

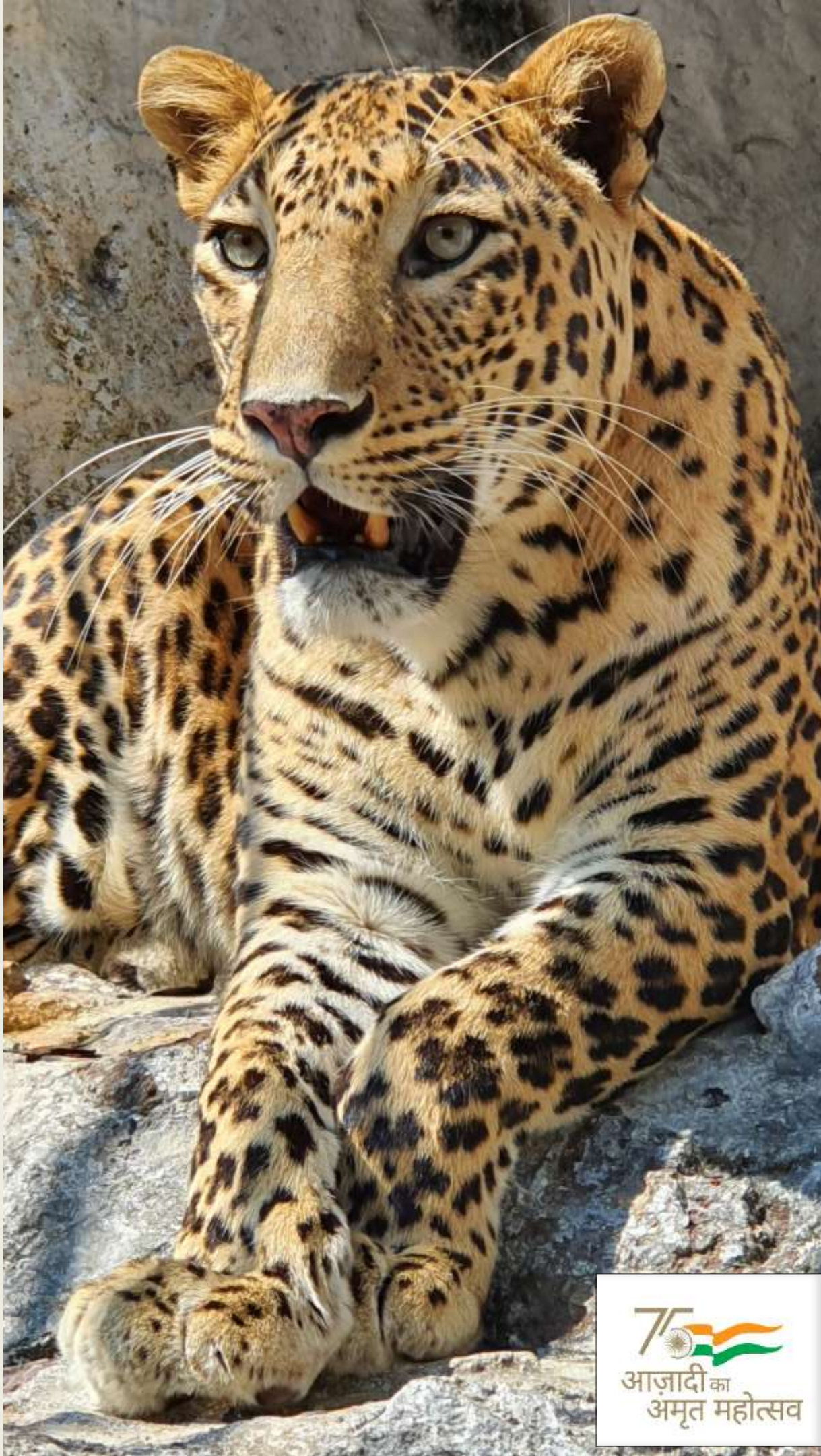


# Sri Sayajibaug Zoo

## Annual Report 2021 - 22



Central Zoo Authority



75  
आज़ादी का  
अमृत महोत्सव



**Common Name:** Rainbow Lorikeet

**Scientific Name:** *Trichoglossus moluccanus*

Rainbow Lorikeets feed mainly on fruits, pollens and nectar, and possess a tongue adapted especially for the particular diet. The tip of their tongue is equipped with a papillate appendage adapted for gathering pollens and nectar from flowers.



LEAST  
CONCERN  
LC

# Table of Contents

<b>Sr. No.</b>	<b>Title</b>	<b>Pg. No.</b>
1.	<b>From the Curator's Desk</b>	<b>4</b>
2.	<b>History of the Zoo</b>	<b>6</b>
3.	<b>Vision and Mission</b>	<b>7</b>
4.	<b>Objectives</b>	<b>7</b>
5.	<b>About Us</b>	<b>8</b>
6.	<b>Team at Zoo</b>	<b>9</b>
7.	<b>Team Strength</b>	<b>10</b>
8.	<b>New Developments at Zoo</b>	<b>12</b>
9.	<b>Enrichment Work</b>	<b>15</b>
10.	<b>Statement of Income and Expenditure at Zoo</b>	<b>17</b>
11.	<b>Daily feeding Schedule of animals</b>	<b>18</b>
12.	<b>Health Care</b>	<b>19</b>
13.	<b>Nutrition</b>	<b>25</b>
14.	<b>Prophylactic Measures</b>	<b>26</b>
15.	<b>COVID-19 Safety Measures</b>	<b>28</b>
16.	<b>Zoo Education</b>	<b>29</b>
17.	<b>Collaboration with Zoo</b>	<b>44</b>
18.	<b>Extension activities at Zoo</b>	<b>45</b>
19.	<b>Activities at Zoo</b>	<b>46</b>
20.	<b>Outreach activities of the Zoo</b>	<b>48</b>
21.	<b>Animal Adoption</b>	<b>49</b>
22.	<b>Animal Inventory</b>	<b>50</b>
23.	<b>Zoo in News</b>	<b>53</b>



# From Curator's Desk



**Dr. Pratyush Patankar**

It is my pleasure to present the Annual Report of Sri Sayajibaug Zoo, Vadodara popularly known as the Baroda Zoo which is situated in the heart of Vadodara City. Our Zoo is one amongst the ancient Zoos of the Country established by our beloved and visionary Maharaja Sir Sayajirao Gaekwad III in the year 1879. Our Zoo has covered a glorious journey of 142 years. The Zoo and the adjoining vast garden form a significant green space in the city and thereby function as the lungs of the City.

Sri Sayajibaug Zoo is under the governance of Vadodara Municipal Corporation and as mentioned in the previous Annual Report, the civic needs of the city being on priority, the departments like Zoo and Garden were in second line of development. Fortunately in the past five years we got dynamic Municipal Commissioners who were focused on the wholistic development of city and hence the Zoo also received a good share of Grants for development from the common Grant Pool.

After getting the approval of our Master (Layout) Plans of our existing Zoo and our satellite facility at Ajwa from CZA during the Year 2018-19. We are also thankful to CZA for approving the designs of our Moat Enclosures for Big Cats and Bear in the same year. Thereby we could under take the construction of Moat Enclosures and that the First Phase of our Zoo Redevelopment started off. We could manage to complete the construction of Moat Enclosures in the year 2020 and the enclosures were inaugurated by Hon'ble Chief Minister of Gujarat on 1<sup>st</sup> December 2020 via E-inauguration in the presence of local dignitaries.

Construction of Moat Enclosures with naturalistic environment and enrichments came up as a landmark in Zoo Redevelopment. The visitors who earlier carried the memories of watching Big Cats in small cages through the bars could now have a wonderful experience of barrier free viewing and watching these charismatic species roaming freely in vast open air enclosures. Our newly constructed Moat Enclosures are greatly appreciated by the visitors and have helped us gain much quantum of popularity on the social media as well. This encouragement by the society motivated us to take up our second phase of Redevelopment that includes construction of New Aviary at the Zoo. Currently a huge Walk-In Aviary for Mixed Species Indian Aquatic Birds and an aviary for Mixed Species Exotic Birds is under construction and we intend to finish this project towards the year end.



