



# Sakkarbaug Zoological Park

ANNUAL REPORT 2024-25

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## **Report of Office In-charge**

Sakkarbaug Zoological Park (SBZP), established in 1863 by the Nawab of Junagadh, is one of the oldest zoological parks in India and is categorized as a large zoo under the Recognition of Zoo Rules, 2009. Spread over approximately 84 hectares at the foothills of Mount Girnar, the zoo houses a diverse collection of wild animals representing numerous species of mammals, birds, and reptiles. The zoo plays an important role in supporting conservation efforts in Gujarat and contributes to national biodiversity preservation through animal exhibition, education, research, and recreation.

The vision of SBZP is to strengthen ex-situ conservation of endangered species and to create awareness among the public regarding wildlife and environmental protection. The zoo has been a key source of genetically pure Asiatic lions, having supplied more than 250 lions to various zoos in India and abroad over the past five decades. Its mission emphasizes high standards of animal care, veterinary services, and conservation breeding, while also functioning as a referral centre for wildlife rescue and treatment. Awareness programmes and events such as World Environment Day, Wildlife Week, and World Lion Day are regularly organized to enhance public participation and understanding.

During the reporting period, the zoo strengthened its infrastructure by adding facilities such as an incinerator house, quarantine section, and additional enclosures for species like vultures and wolves, which are expected to further improve animal welfare and breeding success. The zoo administration expresses sincere gratitude to Dr. Ram Ratan Nala for guidance and support, and also acknowledges the dedicated efforts of all staff members and zoo personnel for their valuable contributions.

**Director,  
Sakkarbaug Zoological Park,  
Junagadh.**

## **History of the Zoo**

The zoo was established in 1863, by the then Nawab of Junagadh, Mohabatkhanji Babi- II. The place of the zoo was named as Sakkarbaug, because it was a private garden of the Nawab, having a step well with sweet potable water. Initially, the zoo had a personal collection of animals of Nawab, which included Asiatic Lions, African Lions, Tigers, Cheetahs, Leopards, Ratel, etc. These animals were taken out as a procession in the town of Junagadh on some auspicious days like Eid for the purpose of display. Later on it was managed by Education department of the state Government before taking over by the State Forest Department in 1960. Earlier, the area of the zoo was only 6 ha. Later on, 78 ha. of land of Reserve Forest, undermining lease was handed over to the zoo following strong protest by the local NGOs coordinated by the then Zoo Officer, Late Shri P.P.Rawal. Another 2 ha. land was allotted from the adjoining Fruit Trees Research Centre of Junagadh Agriculture University. It is one of the oldest and largest zoos of India. It is one of the oldest and largest zoos of India

### **Vision**

To complement ex-situ conservation of endangered wild animals and to contribute to raise awareness in masses to strengthen conservation of wild life in particular and bio diversity as well environment in general.

### **Mission**

To provide better up keep and better veterinary care to the animals and to create a centre of excellence for the visitors by providing an opportunity of better understanding of the animal world with education and recreation.

### **Objectives**

The National Zoo Policy states:

“THE MAIN OBJECTIVE OF THE ZOO SHALL BE TO COMPLEMENT AND STRENGTHEN THE NATIONAL EFFORTS IN CONSERVATION AND STRENGTHEN THE NATIONAL EFFORTS IN CONSERVATION OF THE RICH BIODIVERSITY OF THE COUNTRY, PARTICULARLY THE FAUNA.”

**Thus have following objectives:**

- Conservation: To conserve and preserve wild fauna by improving and enhancing the Captive Breeding Programme of selected endangered species.
- Education: To educate and aware the visitors about importance of biodiversity and its conservation and to raise awareness about protecting the environment.
- Research and Training: To facilitate research and training in the field of conservation of wildlife, its captive management and veterinary care of wild animals.
- Recreation: To entertain the visitors with the rich collection of flora and fauna and other amenities.

