



Tirumala Tirupati Devasthanams

శ్రీ వేంకటేశ్వర కళాశాల

Sri Venkateswara College

(University of Delhi)

NAAC Grade A+

**SRI VENKATESWARA COLLEGE
(UNIVERSITY OF DELHI)**

EVENT REPORT

NAME OF THE EVENT: Field trip to Sanjay Van- 2024			
DATE	DEPARTMENT	COMMITTEE/SOCIETY	COORDINATORS' NAME
19 September 2024	Zoology	Zoology	Prof. Vartika Mathur Dr. Richa Misra
TIME	VENUE	NUMBER OF PARTICIPANTS	NATURE: Outdoor/Indoor; online/offline/hybrid
9am onwards	Sanjay Van, New Delhi	53 students along with 2 teachers	Outdoor
FINANCIAL SUPPORT/ASSISTANCE (if any):	Nil		

BRIEF INFORMATION ABOUT THE ACTIVITY

TOPIC/SUBJECT OF THE ACTIVITY	Field Trip to Sanjay Van for B.Sc. (H) Zoology & B.Sc. Life Science Sem III students as part of their DSE Wildlife Conservation & Management paper syllabus
OBJECTIVES	Field exercise to study direct and indirect evidences in wildlife
METHODOLOGY	General rules for field observation
INVITED SPEAKERS WITH AFFILIATION DETAILS (IF ANY)	None, Instructions by teachers
OUTCOMES	The students enjoyed the concepts and recorded their own observations for report

PROOFS & DOCUMENTS ATTACHED (Tick mark the proofs attached):

1 Notice & Letters ✓	2 Number of Participants & Name of participants ✓	3 Video clip	4 Photos ✓	5 Feedback Form & analysis
6 News clip with details	7 Sample Copy of the Certificate	8 Posters/ Invites	9 Event report Attested by Event Coordinator & IQAC Coordinator	10 Any other document

Departmental file no: SVC/Zoology/2024-25/ September 2024/03

IQAC File No: SVC/IQAC/Zoology/2024-25/ September 2024

Criterion No: I, II

NAME OF EVENT-IN-CHARGE & SIGNATURE:

Prof. Vartika Mathur

Dr. Richa Misra

Vartika Mathur
Richa Misra

Note: Please fill in your own details in places with red font

For Reference

Criterion I	Curricular Aspects (planning & Implementation)	Criterion V	Student Support & Progression
Criterion II	Teaching Learning & Evaluation	Criterion VI	Governance, Leadership & Management
Criterion III	Research, Innovations & Extension	Criterion VII	Institutional Values & Best Practices
Criterion IV	Learning Resources and Infrastructure		

Permission Letter



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PERMISSION FOR ORGANIZATION OF EVENTS

NOTE: 1. Please ensure a pre booking of the venue before getting the permission letter signed.
2. A copy of this duly filled form signed by the TIC/ Convener, IQAC Coordinator and Principal shall be submitted to ICT and/or Caretaker for necessary action.
3. Please ensure that the completion certificate of the event is physically signed by the Convener of the event, IQAC Coordinator and Principal after the event report is made.

EVENT DETAILS

- Name of the Department/Society/Association: Zoology
- Name of the TIC and/or Convener: Prof./Dr./Mr./Ms. Prof. Vartika Mathur & Dr. Richa Misra
- Proposed Title of the Event: Field visit to Sanjay Van
- Nature of Event: Seminar/Conference/Symposium/Workshop/FDP/Public or Community outreach/ Skill enhancement/others (Please specify) Educational trip
DSE Wildlife Conservation & Management
BSc Life Sciences & BSc (H) Zoology Sem III
- Participants: Student-centric /Faculty/ Other stakeholders (Please specify).....
- Event Type: Offline/Online/Hybrid: Indoor/Outdoor
- Collaborating Agency /Organization (If any):
- Tentative List of Speakers with affiliations: NA
- Date & Time (from - to): 19 September 2024
- Financial Assistance/ Funding received (if any) (Please specify amount): Self-funded
- Proposed Budget (please attach details in a separate enclosure):