# From Curator's Desk



The COVID-19 had its after effects as well as COVID cases are still showing up in the year 2021-22 also. The beginning of the financial year again witnessed a lockdown but this time the period was just for three months. Slowly things started getting normal and we at zoo started functioning but with all the necessary precautions as per the guidelines of COVID-19.

Currently our Zoo houses 81 species of animals numbering to 1033 individuals been taken care of their feeding, health and hygiene, housing and enrichment by the dedicated and enthusiastic staff of the Zoo. We are focused on enhancing our inventory, undertake breeding programmes of important species and also encourage students from various disciplines to take up Research and Documentation and small projects in the Zoo so as to strengthen the component of Zoo Education. We are thankful to CZA for their constant support and guidance.

Lastly, I again thank my entire team for diligence of their respective duties with keen interest and dedication thereby maintaining clean and green environment at the Zoo for both animals and visitors.

**Dr. Pratyush Patankar**  
**Curator**  
**Vadodara Municipal Corporation**  
**Vadodara**



# History of the Zoo



*H. H. Shrimant Maharaja  
Sayajirao Gaekwad III*

The inspiration of Zoo in Baroda came from H.H. Shrimant Maharaja Sayajirao Gaekwad III, the erstwhile visionary ruler of Baroda State. It was way back in 1875 when The Maharaja selected a tract of land on the bank of river Vishwamitri, on the outskirts of the Baroda city to develop a vast public garden and a zoo. The Zoo which was a private collection of The Maharaja, which included a wide variety of Indian and Exotic Animals, was donated by The Maharaja to his beloved citizens of Baroda on 8<sup>th</sup> Jan 1879, and thereafter the park was declared open to the public. Post-Independence, in the year 1948, the Zoo and the Garden were handed over to Vadodara Municipal Bureau, now Vadodara Municipal Corporation.

Later, the Zoo and the Garden were named in the honour of the visionary ruler H. H. Shrimant Maharaja Sayajirao Gaekwad III, and came to be known as ‘Sri Sayajibaug Zoo’. Today, Sri Sayajibaug Zoo is one of the major departments under the aegis of Vadodara Municipal Corporation and is also one of the major revenue generating bodies of the Corporation.

# Vision, Mission and Objectives

## ➤ Vision

We envision developing empathy in visitors for wild animals, inspire and educate them towards wildlife conservation and motivate them to adopt sustainable living practices to live in harmony with nature.

## ➤ Mission

We pledge to meet the best standards of display of wild animals by designing spacious enclosures enriched with naturalistic environments and provide the best housing as well as health care facility to our animals.

To maintain healthy and viable populations of wild animals to be utilized in ex-situ conservation through well planned Conservation Breeding Programmes.

We aim to develop the Zoo as a ‘Centre for Education’ by catering to our visitors through the best field learning experiences. Involve in collaborative research, invest in Staff Training Programmes and strengthen their skills, thereby the Zoo shall holistically come up as a scientific institution.

## ➤ Objectives

- Conservation Education
- Conservation Breeding
- Research and Documentation
- Assisting Forest Department in Rescue and Rehabilitation of Wildlife
- Recreation for Zoo Visitors



# About Us



**SRI SAYAJIBAUG ZOO**



Established in 1879



Sri Sayajibaug Zoo, Nr. Bal Bhavan,  
Karelibaug, Vadodara- 390018



Gujarat



0265 2784079



sayajibaugzoo@gmail.com



<https://vmc.gov.in/ZooDetails.aspx>



4.8 km from Zoo



1.4 km from Zoo



1.2 km from Zoo



Recognition valid up to August 2022



Medium Zoo



15 Hectares



Closed on every Thursday



Adult: 8,00,104



Children: 1,33,740



Total Visitors: 9,33,844

Public Amenities:



## Management Personnel of the Zoo

Curator	Dr. Pratyush Patankar
Asst. Curator	Mr. Digvijaysinh Gohil
Asst. Curator	Mr. Elvis Katara
I/c Veterinarian	Dr. Suchit Pandya
Education Officer	Mr. Manav Mehta
Biologist	Dr. Suchit Pandya

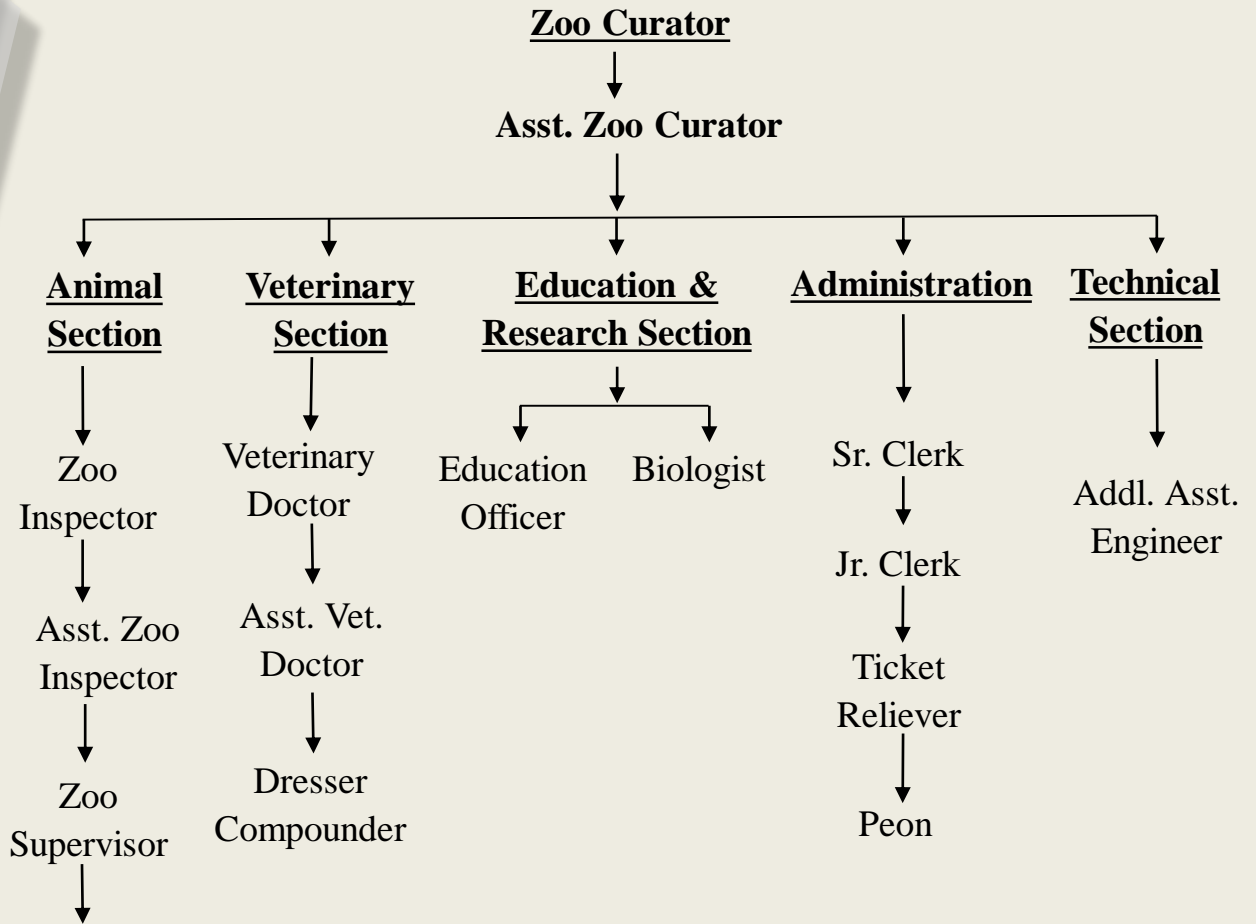
## Owner/Operator of the Zoo

Name of the Operator	Shalini Agarwal (IAS) Municipal Commissioner
Address of the Operator	Khanderao Market Building, Raj Mahal Road, Vadodara – 390 001
Contact details	(0265) 2433344
Email address of the Operator	commissioner@vmc.gov.in