## About Us

Sr.No.	Particulars	Information
1	Name of the Zoo :	SAKKARBAUG ZOOLOGICAL PARK
2	Year of Establishment :	1863
3	Address of the Zoo :	RAJKOT HIGHWAY, OUTSIDE MAJEVADI GATE, JUNAGADH-362001 (GUJARAT)
4	State :	GUJARAT
5	Telephone Number :	0285-2660235
6	Fax Number :	0285-2660236
7	E-mail address :	<a href="mailto:directorsbz@rediffmail.com">directorsbz@rediffmail.com</a> <a href="mailto:directorsbz@gmail.com">directorsbz@gmail.com</a>
8	Website :	--
9	Distance from nearest :	Airport: Rajkot - 110 km Railway Station: 3 km Bus Stand: 5 km
10	Recognition Valid upto (Date) :	
11	Category of zoo :	Large Zoo
12	Area (in Hectares) :	84 Ha.
13	Number of Visitors (Financial Year) :	Total Visitors : 1024567
14	Visitors' Facilities Available in Zoo :	Drinking Water, Rest Huts, Toilets, Canteen, Souvenir Shop, Wheel Chair, Pram, Clock Room, Garden.
15	Weekly Closure Day of the Zoo :	Wednesday

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**Management Personnel of the zoo**

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<b>Name with designation of the Officer in-charge :</b>	<b>Shree Akshay Joshi</b> Director, Sakkarbaug Zoological Park, Junagadh
<b>Name of the Veterinary Officer :</b>	<b>Dr.R.F. Kadivar</b> Veterinary Officer, Sakkarbaug Zoological Park, Junagadh
<b>Name of the Curator :</b>	<b>Shri Nirav Kumar Makvana</b> Assistant Director & Curator, Sakkarbaug Zoological Park, Junagadh
<b>Name of the Biologist :</b>	<b>Mahek Raval and Ravikumar Patel</b> Biologist, Sakkarbaug Zoological Park, Junagadh.
<b>Name of the Education Officer:</b>	<b>Agnikumar Vyas</b> Education Officer, Sakkarbaug Zoological Park, Junagadh.

<b>Owner / Operator of the Zoo</b>
Additional Chief Secretary. Forests & Environment, Gujarat. Contact Details/Phone number of operator: Forests & Environment Department, Block 14, 8 <sup>th</sup> floor, Gandhinagar 079-23251051/23251053 e-mail : <a href="mailto:ds-f-fed@gujarat.gov.in">ds-f-fed@gujarat.gov.in</a>

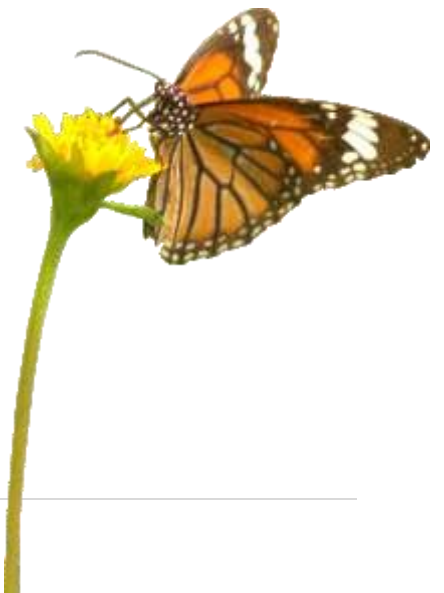
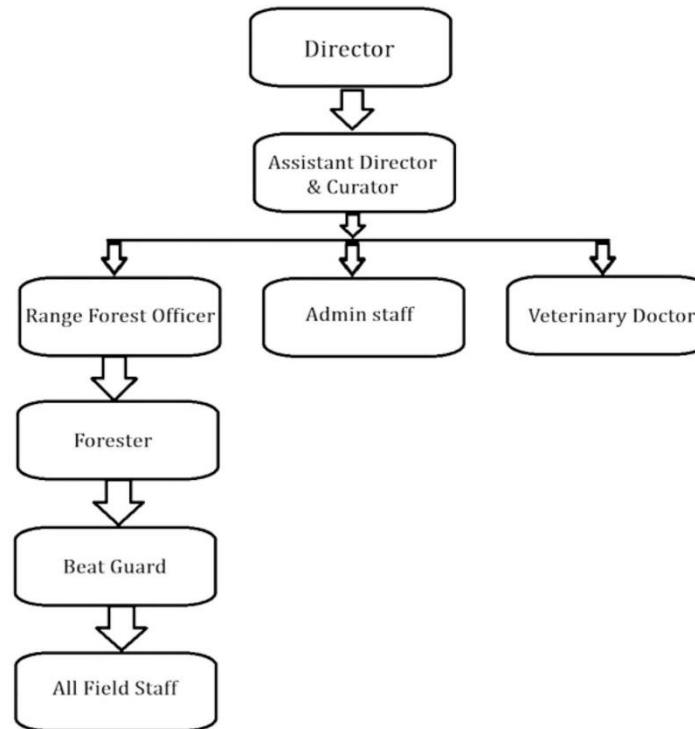
\* Rule 2(m) of the Recognition of Zoo Rules, 2009.