- Faculty responsible for Geo Tagged Pictures Prof. Vartika Mathur
- Faculty responsible for Event Report Dr. Richa Misra
- ICT support required, if any (ICT Lab, Laptop, LCD projector) NA
- Caretaker support required (tables, chairs, public addressing system, sanitation, manpower assistance) NA
- Venue requirement (Seminar hall/ Ground/others) NA

Richa Misra
TIC/Convener
Date: 18-Sep, 2024

For official purpose Part of Curricular activity (Practical day)
Comments (If any) Theory classes will be adjucted in concert with respective teachers

Vartika Mathur
IQAC Coordinator
Date:

V. Mathur
Principal
Date:

Kindly permit Prof. Vartika Mathur
Richa Misra
TIC
BSc (H) Zoology Sem III

Kindly permit Prof. Vartika Mathur
(Inform all teachers concerned)
Dr. Richa Misra
BSc Life & Coordinator

Some Reports of Students

Wildlife Conservation & Management

EDUCATIONAL VISIT REPORT: WILDLIFE CONSERVATION SITE VISIT

DATE OF VISIT: 19 September 2024

NAME OF WILDLIFE CONSERVATION SITE: SANJAY VAN

LOCATION: near Vasant Kunj and Mehrauli in Delhi, 110070

SUBMITTED BY: VISHAL SINGH BISHT SUBMITTED TO: DR. RICHA MAAM &
ROLL NO.-1123048 DR. VARTIKA MAAM
COURSE-B.SC(PROG.) LIFE SCIENCE



GROUP OF STUDENTS WHO WENT FOR THE VISIT



Group picture outside the entry gate no. 3



Group picture inside the Sanjay Van



Group picture clicked on the Watchtower



Field Visit Report



Submitted by:

Name: Chandan Sharma

Course: Bachelor of Science (Life Sciences)

Paper: Wildlife Conservation & Management

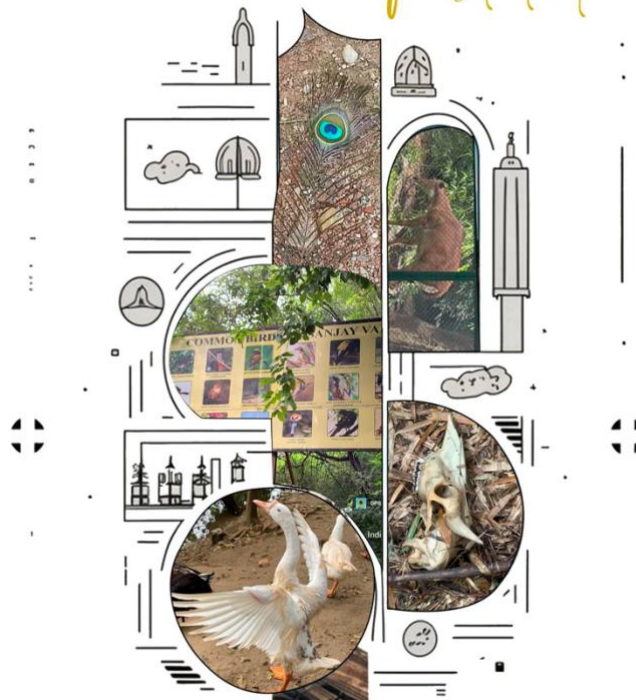
Course Code: 2233012004

Semester: III

College Roll No.: 1123158

University Roll No.: 23079583038

REPORT ON SANJAY VAN field trip



• Name : Muskan rains • Sem : 3rd
• Course : B.sc. (Hons) Zoology • Roll no : 2023001
• Subject : DSE - Wildlife Conservation
and Management

Submitted to :-
Prof. Vartika Mathur
Dr. Richa Misra

CONTENTS

- Introduction
- Observations
 - Wildlife Sightings
 - Pugmarks
 - Scat Observations
 - Nesting Observations
 - Trails and Scraping
- Challenges in Sanjay Van
- Restoration and Conservation Efforts

Field Visit Report: Sanjay Van Wildlife Observation

Date: 19th September 2024

Introduction

Sanjay Van, a vast forest spread over approximately 1500 acres, is part of the South-Central Ridge in Delhi. This green belt is a significant part of the Anand Range and holds historical significance with its 12th-century ruins. Designated as a reserved forest under Section 4 of the Indian Forest Act, 1927, it borders landmarks such as Outub Minar, Jawaharlal Nehru University (JNU), and the Outub Institutional Area. It also serves as a green lung for Delhi, providing crucial habitat for native and migratory species while offering respite for nature lovers and birdwatchers.