# Team at Zoo



- Animal Keeper
- Gardener
- Sweeper
- Laborer



# Team Strength

## ➤ Permanent Staff of Sri Sayajibaug Zoo

Sr. No.	Designation	Number of Sanctioned Posts	Names of the Officials & Employees
1.	Zoo Curator	1	Dr. Pratyush Patankar
2.	Asst. Zoo Curator	1	Mr. Digvijaysinh Gohil
3.	Asst. Zoo Curator	1	Mr. Elvis Katara
4.	Education Officer	1	Mr. Manav Mehta
5.	Biologist	1	Dr. Suchit Pandya
6.	Veterinary Doctor	1	Dr. Suchit Pandya (in-charge)
7.	Sr. Clerk	1	-
8.	Jr. Clerk	3	Mr. Dhaval Barot, Mr. Vipul Desai and Mr. Jayesh Prajapati
9.	Dresser Compounder	1	-
10.	Zoo Supervisor	3	-
11.	Animal Keeper	33	Bhagvanbhai H. Jadav, Punambhai B. Padhiyar, Gopalbhai K. Mali, Pratapbhai R. Padhiyar, Sanjay P. Parmar, Babubhai V. Raval, Punambhai M. Mali, Suresh R. Bhaliya, Dashrathsinh D. Solanki, Vajid S. Shaikh, Jayantibhai C. Rajput.
12.	Labourer	11	Himmatbhai Padhiyar, Mehul Vagh, Kanchan P. Thakor, Rajendra B. Parmar
13.	Sweeper	7	Ashokbhai Z. Solanki, Ambalal Solanki, Jayeshbhai S. Harijan, Narendra B. Solanki, Amarsing Solanki, Divyesh J. Solanki



# Team Strength

## ➤ Retirements



**Shri Hanifkhan Pathan**  
**Animal Keeper**  
**Retired on: 31/08/2021**



**Shri Jasubhai Solanki**  
**Sweeper**  
**Retired on: 31/08/2021**



**Shri Jayantibhai Mali**  
**Animal Keeper**  
**Retired on: 28/02/2022**





# 🌀 New Developments at Zoo

## ➤ Work in-progress for New Walk-In Aviary

The project of New Walk-In Aviary is one of the most detailed project which has been developed with fine planning, immense efforts and micro focus on every minute aspect during its execution. The glimpse of some challenging tasks during its course of development is depicted by the means of pictures below.



Dead tree trunk which are potential sites of breeding were not removed from the project and were considered at every point from excavation to Ferrule Mesh erection in the final stage.



Trees coming in the walk way of Walk-In Aviary were retained and encircled with in the walk way, which gives a natural and aesthetic feel to the visitors walking within the Aviary.

Apart from aesthetics these trees serve as major sites for bird roosting, nesting, breeding and their presence in a newly developed project gives a green message to the society.



# 🌀 New Developments at Zoo

## ➤ Work in-progress for New Walk-In Aviary



The entry and exit of the project have been designed thoughtfully as the entry to the Walk-in Aviary is from the Exotic Parrot Section of the Aviary and its exit is towards the Indian Parakeet Section. This keeps the visitors engaged with different birds species along with proper visitor management.



The trees higher than the height of the Walk-in Aviary Dome were successfully cordoned and given ample trunk space to grow in future.

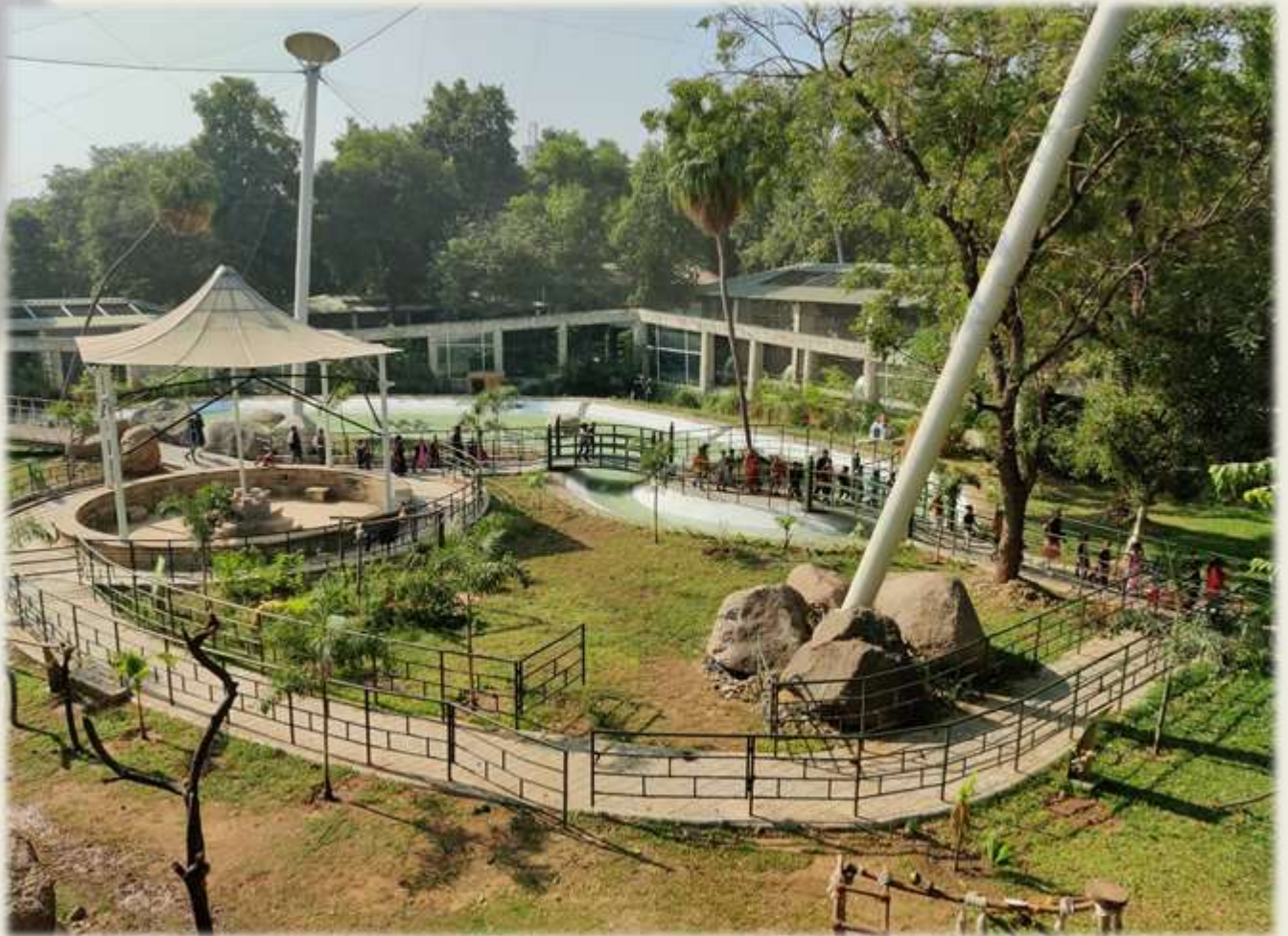


Height inspection by Curator





# Glimpse of New Aviary





# Enrichment Work

Enrichment at the zoo is an important task as it allows the animals to exhibit their species specific behaviour. It also provides the animals an opportunity to exercise, develop control and have different choice of activities within their enclosures. Providing enrichment within the enclosures enhances the zoo environment for an animal as it encourages them to explore more and interact more with their surroundings. In addition to this, enrichment adds on to increased visitor's response and experience in the zoo, as visitor can view the animals being more active and exhibiting their natural behaviour.

The Enrichment Team at Sri Sayajibaug Zoo plans species specific enrichments to enhance the animal activity and visitor experience.



*In the frame: Lioness (Gail)*

In this picture the lioness is seen engaged on the platform following the scent mark trail of chicken.

Here the lioness has been provided with a dual channel enrichment which is a combination of Sensory Enrichment and Food Enrichment.

Purpose: Scents encourage animals to explore their habitats. Natural predator or prey scents can be sprinkled or applied in the enclosure or any enrichment medium for an animal to investigate.