“Zoo Operator” means the person who has ultimate control over the affairs of the zoos provided that \_\_\_\_\_

- I.** In the case of a firm or other association of individuals, any one of the individual partners or members thereof; or
- II.** In the case of a company, any director, manager, secretary or other officer, who is in-charge of and responsible to the company for the affairs of the zoo; or

**III.** In case of zoo owned or controlled by the Central Government or any State Government or Union Territory Administration or any Trust or Society funded by the Central Government or a State Government or a Union Territory Administration, the Secretary of the concerned Department of that Government, or as the case may be the Union Territory Administration, shall be deemed to be the Z

## Organizational chart



## Human Resources

### Manpower of the Zoo

Sr. No.	Post	Sanction Post	Filled Post	Vacant Post
1	Director	1	1	0
2	Assistant Director & Curator	1	1	0
3	Veterinary Officer	2	1	1
4	Range Forest Officer	1	1	0
5	Forester	2	2	0
6	Accountant Group-1	1	1	0
7	Accountant	1	1	0
8	Storekeeper cum Supervisor	1	0	1
9	Clerk	3	1	2
10	Bagvan cum Mechanic	1	0	1
11	Driver	1	0	1
12	Forest Guard	5	5	0
13	Zoo Nayak	1	1	0
14	Peon	1	0	1
15	Gardner	1	0	1
16	Watchman	16	3	13
17	Sweeper	4	0	4

#### SBZP Society staff

Sr.No.	Post	Sanction Post	Filled Post	Vacant Post
1	Veterinary officer	3	3	0
2	Zoo Biologist	2	2	0

3	<b>Stock man / Compounder</b>	<b>6</b>	<b>6</b>	<b>0</b>
4	<b>lab technician</b>	<b>2</b>	<b>2</b>	<b>0</b>
5	<b>Store keeper</b>	<b>1</b>	<b>1</b>	<b>0</b>
6	<b>Education Officer</b>	<b>1</b>	<b>1</b>	<b>0</b>
7	<b>Data entry operator</b>	<b>8</b>	<b>6</b>	<b>2</b>
8	<b>Office Assistant (Chairman office/M.Sec. Office)</b>	<b>2</b>	<b>2</b>	<b>0</b>
9	<b>Zoo Security supervisor</b>	<b>2</b>	<b>2</b>	<b>0</b>
10	<b>Driver</b>	<b>10</b>	<b>8</b>	<b>2</b>
11	<b>Zoo Security asst.</b>	<b>30</b>	<b>14</b>	<b>16</b>
12	<b>Zoo Field worker</b>	<b>65</b>	<b>40</b>	<b>25</b>
13	<b>Account asst.</b>	<b>1</b>	<b>1</b>	<b>0</b>
14	<b>Gun man ( Zoo Security armed guard )</b>	<b>3</b>	<b>3</b>	<b>0</b>

### Training program

Sr.No.	Name and designation of the zoo personnel	Subject matter of Training	Period of Training	Name of the Institution where the Training attended
1	Veterinary internship	Training	15 days	Junagadh veterinary collage.

### Zoo Advisory committee (Proposed)

- a. **Date of constitution : 01-04-2018**
- b. **Member :**
- (1) Chief Conservator of Forests, Wildlife Circle, Junagadh – **Chairman**
  - (2) Director, Sakkarbaug Zoological Park, Junagadh – **Member Secretary**
  - (3) Dy. Conservator of Forests, Gir (West), Junagadh – **Member**
  - (4) Dy. Conservator of Forests, SasanGir– **Member**
  - (5) Dy. Conservator of Forests, Morbi – **Member**
  - (6) **Assistant Director & Curator, SBZP, Junagadh – Member**
- c. **Dates on which meeting held during the year : yearly**

### Health Advisory Committee (Proposed)

- a. **Date of constitution: 01-04-2018**
- b. **Member:**
- (1) **Director, Sakkarbaug Zoological Park, Junagadh – Chairman**

**(2) Veterinary Officer, SBZP, Junagadh – Member Secretary**

**(3) Assistant Director & Curator, SBZP, Junagadh – Member**

**(4) Dean, Veterinary Collage, JAU, Junagadh – Member**

**(5) Dy. Director, Animal Husbandry, Junagadh – Member**

**(6) Professor & Head, Dept. of Veterinary Pathology, Microbiology & Medicine, JAU, Junagadh – Member**

**Dates on which meeting held during the year : Quarterly**

**Statement of income and expenditure of the Zoo**

<b>Sr. No.</b>	<b>TOTAL INCOME</b>		<b>EXPENDITURE</b>	
	<b>STATE</b>	<b>SBZMAS</b>	<b>STATE</b>	<b>SBZMAS</b>
<b>1</b>	<b>12,88,55,615</b>	<b>3,29,41,107/73</b>	<b>12,88,55,354</b>	<b>3,85,01,453/02</b>