The forest is currently undergoing conservation efforts to restore its native flora, improve water management and promote environmental awareness. These efforts aim to preserve its ecological balance, making Sanjay Van an essential sanctuary for wildlife within the urban environment.

Governing Body

The Delhi Development Authority's (DDA) Landscape and Environmental Planning Department plays a crucial

role in developing strategies for conservation and restoration of urban green spaces like Sanjay Van, ensuring ecological balance and sustainable management.

Observations during the visit

During our field visit for the wildlife Conservation & Management course, we had the opportunity to explore Sanjay Van and observe various signs of wildlife, as well as spot various animal species firsthand. Below are our key observations:

i) Wildlife Sightings

Nilgai: We had the opportunity to spot Nilgai, the largest Asian antelope, moving gracefully through the forest. Their presence is a positive indicator of the forest's capacity to support large herbivores.

Rhesus Macaque: Several Rhesus macaque were seen climbing trees and moving along the forest floor. These primates are a common sight in Sanjay Van and play a role in forest's biodiversity.

Indian Peafowl: The vibrant Indian peafowl was also spotted its presence adding to the forest's rich avian diversity. These majestic birds are frequent residents of Sanjay Van.



Hoof prints of Nilgai



Pugmarks of the Indian peafowl



Dog pugmarks



Nilgai Scat



Ducks at Sanjay Van



Indian goose (Anser anser)



Rhesus macaque (*Macaca mulatta*)



Nilgai (*Axis axis*)

ii) Pugmarks

Indian Peafowl Pugmarks: Pugmarks of the Indian peafowl were observed in open areas and near water sources, suggesting their regular activity in these parts.

Nilgai Pugmarks: Hoof prints of Nilgai were observed near rocky patches and trails, indicating their movement within different forest zones.

Dog Pugmarks: Numerous dog pugmarks were found along the main trails, highlighting their frequent movement.

iii) Scat Observation

Nilgai Scat: Scat from Nilgai was observed in more secluded areas of the forest, resembling small round pellets; suggesting the animal's movements through open and bushy zones.

Dog Scat: Predominantly tubular and segmented, dog scat was frequently encountered along the forest trails, indicating a large population of stray dogs.



Common myna nesting



Nestings observed in Sanjay Van.



Dog Scatping

iv) Nesting Observations

Common Myna Nesting: Several nests belonging to common mynas were observed in tree cavities, indicating suitable nesting environments provided by Sanjay Van's diverse tree cover.

Other Birds: The visit also revealed sightings of other bird species such as the Brahminy Starling, Asian Koel, and Indian Paradise Flycatcher, emphasizing the forest's role as a sanctuary for both native and migratory birds.

v) Trails and Scatping

Dog Scatping: Scat marks left by dogs marking their territory were seen along frequently used paths.

Trails: The rugged, rocky landscape of Sanjay Van provided trails, used by both wildlife and visitors.

Challenges in Sanjay Van

- Habitat degradation caused by invasive species like *Prosopis juliflora* has led to ecological imbalance, affecting native flora.
- The forest's water bodies face pollution from sewage and effluent discharge affecting its biodiversity.

Restoration and Conservation Efforts

- **Native Flora Restoration:** Efforts are underway to conserve and reintroduce native plant species, which are vital for maintaining the ecological balance in Sanjay Van.
- **Water Management:** Measures to improve water harvesting and bioremediation of sewage are helping to restore the forest's natural water sources.
- **Public Awareness:** Educational programs and awareness initiatives are being implemented to involve citizens in conservation efforts.