# Enrichment Work

In the Aviary Section, the team at the Zoo carrying out enrichment work provided a wide range of enrichment to the birds. The enrichment is so diverse and interactive for the captive birds and has positive effects on both their mental and physical well being.



*In the frame: White Peafowl ♀*

The White Peafowl's were provided with a variation in perching sizes and locations, in addition to this sunbathing perches were also provided. Purpose: Periodic re-perching can stimulate activity).

The team constructs traditional huts from dry hay and the birds are provided with natural nesting materials which are collected by birds and the nest is then occupied by the bird. The nesting hideouts like these enhances the breeding behavior in birds.





# Statement of Income and Expenditure at Zoo

## ➤ Revenue Statement

Revenue	Rs. in Lakhs
Gate Revenue	92.60
Animal Adoption Fee	1.28
Tender Fee	1.20
<b>Total</b>	<b>95.08</b>

## ➤ Administrative Expenditure Statement

Expenditure	Rs. in Lakhs
Establishment	192.93
Animal Feed	94.70
Medicine	2.45
Maintenance Work	40.90
Office Expenses	4.73
<b>Total</b>	<b>335.71</b>





# Daily Feeding Schedule of Animals

Sr. No.	Species	Feed item	Season		Day of fasting
			Winter	Summer	
1.	<b>Birds</b>	Vegetables, Fruits, Cereals, Legumes, Milk, Bread, Fish	Seasonal Vegetables & Fruits	Seasonal Vegetables & Fruits	---
2.	<b>Mammals</b>				
a.	Carnivores	Beef, Chicken, Egg			Thursday
b.	Primates	Vegetables, Fruits, Bread, Roasted Chana, Peanuts	Seasonal Vegetables & Fruits	Seasonal Vegetables & Fruits	---
c.	Herbivores	Green Fodder, Dry Fodder, Concentrate Mix, Pellet Feed	Lucerne	Sorghum Maize	---
d.	Bear	Vegetables, Fruits, Milk, Bread/Roti	Seasonal Vegetables, Fruits & Honey	Seasonal Vegetables & Fruits	---
e.	Porcupine	Vegetables, Fruits, Bread, Roasted Chana, Peanuts	---	---	---
f.	Hippopotamus	Cucumber, Potato, Cabbage, Leafy Vegetables, Bottle Gourd, Green Fodder, Concentrate Mix	---	---	---
3.	<b>Reptiles</b>				
a.	Crocodile, Gharial, Spectacled Caiman	Fish	---	---	---
b.	Tortoise & Iguana	Vegetables	---	---	---
c.	Turtles	Vegetables & Minced Meat	---	---	---



# Health Care

## ➤ Vaccination Schedule of Animals

Sr. No.	Species	Name of the Vaccine and dosage/ quantity used	Periodicity
1.	Felines: Tigers, Lions, Leopards	Fel-O-Vex, Canigen, DHPPiL, ARV	Annually
2.	Canids: Jackal	Canigen, DHPPiL, ARV	Annually

## ➤ Deworming Schedule of Animals

Sr. No.	Species	Dewormer	Periodicity
1.	Birds	Albendazole, Fenbendazole, Praziquantel, Pyrantel Pamoate, Piperazine Hydrate	Quarterly
2.	Carnivores	Albendazole, Fenbendazole with Ivermectin	Quarterly
3.	Bear	Albendazole, Fenbendazole with Ivermectin	Quarterly
4.	Herbivores	Albendazole, Fenbendazole with Ivermectin	Quarterly
5.	Primate	Albendazole, Fenbendazole with Ivermectin	Quarterly



# Health Care

## ➤ Disinfection Schedule

Sr. No.	Enclosure	Disinfectant used and method (spray)	Area of Enclosure	Frequency of disinfection
1.	Mammals (Carnivores & Omnivores)	Kohrsolin & Povidine Iodine (foam base)	a. Holding Rooms b. Paddock Area	a. Daily b. Once a month
2.	Herbivores	Combination of Amitraz, Deltamethrin, Potassium Permanganate & Povidine Iodine (foam base)	a. Entire Enclosure	a. Quarterly
3.	Primates	Kohrsolin & Povidine Iodine (foam base)	a. Holding Rooms b. Entire Enclosure	a. Daily b. Once a month
4.	Birds	Amitraz, Kohrsolin & Povidine Iodine (foam base)	a. Entire Enclosure	a. Weekly Twice





# Health Care



*In frame: Carnivores being vaccinated in the squeeze cage.*

The foundation of a medical programme for zoo animals is preventive medicine. Preventive medical programme should be dynamic and consider the individual animal and its population. Vaccination is done periodically to prevent infectious diseases. Vaccination in time is an important pillar in the preventive medicine programme of all zoo animals.



# Health Care

To mitigate sickness or injury in animals the Veterinary Team performs regular inspection to check health of the animals and keeps in-check the hygiene of enclosures and gives required instructions/suggestions according to the enclosure situation and animal condition.



*In frame:*

- 1. During summer season a Black Kite (*Milvus migrans*) was found dehydrated in the Zoo Campus. The individual was helped with rehydration and after providing the bird with necessary supplements it was released back in wild.*
- 2. Piscivorous birds are periodically administered with dietary supplements in their diet.*
- 3. Rose-ringed Parakeet (*Psittacula krameri*) showed symptoms of stress, weakness and increased body temperature due to interfight; the bird was secured and all the required oral supplements were given for quick recovery. After a short quarantine the bird was released back in its enclosure.*





# Health Care

➤ Cloacal Sample Collection of Birds in association with Animal Disease Investigation Office (ADIO – Baroda) as per the guidelines issued by CZA and Animal Husbandry Department as precaution towards Avian influenza



- **No.: 1** - Zoo Officials guiding Animal Keeper's regarding Bird Capture and Handling during sampling
- **No.: 2** – Dr. Nishtha Mahida (ADIO) preparing test kit for sampling with Zoo Officers
- **No.: 3** – Dr. Nishtha Mahida (ADIO) collecting samples for investigation
- **No.:4** – ADIO Team collecting cloacal samples



Blood samples of species requiring attention are periodically sent for analysis to Anand Veterinary College for hematological analysis.





# Health Care

It is advised to keep animals/birds in captivity in viable pairs or socially viable groups (whichever holds true for the species housed at the zoo). Keeping them in viable pairs or groups keeps the animals/birds engaged mentally and physically. It also gives them a sense of belonging.

However, when animals/birds are kept in pairs or groups they showcase a very natural set of behavior and there is a maximum possibility that the animals/birds housed together might get territorial and may enter into an interfight with the fellow mate, which is very natural.

Sometimes such aggression amongst them might prove injurious to the victim animal/bird.



*In frame: Dr. Parikh (Prof. & Head, Department of Surgery, Anand Veterinary College) with his team of experts is seen preparing for a wound surgery in Lioness Gail (Asiatic Lion).*

*We are grateful to Dr. Parikh for extending his timely support with his team of experts, considering the seriousness of the injury and importance of the species.*



# Nutrition

The team at the Zoo understands that nutrition being the primary step towards achieving sound health of the animals, the diet of all the animals is designed carefully considering the wide variety of species housed at the Zoo. The designed diet is being monitored regularly by our Veterinarian, Biologist and their team and the diet is modified as per the suggestions from Veterinarian and/or Biologist from time to time and also considering the seasonal availability of food items and health care requirements of the animals.

This year the herbivore animals housed at Ajwa Wildlife Park (a satellite extension facility of Sri Sayajibaug Zoo) were provided with special dietary supplements in pellet feed which enhances their overall health, resistance to disease and also boost their breeding process.





# Prophylactic Measures

Our team at Sri Sayajibaug Zoo is constantly working on providing suitable conditions to our animals during different seasons across the year especially when the climatic conditions are extreme. The State of Gujarat has hot and dry weather during the major part of the year the temperatures go soaring above 40°C from mid April till the end of June. Therefore, the animals housed at Sri Sayajibaug Zoo requires special attention during these harsh summer days. The prophylactic measures taken during the summer seasons are depicted in the pictures below:



The water body in carnivores are filled with cool potable water which the animal can utilize from drinking purpose (apart from the regular water trough) and big cats like Tiger can submerge itself in the surge of rising temperature to cool itself.