### Daily feed Schedule of animals:

Sr. No.	Feed	Quantity per day	Cost in Rupees
1	Mixed Vegetables	90	3330
2	Fruits	97	3934
3	Bread	4	100
4	Pulses & Cereals	110.5	4,940
5	Eggs	75	375
6	Meat (Carabeef, Veal, Fish, Chicken)	667	85,834
7	Green fodder (Lucerne + Maize)	1850	8593
8	Amul Nutrich feed pellets	75	1875
9	Milk	32	704

### Species wise feed schedule of animal in the zoo.

Sr. No.	Birds	Details of Diet/ animal	Daily/Weekly
1	Peafowl	Mixed Fruits 60 gm, Palak or green leaves. 50 gms, Jawar and Bajara 100 gms, Poultry feed 200 gms, Minced meat 30 gms, Bread 25 gms	Daily/Weekly
2	Spoonbill White	<i>Fish 100 gm</i>	Daily
3	Peafowl (White)	<i>Mixed Fruits 60 gm, Palak or green leaves. 50 gmsJawar and Bajara 100 gms, Poultry feed 200 gms Minced meat 30 gms, Bread 25 gms</i>	Daily

4	White rumped vulture	<i>Calf Meat 1.5 kg</i>	Alternate day
5	Indian vulture	<i>Calf Meat 1.5 kg</i>	Alternate day
6	Eurasian griffon	<i>Calf Meat 1.5 kg</i>	Alternate day
7	Himaliyan griffon	<i>Calf Meat 1.5 kg</i>	Alternate day
8	King Vulture	<i>Calf Meat 1.5 kg</i>	Alternate day
9	Kalij pheasant	<i>Poultry feed 25 gms, Jawar 30-40 gms, Bajara 20-30 gms, Maize + gram 30 gms, Green leaves (Palak + Coriander) 20-40 gms, Gralic 5 gms, Bread 10 gms, Vegetables 75 gms Mixed fruits 25 gms</i>	Daily
10	Red Jungle Fowl	<i>Poultry feed 25 gms Jawar 30-40 gms Bajara 20-30 gms Maize + gram 30 gms Green leaves (Palak + Coriander) 20-40 gms Gralic 5 gms Vegetables 50 gms Mixed fruits 25 gms</i>	Daily
11	Shikra	<i>Chicken 150 gms</i>	
12	Budgeriger	<i>(Rala) Kang 10-15 gms Palak Few leaves Bajara, Maize &amp; Pea Mixture 30 gms</i>	Daily

13	Cockatiel	<i>Carrot 10 gm Groundnut 20 gm Maize 20 gm Peas/Mung 30 gm Papaya + Banana 20gm Guava + Apple 30 gm Sun flower seed 25 gm</i>	Daily
14	Crane Demoiselle	<i>Crain mixture. 100-150 gms (Jawar) 40 % (Peddy) Dangar 40 % (Grams) Chana 20 % Fish 100 gms</i>	Daily
15	Common crane		
16	Emu	<i>Palak + Kothmir 300 gms Seasonal Fruits 100 gm Green grams 500 gms Mung 30 gm Juwar 50 gms Emu Feed palates 500 gms</i>	Daily
17	Flamingo (Greater)	<i>Flamingo's mixture (Bajara 70 % Rala(Kang) 20% Zinga powder 10%) 400 gm</i>	Daily
18	Ibis ( Oriental White)	<i>Fish 100 gm</i>	Daily
19	Peach faced Love Birds	<i>(Rala) Kang 10-15 gms Palak Few leaves Bajara, Maize &amp; Pea Mixture 50-60 gms</i>	Daily
20	Fishers love birds		