INTRODUCTION

The report details a field trip undertaken by students of DSE Zoology (Wildlife conservation & management) 2nd year student of Sri Venkateswara College, Delhi University to the Sanjay Van. The trip aimed to provide students with first hand experience of the biodiversity present in the Sanjay Van by the ecology and environment of the van. Sanjay Van is the one of the largest forest areas in the Delhi which is near by Vasant Kunj and Mehrauli in Delhi, India. It is spread over an area of 800 acres. Covering a considerable expanse, it serves as one of the city's largest green spaces, providing a vital ecological buffer amid the urban landscape. This natural sanctuary is home to diverse range of flora and fauna, contributing significantly to the city's biodiversity and ecosystem health.

ABOUT THE SANJAY VAN

Nestle in the South-Central Ridge of the Delhi's Aravallis, Sanjay Van is a 784 acre expanse of reserve forests under Section 4 of the Indian Forest Act, 1927. It has a distinct landscape of short dense trees, ponds, lakes, extraordinary rock formations and other land features. It is a Zone of Ecological Sensitivity and also holds deep culture significance with relics of a rich past such as the 12th century ruins of Anang Tal and the Lal Kot Wall. Sanjay Van's sheer wilderness is captivating- home to 200+ species of birds, 70+ butterfly species, mammals such as nilgai, jackals, porcupines, a rich diversity of insects and a number of reptiles too. It is a paradise for bird watchers and nature enthusiasts, making nature accessible to Delhi's resident so they may experience, learn from and celebrate this treasure trove of biodiversity that lives and breathes as an extraordinary city forest.

OBSERVATIONS

We reached early in the morning at 9:00 AM on Thursday in Sanjay Van and were guided by our teachers Dr. Vartika ma'am & Dr. Richa ma'am in understanding the things in a better way. They instructed us about Direct evidence and Indirect evidence.

□ Indirect Evidence

Indirect evidence of animals refers to signs or traces that suggest the presence of animals without actually seeing the animals themselves. These form of evidence help scientist and researchers infer the presence, behavior and activity of different species.

For Ex:

1. Footprints or tracks: imprints left by animals on the ground
2. Scats or droppings: faeces that can indicate diet and species
3. Burrows or nest: structures created by animals for shelter
4. Vocalization or sounds: Calls, howls or other animal noises
5. Scratches or markings: such as claw marks on trees or the ground

□ Direct Evidence

Direct evidence of animals refers to observable, physical encounters or sightings of the animals themselves. This type of evidence includes any instance where the animals is directly seen, heard or otherwise physically present.

For Ex:

1. Sightings of the animal: physically seeing the animal in its natural habitat.
2. Photographs or videos: captured images or recordings of the animals

Direct evidence provides definitive proof of the animal's presence and is often used in conjunction with indirect evidence for comprehensive studies.

We were also told about Trail refers to a path or track made or used by animals, humans, or vehicles. In wildlife and environmental contexts, a trail is often a path formed by the repeated movement of animals through vegetation or across terrain. Trails can serve as important evidence of animal activity in an area and may reveal migration routes, feeding habits, or habitat use

Mammals: During the visit, mammals such as Nilgai, monkeys and domestic cows were observed, which are known to roam the forest area. Signs of other mammals, including the occasional sighting of small rodent like three striped palm squirrel and dogs were present indicated by pugmarks and scat.



Nilgai (*Boselaphus tragocamelus*)

Direct evidence



Nilgai's scat

Indirect evidence



Monkey (*Macaca mulatta*)

Direct evidence



Three-striped palm squirrel (*Funambulus palmarum*)

Direct evidence



Domesticated cow (*Bos taurus*)

Direct evidence



Cow's poop (fresh)

Indirect evidence



Pugmarks of dog

Indirect evidence



Hoofed marks of Nilgai

Indirect evidence



Skull (very old)

Indirect evidence



Scratches

Indirect evidence

Birds: Sanjay Van is heaven for birdwatchers and several species were observed like– Indian peafowl, domestic goose and Myna. Other birds like Parakeet, Sunbird, Jungle Babbler, Bulbul etc. are also found in Sanjay Van but we have only spotted peacock, goose and myna.



Feather of Indian Peafowl
Indirect evidence



Indian Peacock (*Pavo cristatus*)
Direct evidence



Domestic Goose
Direct evidence



Common Myna (*Acridotheres tristis*)
Direct evidence



Insects: Sanjay Van also houses a rich diversity of insects including butterflies, dragonflies and bees which plays a vial role in pollination and maintaining ecological balance.