Resting Shades made up of natural materials are made by our team in-house for herbivores to keep the temperature beneath the shade calmer. Also, birds can be seen enjoying their showers which are given twice a day.





# Prophylactic Measures



Sprinklers are used in herbivore enclosures during peak summer days to cool off from the heat.



*In the frame: Blackbuck (Antelope cervicapra)*

The Blackbuck housed at Ajwa Wildlife Park can be seen jumping with joy when the routine activity of sprinkling water through sprinklers commences.





# COVID-19 Safety Measures

All the suggested protocol like sanitization of hands before entering the zoo premises, body temperature checkup, wearing a mask is compulsory signage, keep distance signage etc. were ensured post COVID-19 opening of the zoo to ensure visitor friendly and disease free environment.



The queue area at the Zoo Ticket window had been marked with 2 Feet distance markers for ensuring mandatory distance of 2 Feet at the ticket window.



All the enclosure had their visitor viewing areas marked with minimum 2 Feet distance markings and strict security vigilance was carried out for better visitor management.



The children play area near the zoo entry gate and the near by passages area of the zoo ticket window had display banners raised to follow COVID-19 guidelines.





# Zoo Education

A visit to a Zoo enables the visitors to learn more about wild animals effectively. A guided tour with efficient and focused information to the children visiting the zoo can foster cognitive development and promote empathy and compassion towards wildlife. Discussing about animals while observing them creates inquisitiveness and a keen interest in conservation and the realization that animals too have feelings and emotions.

In the lieu of COVID-19 global pandemic recovery situation the education team of Sri Sayajibaug Zoo followed all the COVID-19 safety protocols and catered large number of educational institutes both schools and colleges and conducted field sessions for the students on various aspects of Wildlife, Conservation, Animal Behaviour, Zoo Management, etc.



**Wildlife Week was celebrated with Special Educators.**





# Zoo Education

## Planned Zoo visit for the students of District Child Protection Society



A brief talk on Identification of Indian Aquatic Birds.

Celebrating viewing Asiatic Lion, as many students witnessed a live Lion beyond book and pictures for the first time.





# Zoo Education

## Wildlife Week Celebration



A Day at Zoo for the Specially abled children.





# Zoo Education

## Wildlife Week Celebration



Wildlife Week celebration was organized with the participation of students from several schools of Panchmahal district namely Rinchhvani School, Samidhas Shaniyada School, Khanpatla School, Padradi School, Mullakuva School, and Ranipura School.





# Zoo Education

## Informative Guided Tours on various topics for Schools



A discussion session was held indoors with students from the Centrally Sponsored Schemes of Sarva Shiksha Abhiyan - Panchmahal, along with the students from Block Resource Centre Bhavan - Godhra. The session focused on the habits and behaviors of wild animals in their natural habitats.



# Zoo Education

## “Azadi Ka Amrit Mahotsav”

As a part of Wildlife Week Celebration and to commemorate “Azadi Ka Amrit Mahotsav” which celebrates 75 Years of Independence for India, the Central Zoo Authority (CZA), New Delhi had identified 75 recognized Zoos across India and these 75 selected zoos were allotted one species each from the 75 Species of importance shortlisted for spreading awareness for the said species.

Sri Sayajibaug Zoo, Vadodara was selected amongst these 75 zoos and the species of focus allotted to our zoo was “Greater Flamingo - *Phoenicopterus roseus*”, the State bird of Gujarat.

Our Zoo actively conducted both online and offline sessions from 11<sup>th</sup> October to 17<sup>th</sup> October 2021 and all the events were a grand success.



**Sri Sayajibaug Zoo**  
Vadodara Municipal Corporation

Webinar Link: <https://meet.google.com/gqp-ocq-pyt>

Species in Focus: Greater Flamingo (*Phoenicopterus roseus*)

Topic: “Greater Flamingos in Gujarat: Captivity and Conservation”

Expert Talk by  
**Dr. Anika Tere**  
Faculty at MGM School, New Sama

11<sup>th</sup> October 2021  
Monday 04:00-05:00pm

“CONSERVATION TO CO-EXISTENCE: THE PEOPLE CONNECT”

75 CONSERVATION TO CO-EXISTENCE: THE PEOPLE CONNECT  
India # 75 Weeks 75 Species 75 Zoos

BNHS

आजादी का अमृत महोत्सव

**Day 1**  
**Topic - Greater Flamingos in Gujarat: Captivity and Conservation**

*Did You Know? - Greater Flamingo is the State Bird of Gujarat State.*





# Zoo Education

## Day 2

### Topic - Gujarat: The Home State of Flamingos



**Sri Sayajibaug Zoo**  
Vadodara Municipal Corporation

Webinar Link: <https://meet.google.com/nhe-tpub-kxy>

**Species in Focus: Greater Flamingo**  
(*Phoenicopterus roseus*)

**Topic:**  
"Gujarat: The Home State of Flamingos"

**Expert Talk by**  
Shri Uday Vora  
IFS, Retd. Chief Conservator of Forest

**12<sup>th</sup> October 2021**  
Tuesday 04:00-05:00pm

**"CONSERVATION TO CO-EXISTENCE: THE PEOPLE CONNECT"**

75 CONSERVATION TO CO-EXISTENCE: THE PEOPLE CONNECT  
India # 75 Weeks 75 Species 75 Zoos

BNHS

आजादी का अमृत महोत्सव



**ZOO IN FOCUS: SRI SAYAJIBAUG ZOO**

**Celebrating 75 Years of Independence**  
Azadi Ka Amrit Mahotsav

**Species in Focus: Greater Flamingo (*Phoenicopterus roseus*)**

**12/10/2021 – "Online Drawing Competition"**

Class	Topic
Class 1 to 4	- My Favourite Wild Animal OR Bird
Class 5 to 8	- Forest with Wild Animal OR Bird
Class 9 to 12	- Grassland and its Wildlife
Physically Challenged & Divyang Kids	- Natural Scene & Save Nature
Class 12 & above	- Various Habitats with their Wildlife

**Instructions:**

- Paper Size – A4
- Submit scanned copy OR Submit in JPEG format
- Mention Name, School, Class and Details of Candidate

**75 CONSERVATION TO CO-EXISTENCE: THE PEOPLE CONNECT**  
India # 75 Weeks 75 Species 75 Zoos

BNHS

आजादी का अमृत महोत्सव

**"CONSERVATION TO CO-EXISTENCE: THE PEOPLE CONNECT"**





# Zoo Education

**Sri Sayajibaug Zoo**  
Vadodara Municipal Corporation

13<sup>th</sup> October 2021  
Wednesday 04:00-05:00pm

Species in Focus: Greater Flamingo  
(*Phoenicopterus roseus*)

Topic: "Know Your Species, Know Your Zoo"

"Know Your Species"  
Expert Talk by Dr. Goldin Quadros  
Principal Scientist, Salim Ali Centre for  
Ornithology and Natural History

"Know Your Zoo"  
Expert Talk by Dr. Pratyush Patankar  
Curator  
Sri Sayajibaug Zoo  
Vadodara Municipal Corporation

"CONSERVATION TO CO-EXISTENCE: THE PEOPLE CONNECT"

75 CONSERVATION TO CO-EXISTENCE: THE PEOPLE CONNECT  
India # 75 Weeks 75 Species 75 Zoos

BNHS

75 आज़ादी का अमृत महोत्सव

Day 3  
Topic 1- Know Your Species  
Topic 2 – Know Your Zoo

Day 4  
Topic – Courtship  
Behaviour of Flamingos

**Sri Sayajibaug Zoo**  
Vadodara Municipal Corporation

Webinar Link: <https://meet.google.com/vmk-wrsa-jpb>

14<sup>th</sup> October 2021  
Thursday 04:00-05:00pm

Species in Focus: Greater Flamingo  
(*Phoenicopterus roseus*)

Topic:  
"Courtship Behaviour of Flamingos"

Expert Talk by  
Mr. Dhavaalkumar Varagiya  
Research Scholar and currently working  
as Program Officer with C-SCAPES

"CONSERVATION TO CO-EXISTENCE: THE PEOPLE CONNECT"