21	Blossom Headed Parakeet	<i>Papaya 50 gm Chilli 2 gm Carrot 25 gm Guava 50 gm Groundnut 25 gm Maize 25 gm Peas/Mung 50 gm Sunflower seed 20 gm</i>	Daily
22	Parakeet Rose ringed		
23	Pelican Rosy	<i>Fish 400 gm</i>	Daily
24	Pheasant Silver	<i>Poultry feed 25 gmsJawar 30-40 gmsBajara 20-30 gms Maize + gram 30 gms Green leaves (Palak + Coriander) 20-40 gmsGralic 5 gms Bread 10 gms Vegetables 75 gms Mixed fruits 25 gms</i>	Daily
25	Pheasant Golden		
26	Stork Painted	<i>Fish 200 gm</i>	Daily
27	Red breasted parakeet	<i>Papaya 50 gm Chilli 2 gm Carrot 25 gm Guava 50 gm Groundnut 25 gm Maize 25 gm Peas/Mung 50 gm</i>	
28	Barn Owl	<i>Chicken 150 gms</i>	Daily
29	Alexandrine parakeet	<i>Papaya 50 gm Chilli 2 gm Carrot 25 gm Guava 50 gm Groundnut 25 gm Maize 25 gm Peas/Mung 50 gm</i>	Daily
30	Black headed seagull	<i>Fish100 gm</i>	Daily
31	Eagle (Kite)	<i>chicken 100 gms</i>	Daily
32	Ring necked pheasant	<i>Poultry feed 25 gmsJawar 30-40 gmsBajara 20-30 gms Maize + gram 30 gms Green leaves (Palak + Coriander) 20-40 gmsGralic 5 gms Bread 10 gms Vegetables 75 gms Mixed fruits 25 gms</i>	Daily
33	Marsh Harrier	<i>Chicken 100 gms</i>	Daily
34	Brahminy kite	<i>Chicken100 gm</i>	Daily
35	Red Munia	<i>Munias mixture. 10-15 gms (Ragee) 33 % (Rala) 33 % (Bajara ) 34 % Green leaves (Palak) 10 Gms</i>	Daily
36	Dusky Lory	<i>Mix grains 20 gm mix fruits 15 gm Mix vegetable 15 gms</i>	Daily
37	White Cockatoo	<i>Carrot 50 gm Groundnut 50 gm Maize 50 gm Peas/Mung 100 gm Chili 5 gm Papaya + Banana 100 gm Guava + Apple 100 gm Sun flower seed 25 gm</i>	Daily

38	Lady Amherst's Pheasant	<i>Poultry feed 25 gms Wheat 30-40 gms Jawar 30-40 gms Bajara 20-30 gms Maize + gram 30 gms Green leaves (Palak + Coriander) 20-40 gms Gralic 5 gms Bread 10 gms Vegetables 75 gms Mixed fruits 25 gms</i>	Daily
39	African Grey Parrot	<i>Mixed Fruits 60 gm Palak or green leaves. 50 gms Jawar, Maize, Bajara 100 gms Bread 25 gms</i>	Daily
40	Indian pied hornbil	<i>Papaya 50 gms Apple 50 gms</i>	Daily
41	Zebra Finch	<i>(Rala) Kang 10-15 gms Palak Few leaves Bajara, Maize &amp; Pea Mixture 50-60 gms</i>	Daily
42	Green pheasant	<i>Poultry feed 25 gms Jawar 30-40 gms Bajara 20-30 gms Maize + gram 30 gms Green leaves (Palak + Coriander) 20-40 gms Gralic 5 gms Bread 10 gms Vegetables 75 gms Mixed fruits 25 gms</i>	Daily
43	Ostrich	<i>Ostrich mash feed 3 kg Soaked Bengal gram 500 gms Cabbage 200 gms Palak (Spinuch) + Kothmir (Coriander 400 gms Carrots 300 gms Watermelon/Kharek 400 gms.</i>	Daily
44	Blue and yellow Macaw	<i>Carrot 50 gm Groundnut 50 gm Maize 50 gm Peas/Mung 100 gm Chili 5 gm Papaya + Banana 100 gm Guava + Apple 100 gm Sun flower seed 25 gm</i>	Daily
45	Sun Conure	<i>Mixed grains 10 gms Mixed fruits 10 gms</i>	Daily
46	Spot billed duck	<i>Duck mixture Bajara 35% Juvar 5% Fishmeal 8 % Mineral mixture 3 % Pedy 10 % Sun flower 4 % 100-200 gm</i>	Daily
47	Ibis ( Black)	<i>Fish 100 gm</i>	Daily
48	Rudy shelduck	<i>Duck mixture Bajara 35% Juvar 5% Maize 30 % Fishmeal 8 % Mineral mixture 3 % Pedy 10 % Sun flower 4 % 100-200 gm</i>	Daily
49	Bonelli's eagle	<i>Chicken 300 gm</i>	Daily
50	Steppe Eagle	<i>chicken 500 gm</i>	Daily