White spot butterfly
Direct evidence



Ant Hill
Indirect evidence



Termite Hill
Indirect evidence

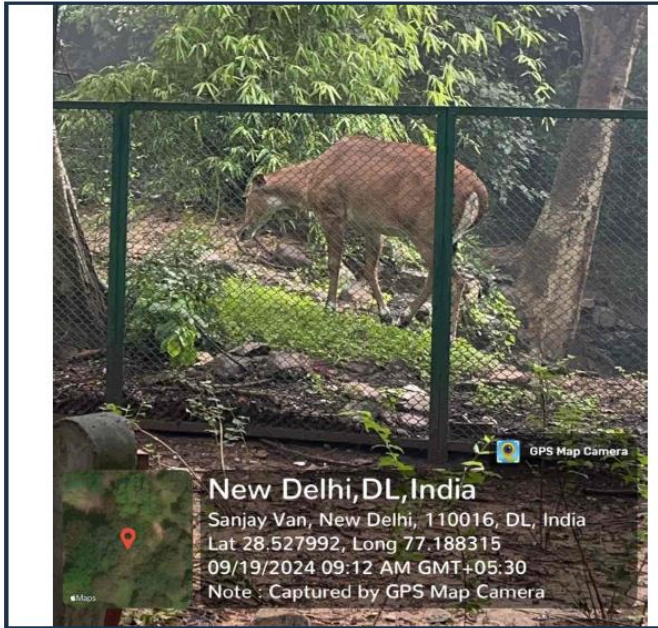
REFERENCES

- https://dda.gov.in/land/scrm_sanjayvan#:~:text=Sanjay%20Van%20is%20a%20part,the%20Indian%20Forest%20Act%2C%201927
- https://en.wikipedia.org/wiki/Sanjay_Van

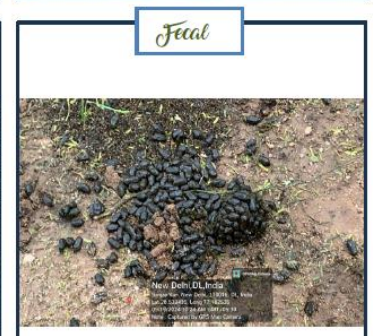
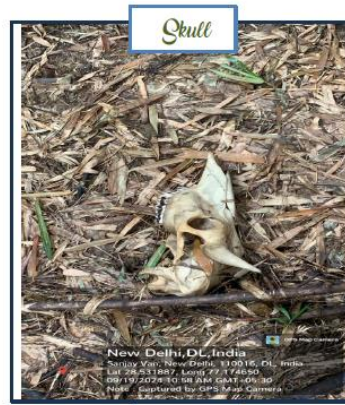
MAMMALIA FAUNA

1. Nilgai (*Boselaphus tragocamelus*)

- Direct Evidence:



- Indirect Evidence:



AVIAN FAUNA

1. Domestic Goose

- Direct Evidence:



2. Indian Peafowl (*Pavo Cristatus*)

- Direct Evidence:



- Indirect Evidence:



Feather of Indian Peafowl

7. Dispersed dust:

7. Red Wattled Lapwing

- Indirect Evidence



8. Crow

- Indirect Evidence



Some additional group pictures





Attendance

19/09/24 DSE - Sanjay Van Toip
(Zoo)

