting environment.

Conclusion

The wildlife photography and recycling competitions were the most popular activities, with many participants showcasing their creativity and love for animals. The quiz competition was also well-received, with participants demonstrating their knowledge. The nest-making session was particularly enjoyable for the participants.

The Zoo Carnival 3.0 was a memorable and impactful event. The event was a great success, achieving its objectives of promoting awareness and appreciation of different animal species and conservation efforts. Many attendees expressed their gratitude for the event, stating that it was a fun and educational experience.

FIELD TRIP TO RANTHAMBHORE NATIONAL PARK (RAJASTHAN)



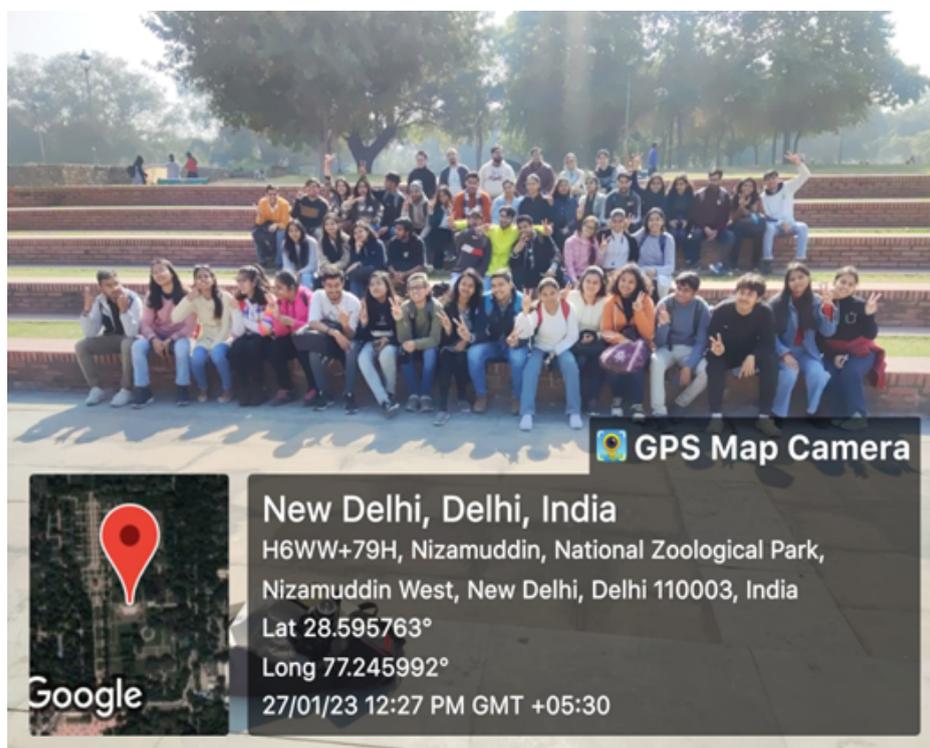
REPORT: VISIT TO SUNDER NURSERY, NEW DELHI

DEPARTMENT OF ZOOLOGY

SHIVAJI COLLEGE (DU)

On 27th January, 2023, the Zoology Department of Shivaji College organized a field visit to Sunder Nursery (Delhi) for all the students of I, IV, and VI semesters as a part of the curriculum under the disciplines of "Principles of Ecology (Sem-I), Comparative Anatomy of Vertebrates (Sem-IV) and Wildlife-Conservation and Management (Sem-VI) respectively.

It was a bright sunny morning and we arrived at Sunder Nursery, New Delhi at 9:00 am. There were overall 60 students accompanied by 8 faculty members. _Bharat Scouts and Guides Marg, Opposite Humayun Tomb Park, Nizamuddin, National Zoological Park, Sundar Nagar, New Delhi, Delhi 110013.



Sunder Nursery is flanked by the World Heritage Site of Humayun's Tomb on the South, the historic Purana Qila on the North and aligned with the historic Grand Trunk Road on the West.

It was originally established in the early 20th century when the Imperial Delhi complex was being planned and constructed. It was used as a place for propagating trees and other plants to be used in the new capital city, and also for testing species brought from other parts of India and from overseas, to pick those which successfully thrive in Delhi's harsh climate.



Since it opened in February 2018, Sunder Nursery has not only attracted visitors but also recognition from all over the world. With its formal landscaped gardens and informal biodiversity zone, Sunder Nursery provides a wholesome and enriching experience to its diverse visitors.