Sr. No.	Birds	Details of Diet/ animal	Daily/Weekly
51	Sarus Crane	<i>Crain mixture. 100-150 gms (Jawar) 40 % (Peddy) Dangar 40 % (Grams) Chana 20 % Fish 200 gms</i>	Daily
52	Black Swan	<i>Vegetable 300 gm Soya 5 gm Lucern 150 gm Mixed grains 200 gm Poultry 100 gm</i>	Daily
53	Eclectus Parakeet	<i>Peanut 20 gm Mixed fruits 50 gm sunflower seed 50 gm</i>	Daily
54	Sulphar crested cockatoo	<i>Peanut 20 gm Mixed fruits 50 gm sunflower seed 50 gm</i>	Daily
55	Amazon parrot	<i>Peanut 20 gm Mixed fruits 50 gm sunflower seed 50 gm</i>	Daily
56	Rainbow lorikeet	<i>Peanut 20 gm Mixed fruits 35 gm sunflower seed 30 gm</i>	Daily

Sr. No.	Mammals	Details of Diet/ animal	Daily / Weekly
1	Four horned antelope	<i>Green maize/juwar 3 kg Green Lucern 1.5 kg Concentrate palletes 200 gm Soaked grams 200 gm</i>	Daily
2	Indian Wolf	<i>Buffalo Meat 1 kg Chicken 1 kg Canine Buiscite 100 gm</i>	Daily
3	Bear Sloth	<i>Bread 1.5 to 2.0 kg Milk 500 ml Banana 1 piece Potato 1 kg Carrot 250 gm Guava 1 kg Honey 100 ml</i>	Daily
4	Black buck	<i>Green maize/juwar 4 kg Green Lucern 2 kg Concentrate palletes 200 gm Soaked grams 200 gm</i>	Daily
5	Black buck (White )		Daily
6	Chinkara	<i>Green maize/juwar 3 kg Green Lucern 1.5 kg Concentrate palletes 200 gm Soaked grams 200 gm</i>	Daily
7	Wild Ass	<i>Green maize/juwar 16kg Green Lucern 8 kg Concentrate palletes 500 gm Soaked grams 800 gm</i>	Daily
8	Jackal	<i>Buffalo Meat 1 kg</i>	Daily
9	Swamp deer	<i>Green Fodder (Maize/Juvar + Lucerne) 15 kg Dry fodder ( G,nut hay) 3 kg Chana 500 gm Concentrate Palletes 500 gms</i>	Daily
10	Leopard	<i>Buffalo meat 3 kg</i>	Daily
11	Indian Lion	<i>Buffalo meat 6-10 kg, Lion cub below 6 months: calf meat 1-2 kg</i>	Daily

12	Macaque Bonnet	<i>Banana Two pieces Tomato 25 gm Onion 25 gm Green leaves (palak + coriander) 50 gm Potato 0 gm Carrots `100 gm Guava /Apple/cheeku 150 gm bread 100 gm Chana 50 gm</i>	Daily
13	Resus Monkey		

Sr. No.	Mammals	Details of Diet/ animal	Daily / Weekly
14	Tiger Bengal	<i>Buffalo meat 6-10 kg</i>	Daily
15	Tiger ( White )		
16	Thamin deer	<i>Green Fodder (Maize/Juvar + Lucerne) 10 kg Chana 300 gm Concentrate Palletes 300 gms</i>	Daily
17	African Cheetah	<i>Chicken 2 kg</i>	Daily
18	Indian bison	<i>Green Maize 45 kg Green Lucern 20 kg Dry G.Nut hay 3 kg Concentrate Palletes 2.5 kg</i>	Daily
19	Malabar giant squirrel	<i>Mixed fruit 50 gm Mixed vegetable 50 gm Bread 1 slice</i>	Daily
20	Nilgiri langur	<i>Banana Two pieces Tomato 25 gm Onion 25 gm Green leaves (palak + coriander) 50 gm Potato 100 gm Carrots `100 gm Guava /Apple/cheeku 150 gm bread 100 gm Chana 50 gm Boiled egg 2 Gound nut 25 gm Boiled rice 30 gm</i>	Daily
21	Indian palm civet cat	<i>Beef with bone 300 gms Banana 2 nos. Milk 50 ml Bread slice 2 nos.</i>	Daily
22	Small Indian Civet		Daily
23	Jungle Cat	<i>Chicken 500 gm</i>	Daily
24	Mouse Deer	<i>Green leave 50 gm Horse gram 50 gm Mixed Vegetable 50 gm Mixed fruit 50 gm</i>	Daily
25	Red Necked Wallaby	<i>Dried lucern 200 gms, carrot 50 gm, corn 50 gm, Palak / Kothmir 100 gm, Beet root 50 g, Apple 50 gm concentrate palletes 100 gm fresh grass ad. Lib.</i>	Daily
26	African Caracal	<i>Chicken 800 gm Buffalo meat 800 gm</i>	Daily
27	Deer Barking	<i>Green maize/juvar 3 kg Green Lucern 1.5 kg Concentrate palletes 200gm Soaked grams 200 gm</i>	Daily
28	Deer Hog	<i>Green maize/juvar 4kg Green Lucern 1.5 kg Concentrate palletes 200 gm Soaked grams 200 gm</i>	Daily
29	Deer Sambar *	<i>Green Fodder (Maize/Juvar + Lucerne) 15 kg Dry fodder ( G,nut hay) 3 kg Chana 500 gm Concentrate Palletes 500 gms</i>	Daily