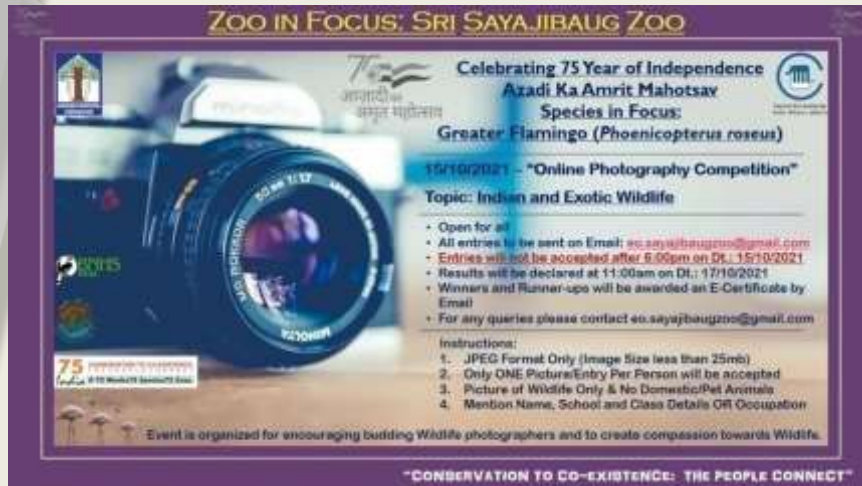
75 CONSERVATION TO CO-EXISTENCE: THE PEOPLE CONNECT  
India # 75 Weeks 75 Species 75 Zoos

BNHS

75 आज़ादी का अमृत महोत्सव



# Zoo Education



**Day 5**  
**Topic – Online**  
**Photography Competition**

**Day 6**  
**Topic – Online**  
**Quiz Competition**



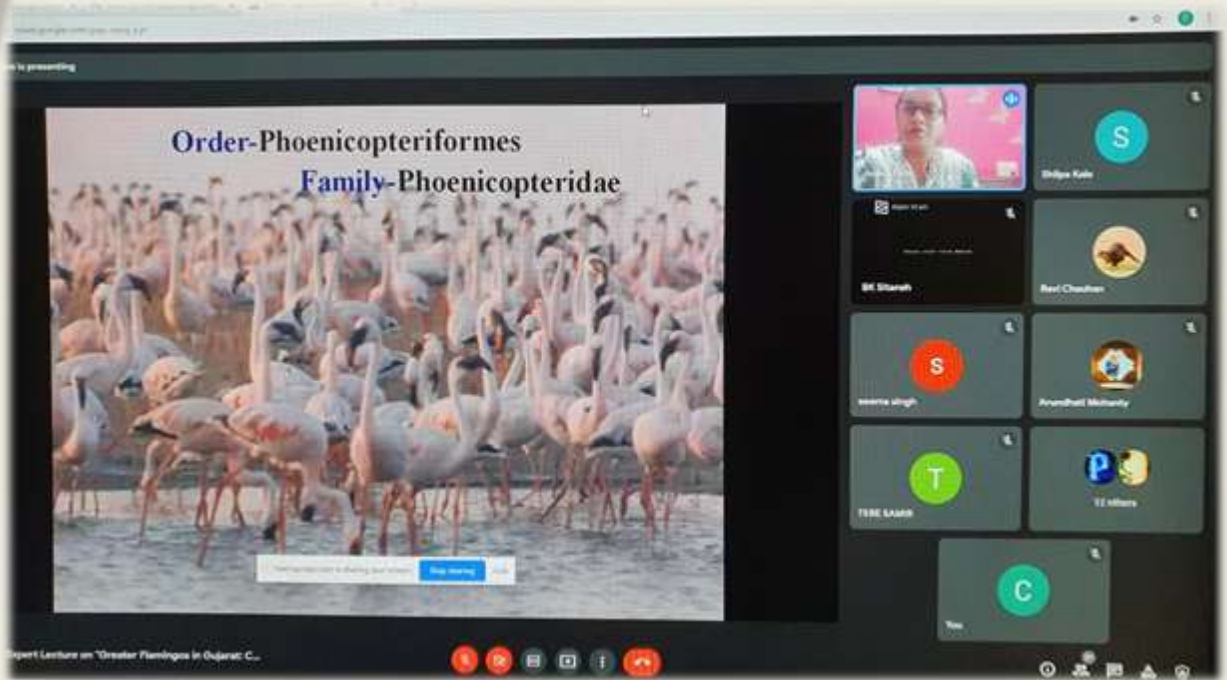
**Day 7**  
**Topic – Closing Ceremony**  
**and Result Declaration**





# Zoo Education

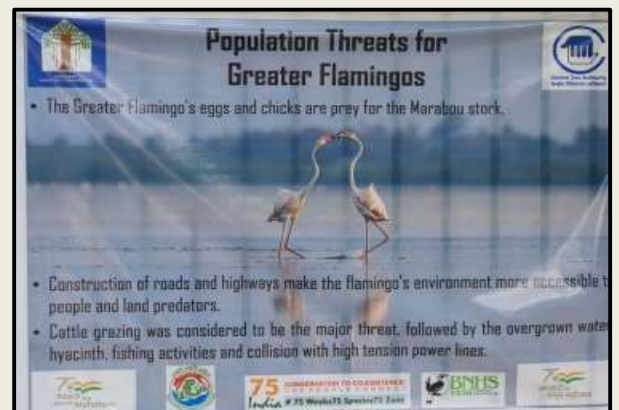
## Glimpses of Online Webinars



Discussion session on Flamingo with students of Zoology from Department of Zoology, The Maharaja Sayajirao University of Baroda



## Informative banners of Greater Flamingo were displayed in zoo premises for species awareness





# Zoo Education

## One Day Training Programme for Range Forest Officers from Kundal Academy of Development, Administration and Management (Forest), Government of Maharashtra



In this one day training programme the Trainee RFO's were imparted knowledge about Animal Identification, Animal Behaviour and a wholistic overview of zoo management and Ex-situ Conservation.





# Zoo Education

In this interactive learning and hands-on training session the students pursuing Masters in Zoology from Maharaja Sayajirao University of Baroda were taught about the importance of size and weight in seizing the health of the Indian Star Tortoise. The students pursuing Masters in Zoology from The Maharaja Sayajirao University of Baroda were taught the morphometry and significance of size and weight as health indicators using Indian Star Tortoise as model. Students were also taught various techniques of morphometry in Star Tortoise on field.





# Zoo Education

Sri Sayajibaug Zoo, Vadodara offers internship programme to the Veterinary Students of all the four Veterinary Colleges under Kamdhenu University of the State of Gujarat as a part of their curriculum. These students come to the zoo in batches for a period of 10 days per batch. During the 10 day period these batches are catered with lectures on wildlife of India, Ex-situ Conservation, Ecology and Species Identification.





# Zoo Education

On-field lectures are conducted on the breeding biology of birds to show the importance of egg labeling and their safe transportation from nest site to artificial incubator in the case when female is exhibiting non-brooding behaviour.



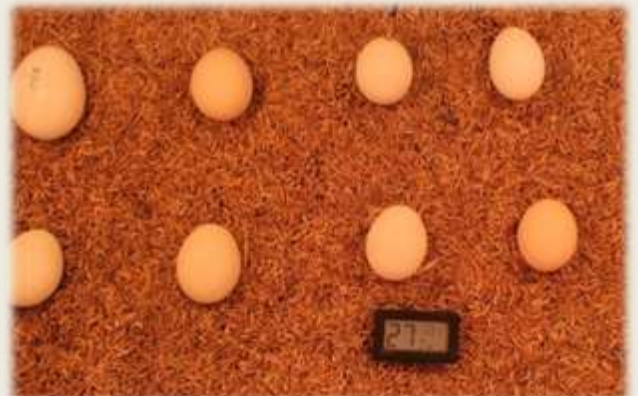
Veterinary interns are briefed about the placement of egg, the labeling position on the egg and the transportation of egg from nest site to artificial incubator in laboratory.



Hands on activity for Veterinary interns



Egg in the transport box post collection and labeling from nest site



Egg in transferred from transport box to incubator





## Collaborations with Zoo

### ➤ World Rhino Day



World Rhino Day is celebrated on 22<sup>nd</sup> September of every Year.