Page No. _____

Date : / /

Life Sciences

- | | | |
|-----|------------------------------|-------------------|
| 1) | Ishika chandhary - 1123060 | <u>Ishika</u> |
| 2) | sneha kagra - 1123031 | <u>Snehakagra</u> |
| 3) | Vishal singh Bisht - 1123048 | <u>Vishal</u> |
| 4) | shikha - 1123081 | <u>shikha</u> |
| 5) | Tanish - 1123069 | <u>Tanish</u> |
| 6) | Harshit - 1123123 | <u>Harshit</u> |
| 7) | Kanu Aryan - 1123141 | <u>Kanu</u> |
| 8) | Jay Joshi - 1122151 | <u>Jay</u> |
| 9) | Paramjeet Yadav - 1123162 | <u>Paramjeet</u> |
| 10) | Chandan Sharma - 1123153 158 | <u>Chandan</u> |
| 11) | shreya - 1123010 | <u>shreya</u> |
| 12) | Alfa Aryan - 1123167 | <u>Alfa</u> |
| 13) | Samaira - 1123015 | <u>Samaira</u> |
| 14) | snigdha - 1123148 | <u>snigdha</u> |
| 15) | Aradhna - 1123179 | <u>Aradhna</u> |
| 16) | Anushka - 1123136 | <u>Anushka</u> |
| 17) | Gargi - 1123108 | <u>Gargi</u> |
| 18) | Aparna - 1123109 | <u>Aparna</u> |
| 19) | Muskan - 1123081 | <u>Muskan</u> |
| 20) | sunidhi - 1123090 | <u>Sunidhi</u> |
| 21) | Jatin Deshwal - 1123606 | <u>Jatin</u> |
| 22) | Chaitali - 1123605 | <u>Chaitali</u> |
| 23) | Prasad Dhanavath - 1123037 | <u>Prasad</u> |
| 24) | Yash Sahu - 1123011 | <u>Yash</u> |
| 25) | Md. Uzair Alam - 1123058 | <u>Md. U. A.</u> |
| 26) | Chaitanya K. - 1123001 | <u>Chaitanya</u> |
| 27) | Sneha Sharma - 1123183 | <u>Sneha</u> |
| 28) | Suhani Singh - 1123114 | <u>Suhani</u> |
| 29) | Meenal Aishwari - 1123182 | <u>Meenal</u> |
| 30) | Krishna - 1123127 | <u>Krishna</u> |

life sciences

31)	Piyush Damant	1123185	Bl
32)	Jatin Saini	1123164	Jatin
33)	Kartik Bhaskar	1123099	Ka
34	Harsh	1123086	Harsh
35	Varsha	1123125	Varsha
36	Nitin	1123098	Nitin
37	Shera Akkesh Singh	1123156	Akash Singh
38	Sumit Nagar	1123008	Sumit
39.	Ajay	1123079	Ajay
40	Priyanshu	1123080	Priyanshu
41	Dikshu Dawuja	1123022	Dikshu
42	Sweeti	1123025	Sweeti
43	Rachna	1123075	Rachna
44	Simran	1123133	Simran
45	Megha	1123157	Megha

DSE (Zoology) - Sanjay Van Trip
date: 19/09/24

Zoology

1)	Pragya	- 2023003	- Pragya
2)	Muskan	- 2023001	- Muskan
3)	Vaishnabi Jena	- 2023049	- Vaishnabi
4)	Aditi	- 2023046	- Aditi
5)	Aman	- 2023036	- Aman
6)	P. Nishanka	- 2023013	- P. Nishanka
7)	Divya	- 2023005	- Divya
8)	Barshan	- 2023027	- Barshan



Tirumala Tirupati Devasthanams

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समापन प्रमाण पत्र
COMPLETION CERTIFICATE

यह प्रमाणित किया जाता है कि **संजय वन की क्षेत्र यात्रा** को **19 सितम्बर** को सुबह 9 बजे विभाग जूलॉजी द्वारा (ऑफ़लाइन) माध्यम में सफलतापूर्वक आयोजित किया गया और इस कार्यक्रम की रिपोर्ट अभिलेख के लिए आंतरिक गुणवत्ता आश्वासन प्रकोष्ठ (IQAC) को जमा कर दी गई है।

This is to certify that the **Field trip to Sanjay Van** was successfully conducted on **19 September, 2024** from **9:00 am to 1 pm** by **Department of Zoology** in the **Offline** mode and its event report has been submitted to IQAC for records.

Richa Misra

Event-in-Charge

Vaishali Pathak

IQAC Coordinator

Coordinator, IQAC
Sri Venkateswara College
(University of Delhi)
Dhaura Kuan, New Delhi-110021

Hajrah

Principal

प्रधानाचार्य
Principal

श्री वेंकटेश्वर महाविद्यालय
Sri Venkateswara College
दिल्ली विश्वविद्यालय / University of Delhi
धौला कुआँ, नई दिल्ली / Dhaura Kuan, New Delhi-21