30	Deer Spotted	<i>Green maize/juwar 5 kg Green Lucern 1.5 kg Concentrate palletes 200 gm Soaked grams 200gm</i>	Daily
31	Hyena Striped	<i>Buffalo meat 2.5 kg</i>	Daily
33	Porcupine (Indian )	<i>Potato 150 gms Cabbage 200 gm Carrot 100 gm Bringle 200 gm Dudhi 200 gm Cucumber 150 gm</i>	Daily
34	Porcupine (White )		
35	Hippopotamus	<i>Green Maize 60 kg Green Lucern 40 kg Concentrate Palletes 3.5 kg Potato 4 kg Carrot 6 kg Banana 5 kg 60 kg</i>	Daily

<b>Sr. No.</b>	<b>Mammals</b>	<b>Details of Diet/ animal</b>	<b>Daily / Weekly</b>
36	Common Marmoset	<i>Bread 30 gms Seasonal fruits 25 gms Bengal gram 5 gms Apple 25 gms Banana 20 gms Grapes 10 gms Orange 20 gms Green gram 5 gms Papaya 5 gms Eggs 20 gms Nestum rice 5 gms</i>	Daily
37	Goral	<i>Green maize/juwar 3 kg Green Lucern 1.5 kg Concentrate palletes 200 gm Soaked grams 200 gm</i>	Daily

<b>Sr. No.</b>	<b>Reptiles / Others</b>	<b>Details of Diet/ animal</b>	<b>Daily / Weekly</b>
1	King Cobra	<i>Rat snake 1</i>	Weekly
2	Cobra Indian	<i>Rat / frog</i>	Weekly
3	Common Krait	<i>Small snake</i>	Weekly
4	Crocodile (Gharial)	<i>Fish 3 kg</i>	Weekly
5	Crocodile (Marsh)	<i>Buffalo Meat 3 kg</i>	Weekly
6	Indian Python	<i>Rabbit / Chicken live 1</i>	Weekly
7	Snake keelback Striped	<i>Mice / Lizzard 1</i>	Weekly
8	Viper Russel's	<i>Rat / Frog</i>	Weekly
9	Snake Rat (Dhaman)	<i>Rat / Frog</i>	Weekly
10	Common sand boa	<i>Rat / Frog</i>	Weekly

11	Red sand boa	<i>Rat / Frog</i>	Weekly
12	Tortoise indian star	<i>Mix vegetable 200 gm</i>	Weekly
13	Black turtle	<i>Turtle food 100 gm</i>	Weekly
14	Red eared terrapin	<i>Turtle food 100 gm</i>	Weekly
15	Common wolf snake	<i>Mice / Lizzard 1</i>	Weekly
16	Green vine snake	<i>Mice / Lizzard 1</i>	Weekly
17	Banded racer	<i>Mice / Lizzard 1</i>	Weekly
18	Common trinket snake	<i>Mice</i>	Weekly

### Vaccination Schedule of animals

Sr.No.	Species	Disease vaccinated for	Name of the Vaccine and dosage/ quantity used	Periodicity	Remarks
1	All Feline	Feline Panleukopenia, Feline Calcivirus, Feline Rehinotrachitis Rabies	Biofel- PCHR (1ml/Animal S/C)	Annual	
2	All Feline & Canine	Canine Distemper	Purevax- Ferret Distemper (Recombinant Vaccine) 1ml/Animal S/C	Annual	
3	All Canines	Canine Distemper Virus, Canine Adeno Virus,	Nobivacshappi, NobivacLepto, Nobivac R	Annual	