The team at Sri Sayajibaug Zoo collaborated with Indian Oil Corporation Limited (IOCL) and celebrated World Rhino Day, as the Mascot of Indian Oil Corporation Limited is the Indian One Horned Rhinoceros.

### ➤ Friends of Zoo Scheme



Kumar Organic Products Limited is a Bengaluru based Multi National Company having an Research and Development branch at Vadodara. As a part of their Corporate Environmental Responsibility (CER) they have considered to adopt a tiger wherever their branch office is situated. Tigress -“Dharti” at Vadodara Zoo has been adopted by Kumar Organic Products Limited.



# 🌀 Extension activities at Zoo

## ➤ World Sparrow Day

The team at zoo celebrated World Sparrow Day on 20<sup>th</sup> March by distributing free nest box for sparrows. The event was graced by Dr. Hitendra Patel, Hon'ble Chairman – Standing Committee, Vadodara Municipal Corporation and the team is thankful to him for nest box distribution and making the event a grand success. The nest boxes were sponsored by Mr. Aliasgar Vohra and his team.



*In frame from left to right:*

*(1) Mr. Aliasgar Vohra (2) Dr. Hitendra Patel (3) Dr. Pratyush Patankar (4) Mr. Manav Mehta*



The zoo team with Hon'ble Chairman Sir





# 🌀 Activities at Zoo

## ➤ World Forestry Day



The team at zoo celebrated World Forestry Day on 21<sup>st</sup> March by planting various indigenous species of fruiting trees at its satellite extension facility i.e. Ajwa Wildlife Park, Vadodara.





# 🌀 Activities at Zoo

## ➤ World Environment Day

The team at zoo celebrated World Environment Day on 5<sup>th</sup> June in the presence of Mr. Sudhir Patel, Hon'ble Dy. Municipal Commissioner, Vadodara Municipal Corporation by planting various indigenous species of trees in and around the aviary section of the zoo.





# 🌀 Outreach activities of the Zoo

## ➤ National Science Day

28<sup>th</sup> February is observed as National Science Day to celebrate the discovery of “Raman Effect” by the renowned Indian Physicist and Nobel Laureat Sir C. V. Raman. On this occasion Baroda High School Alkapuri K.G. & Primary (Afternoon Shift) had organized a science exhibition where the toddlers and young kids, the future budding scientist of the county had displayed their working models with excellent presentation skills.

Dr. Pratyush Patankar, Curator and Mr. Manav Mehta, Education Officer of Sri Sayajibaug Zoo were invited as the Chief Guest for the event. It was indeed a fun and nostalgic to get back to school and to interact with these young and sharp minds.



# Animal Adoption

<b>Sr. No.</b>	<b>Name of Adopter</b>	<b>Name of Animal</b>	<b>Adoption Period</b>	<b>Amount (Rs.) For Single Individual</b>
1.	Shobha Bontra	Indian Star Tortoise	01/07/2021 to 30/06/2022	7500/-
2.	Swejal Vyas	Love Bird	28/07/2021 to 27/07/2022	2000/-
3.	Jaival & Rina Trivedi	Rabbit	06/11/2021 to 05/11/2022	2000/-
4.	Indravadan Jani	Love Bird	06/11/2021 to 05/11/2022	2000/-
5.	Bhagvatiben Barot	Rabbit	16/11/2021 to 15/11/2022	2000/-
6.	Trushaben Trivedi	Red-Eared Slider Turtle	18/12/2021 to 17/12/2022	3000/-
7.	Mittal Prajapati	Rainbow Lorikeet	23/02/2022 to 22/02/2023	3000/-
8.	Kumar Organic Products Ltd.	Tigress (Dharti)	28/02/2022 to 27/02/2023	96500/-
9.	Meghavi & Vency Deesawala	a. Red & Green Macaw, b. Blue & Gold Macaw	05/03/2022 to 04/03/2023	10000/-







# Animal Inventory

Sr. No	Animal Name	Scientific Name	Opening Stock			Birth			Acquisition			Disposal			Death			Closing Stock			
			M	F	U	M	F	U	M	F	U	M	F	U	M	F	U	M	F	U	
1	Oriental Pied Hornbill	<i>Anthraceroceros albirostris</i>	1		1														1		1
2	Common Hill Myna	<i>Gracula religiosa</i>	1	1	2														1	1	2
3	Indian Peafowl	<i>Pavo cristatus</i>	1	1	2														1	1	2
4	Kalji Pheasant	<i>Lophura leucomelanos</i>	1	2	3														1	2	3
5	Red Junglefowl	<i>Gallus gallus</i>	2	2	2														2	2	2
6	Four-horned Antelope	<i>Tetracerus quadricornis</i>	3	3	3														3	3	3
7	Himalayan Black Bear	<i>Ursus tibetanus laniger</i>	1		1														1		1
8	Blackbuck	<i>Antelope cervicapra</i>	3	6	34	43													3	6	34
9	Blackbuck (Albino)	<i>Antelope cervicapra</i>	2	2	4														2	2	4
10	Chinkara	<i>Gazella bennetti</i>	3	3	3														3	3	3
11	Eld's Deer (Brow-antlered Deer)	<i>Rucervus eldii</i>	2	2	2	6													1	1	2
12	Indian Hog Deer	<i>Hyelaphus porcinus</i>	2	9	2	13													2	9	2
13	Leopard	<i>Panthera pardus</i>	3	2	5														3	2	5
14	Asiatic Lion	<i>Panthera leo persica</i>	2	1	3														2	1	3
15	Bonnet Macaque	<i>Macaca radiata</i>	1	1	2														1	1	2
16	Southern Pig-tailed Macaque	<i>Macaca nemestrina</i>	3	2	5	10													3	2	5
17	Rhesus Macaque	<i>Macaca mulatta</i>	5	5	1	11													5	5	1
18	Bengal Tiger	<i>Panthera tigris tigris</i>	1	1	2														1	1	2
19	Gharial	<i>Gavialis gangeticus</i>	1	3	4														1	3	4
20	Marsh Crocodile	<i>Crocodylus palustris</i>	1	3	16	20													1	3	16
21	Indian Tent Turtle	<i>Pangshura tecta</i>	1	1	2														1	1	2
22	Indian flapshell turtle	<i>Lissemys punctata</i>			1	1															1
23	Indian Softshell Turtle	<i>Nilssonia gangetica</i>	1	2	3														1	2	3
24	Budgerigar	<i>Melopsittacus undulatus</i>	43	29	204	276													15	43	29
25	Cockatiel	<i>Nymphicus hollandicus</i>	6	7	121	134													8	6	7
26	Umbrella Cockatoo	<i>Cacatua alba</i>	1	1	2														1	1	2
27	Green-cheeked Conure	<i>Pyrrhura molinae hypoxantha</i>	4	4	3	11													4	4	3
28	Patagonian Conure	<i>Cyanoliseus patagonus</i>	2	2	4														2	2	4
29	Jandaya Conure	<i>Aratinga jandaya</i>	1	1	2														1	1	2
30	Pineapple Conure	<i>Pyrrhura molinae molinae</i>	9	8	4	21													9	8	4
31	Sun Conure, Sun Parakeet	<i>Aratinga solstitialis</i>	3	3	3	9													3	3	3
32	Common Crane	<i>Grus grus</i>			1	1															1
33	Ruddy Shelduck	<i>Tadorna ferruginea</i>	1		1	1															1
34	Comb Duck	<i>Sarkidiornis sylvicola</i>	5	3	8																1