The Park is home to Six UNESCO World Heritage Monuments, 4500 Trees, 80 Bird Species, and 40 butterfly species.

Delhi's original ecosystems have been revived in the wilderness zone at Sunder Nursery. A 30-acre microhabitat zone has been created within Sunder Nursery to simulate Delhi's once-rich and now quickly disappearing biodiversity, featuring over 100 regional tree species unique to the region.

It also focuses on introducing educational facilities to allow Delhi residents, especially school children, to enhance their understanding of ecology and nursery activities.

The landscape design incorporates zones serving as nesting areas for birds, water bodies being created, and trees and shrubs attracting more birds, with their high canopies, dense understorey shrubs, and fruit-bearing species. While walking and exploring, we came across many different types of bird species, some of which are mentioned below. We were acquainted with many interesting characteristics by our faculty members.

The visit was concluded by capturing the moment which made it an overall fun and scholarly experience for all the students

VISIT TO OKHLA BIRD SANCTUARY (20th October 2022)

Report:

A visit to Okhla bird sanctuary was conducted on 18th of October 2022, Tuesday for B.Sc. Zoology (Hons.) Vth Semester students. This field visit was part of curriculum of discipline elective paper "Animal Behaviours and Chronobiology". This visit was conducted under the Aegis of DBT star college scheme and partnered by Give me Tree foundation, where Mr. Ishtiyak Ahamad of "Give me Tree "foundation was resource person for this visit. The aim of visit was to observe and count migratory bird species in the Okhla Birds sanctuary. Twenty students of B.Sc. Zoology (Hons.) Semester V visited the bird sanctuary. They observed and counted around more than 20 migratory bird species, present in the bird sanctuary, students learned about there origin, and place from where different birds migrated, as well as they learned about their feeding and reproductive behaviour.

The visit was highly successful, and the students were satisfied as well as informatively enriched.





Report on Campus Butterfly Count (Lecture and Workshop)

No. of beneficiaries- 14

Date: 20.9. 2022

A lecture cum workshop was organized for 'Campus Butterfly Count' under the aegis of DBT and IQAC, Shivaji College on 20th September, 2022. The workshop was led by Dr. Ishtiaq Ahamed, Manager, Nature Education & Training, Give me Trust, New Delhi. A naturalist, his core works include Biodiversity mapping and Green Landscaping. He is proficient in developing butterfly parks and gardens. He also participated in many

national Bird censuses and has written several research papers in peer reviewed journals. He also developed numerous advanced workshops-like Gardening, Composting, Bird nest, Butterfly habitat, Dragonfly habitat.

The workshop was organized for students of life sciences with the aim to spread awareness about butterflies, to gather scientific information, which will further help in execution of butterfly conservation. Butterflies are an important bio-indicator of the environment around us. They form a crucial part of the food chain as a prey for various birds, reptiles and spiders. Butterflies are also essential in pollinating our food crops. Dr. Ahamad guided the students regarding the features which can help in identifying the butterflies. September is also the mating season for a number of species. He also showed the mating dance of the butterflies. Dr. Ahamad suggested planting a few plants to increase the diversity of the campus butterfly.



Report on the lecture ‘Role of insects in Ecology’

No. of beneficiaries- 37

Date: 26.8. 2022

A lecture was organized on ‘Role of insects in Ecology’ under the aegis of DBT , on 26th August, 2022 by Department of Zoology for students of life sciences. The lecture was given by the renowned entomologists and evolutionary biologist Prof. Mallikarjun Shakarad. Prof. Shakarad is a professor at the Department of Zoology, University of Delhi who completed his doctorate from IISc, Bangalore. His area of interests include Behavioral Ecology and Sociobiology, and Biodiversity. He has several research papers and books to his credit.

His talk was very informative which showed us that ‘If insects were not to be, Earth would have been barren’. His talk was an eye opener regarding the of diversity of insects and their importance of them in the food chain and web. The incessant use of insecticides has resulted in decline in the population of the insects which in turn has affected the population of insecticidal birds. The insects are the primary beings on earth and pollinators for most of the crops. So it is important to conserve their diversity in order to prevent the extinction of food crops from the earth. Lectures like these remind us that we are not the rulers of earth and need to respect the other residents of the earth with whom we share the habitat.



OYSTER: POSTER-MAKING COMPETITION

2nd November 2022





FIRST PRIZE

SECOND PRIZE



THIRD PRIZE



ORIENTATION DAY + INDUCTION DAY