# Animal Inventory

35	Great Egret	<i>Ardea alba</i>	1	1	1	1	1	1	1	1	1		
36	Emu	<i>Dromaius novaehollandiae</i>	3	3	6	12				3	6	12	
37	Greylag Goose	<i>Anser anser</i>	1	1	2	2				1	1	2	
38	Grey Heron	<i>Ardea cinerea</i>			1	1					1	1	
39	Black-crowned Night Heron	<i>Nycticorax nycticorax</i>	1			1				1		1	
40	Black-headed Ibis	<i>Threskiornis melanoccephalus</i>	2	2	2	6				2	2	6	
41	Asian Koel	<i>Eudynamys scotopaceus</i>	1	1		2				1	1	2	
42	Black-capped Lory	<i>Lorius lory</i>	1			1				1		1	
43	Dusky Lory	<i>Pseudeos fuscata</i>	1	1		1					1	1	
44	Red Lory	<i>Eos bornea</i>	1	1		2				1	1	2	
45	Rainbow Lorikeet	<i>Trichoglossus moluccanus</i>	2	1	1	4				2	1	4	
46	Peach-faced Lovebird	<i>Agapornis roseicollis</i>	13	13		26				13	13	26	
47	Blue & Gold Macaw	<i>Ara araruma</i>	2	2		4				2	2	4	
48	Green-winged Macaw	<i>Ara chloropterus</i>	1			1				1		1	
49	Grey Parrot	<i>Psittacus erithacus</i>	1			1				1		1	
50	Alexandrine Parakeet	<i>Psittacula eupatria</i>	4	3	16	23				4	3	16	23
51	Blossom-headed Parakeet	<i>Psittacula roseata</i>	4	4	2	10				4	4	2	10
52	Red-breasted Parakeet	<i>Psittacula alexandri</i>	2	1	6	9				2	1	6	9
53	Rose-ringed Parakeet	<i>Psittacula krameri</i>	4	5	7	16				4	5	7	16
54	Jardine's Parrot	<i>Poicephalus gulielmi</i>	1			1				1			1
55	Eclectus Parrot	<i>Eclectus roratus</i>	3	2		5				3	2		5
56	Senegal Parrot	<i>Poicephalus senegalus</i>	1	1		2				1	1		2
57	Great White Pelican	<i>Pelecanus onocrotalus</i>	1	2		3				1	2		3
58	Spot-billed Pelican	<i>Pelecanus philippensis</i>	1	1		2				1	1		2
59	Golden Pheasant	<i>Chrysolophus pictus</i>	4	5		9				4	5		9
60	Lady Amherst's Pheasant	<i>Chrysolophus amherstiae</i>	2	2		4				2	2		4
61	Ring-necked Pheasant	<i>Phasianus colchicus</i>	3	2		5				3	2		5
62	Silver Pheasant	<i>Lophura nycthemera</i>	4	4	1	9				4	4	1	9
63	Blue Crowned-Pigeon	<i>Goura cristata</i>	3	3	2	8				3	3	2	8
64	Eastern Rosella	<i>Platycercus eximius</i>	1	1		2				1	1		2
65	Western Rosella	<i>Platycercus icterotis</i>	1	1		2				1	1		2
66	Black-headed Gull	<i>Chroicocephalus ridibundus</i>	1			1				1			1
67	Brown-headed Gull	<i>Chroicocephalus brunicephalus</i>				1							1
68	Black Swan	<i>Cygnus atratus</i>	1	2		3				1	2		3
69	Lesser Whistling Duck	<i>Dendrocygna javanica</i>			2	2						2	2
70	Green Turaco	<i>Tauraco persa</i>	1	1		2				1	1		2









રાજ્યના ડાકળ જુ કુરટરેએ જુનાં મુલાકાત લીધી : રાજ્યમાં અન્ય શહેરમાં કોરોનાનું અનુકરણ કરે તેવી શક્યતાઓ

## વડોદરાનું પ્રાણી સંગ્રહાલય, પક્ષીઘર આકર્ષણનું કેન્દ્ર બનશે

કેવડિયાના પ્રાણી સંગ્રહાલય કરતાં પણ વધુ આકર્ષક ડિઝાઇન તૈયાર કરાઈ

વડોદરાના પ્રાણી સંગ્રહાલયની નવી ડિઝાઇન તૈયાર કરવામાં આવી છે. આ ડિઝાઇનને આકર્ષક બનાવવા માટે પ્રાણી સંગ્રહાલયના અધિકારીઓએ વિવિધ પ્રકારના પ્રાણીઓના ચિત્રો અને સુવર્ણરંગીન રંગોનો ઉપયોગ કર્યો છે. આ ડિઝાઇનને આકર્ષક બનાવવા માટે પ્રાણી સંગ્રહાલયના અધિકારીઓએ વિવિધ પ્રકારના પ્રાણીઓના ચિત્રો અને સુવર્ણરંગીન રંગોનો ઉપયોગ કર્યો છે.



વડોદરાના પ્રાણી સંગ્રહાલયની નવી ડિઝાઇન તૈયાર કરવામાં આવી છે.



આર્યો પાજરામાં કુમારીના પ્રાણી સંગ્રહાલયની નવી ડિઝાઇન તૈયાર કરવામાં આવી છે.

## ૧૬ ટ્રિબ્યુનરે જનાકશી બાણ નિતિ વસોદરા લવાયા તાત્પ્રુ જુમાં બે બાળ સિંહ 'સમ્રાટ' અને 'સમૃધ્ધિ' આજથી લોકો જોઈ શકશે

વડોદરાના પ્રાણી સંગ્રહાલયમાં ૧૬ ટ્રિબ્યુનરે જનાકશી બાણ નિતિ વસોદરા લવાયા તાત્પ્રુ જુમાં બે બાળ સિંહ 'સમ્રાટ' અને 'સમૃધ્ધિ' આજથી લોકો જોઈ શકશે. આ બે બાળ સિંહોને વડોદરાના પ્રાણી સંગ્રહાલયમાં લાવવામાં આવ્યા છે અને તેમને જુમાં રાખવામાં આવ્યા છે.



આર્યો પાજરામાં કુમારીના પ્રાણી સંગ્રહાલયની નવી ડિઝાઇન તૈયાર કરવામાં આવી છે.

## જુના પાજરામાં PUF પેનલ બેસાડાશે

કુમારીબાગમાં બનાવાયેલી એવીયરીમાં પ્રાણીઓને રાખવામાં આવશે. જેમાં પ્રાણીઓને ગરમીથી રાહત મળે તે માટે પિયુએફ સેન્ડવીચ પેનલ મુકવામાં આવશે. આ કામની દરખાસ્ત સ્થાયી સમિતિમાં મંજૂરી માટે મોકલવામાં આવી છે. શહેરના કુમારીબાગમાં આવેલા પ્રાણી સંગ્રહાલયમાં પ્રાણીઓ માટે પાંચ નવા પિંજરા બનાવવામાં આવ્યા છે. જેના સર્વિસ એરિયામાં પિયુએફ સેન્ડવીચ પેનલ લગાવવામાં આવનાર છે. તદુપરાંત ખુલ્લા ભાગમાં પ્રોટેક્શન માટે જાળી લગાવવાનું પણ નક્કી કરાયું છે.



આર્યો પાજરામાં કુમારીના પ્રાણી સંગ્રહાલયની નવી ડિઝાઇન તૈયાર કરવામાં આવી છે.



આર્યો પાજરામાં કુમારીના પ્રાણી સંગ્રહાલયની નવી ડિઝાઇન તૈયાર કરવામાં આવી છે.

વડોદરાના પ્રાણી સંગ્રહાલયમાં ૧૬ ટ્રિબ્યુનરે જનાકશી બાણ નિતિ વસોદરા લવાયા તાત્પ્રુ જુમાં બે બાળ સિંહ 'સમ્રાટ' અને 'સમૃધ્ધિ' આજથી લોકો જોઈ શકશે. આ બે બાળ સિંહોને વડોદરાના પ્રાણી સંગ્રહાલયમાં લાવવામાં આવ્યા છે અને તેમને જુમાં રાખવામાં આવ્યા છે.



આર્યો પાજરામાં કુમારીના પ્રાણી સંગ્રહાલયની નવી ડિઝાઇન તૈયાર કરવામાં આવી છે.

## Barodians lure their sparrows back with creative abodes

Barodians have lured their sparrows back with creative abodes. The organization has been successful in luring the sparrows back to the city. The organization has been successful in luring the sparrows back to the city. The organization has been successful in luring the sparrows back to the city.



આર્યો પાજરામાં કુમારીના પ્રાણી સંગ્રહાલયની નવી ડિઝાઇન તૈયાર કરવામાં આવી છે.



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