		Canine Parvo Virus, Parainfluenza Rabies Leptospirosis			
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### De-worming Schedule of animals

Sl.No.	Species	Drug used	Month
1	All Carnivores	<ul style="list-style-type: none"> <li>- Fenbadazole</li> <li>- Albendazole</li> <li>- Praziquantel, Pyrental</li> <li>- Ivermectin</li> </ul>	very 3 month Interval
2	All Herbivores/ Birds/ Reptile	- Fenbadazole (Susp. Pnacur)	Every 6 month Interval



### Disinfection Schedule

Sr.No.	Species	Type of enclosure	Disinfectant used and method	Frequency of disinfection
1	All Carnivores/ Birds/ Herbivores/ Reptiles	- Night Shelter - Open Enclosure - Visitors area	- Chemical (Kohrsolin-TH) - Burning Method - Sodium Hypo chloride	Once in a week (Every Wednesday)

### Health Check-up of employees for zoonotic diseases

All personnel of Sakkarbaug Zoological Park were screened for various zoonotic diseases during March 2024 for the year 2024–25, and all staff were found negative. During the same health check-up, all zoo personnel were also administered anti-rabies vaccination as a preventive measure.

## Education and Awareness programmes during the year

Camp	Student	Teachers	Resource Person
58	2,900	232	9

## Important Events and happenings

Important events like celebration of Forestry day, World Environment day, Lion day and wildlife week Celebration etc. were celebrated during the year. Large numbers of students and citizen's were part of these celebration. Important happening involves the birth of wolves, Indian Gaur, Asiatic Lion, Stripped hyena, Indian wild dog, Spotted deer and sambar during the year.



## Seasonal special arrangements for upkeep of animals

As per the season the diet chart of animals get modified by the veterinary officer. Along with the diet the cage get some modifications like shade and cooling effect during the summer season and heating effect by using heat generating instruments during the winter season. During very hot periods of April & May ice were added to the water for cooling and Mineral supplements were added to water for avoiding dehydration effect.

## Conservation Breeding Programme of the Zoo

The Central Zoo Authority is coordinating a flagship programme of planned Conservation Breeding. Sakkarbaug Zoological Park has been allotted responsibility by the CZA for 7 conservation breeding programmes. SBZ is a coordinating zoo for Conservation Breeding Programme (CBP) for Asiatic Lion, Indian Wild Ass, Grey Wolf, Four horned Antelope and Asiatic Cheetah. It is a participating zoo for CBP of Chinkara and Vultures. Thus the zoo plays a vital and pivotal role in the conservation breeding of these endemic and endangered animals. There is a dedicated section of conservation breeding facilities.

### - ASIATIC LION

Asiatic Lion Conservation Breeding program has been the most successful programme and we are striving to achieve more precision in our management and healthcare to take it to the next level. The SBZ is also the main source of pure breed Asiatic Lions to the Indian & International Zoos. We have been able to establish links with national and international zoos for information exchange and technology sharing. The state board for Wildlife of Gujarat has approved the proposal for “Long Term Conservation of Asiatic Lion in the year 2006. Among other measures proposed for the conservation of Asiatic Lions, it has been envisaged to establish an ex-situ gene pool population. Accordingly, three gene pool centers are established by Gujarat Forest Department in SBZ, at Rampara Wildlife Sanctuary and Barda Wildlife Sanctuary. Sakkarbaug Zoo is the nodal agency of this project.

#### BIRTH DATA

Year	BIRTH			
	Male	Female	Other	Total
2024-25	0	0	0	0

### - INDIAN WILDASS

The Indian Wild Ass is endemic to the Greater Rann and Little Rann of Kutch. SBZ has the largest captive population of Indian Wild Ass. It is noteworthy that captive Wild Ass is housed in SBZ and Madras Zoo and nowhere else in the world. There is a future plan to strengthen its captive breeding by procuring founder animals.

#### BIRTH DATA

Year	Birth			
	Male	Female	Other	Total
2024-25	0	0	0	0

## **- VULTURE**

The vulture breeding aviary was started in the zoo in April 2009. The vulture Conservation breeding Aviary and Hospital aviary are located far from the display area and is surrounded by vegetation to prevent any kind of disturbance. SBZ has four species of Vultures in captivity under CBP, namely White-backed Vulture, Indian Vulture, Eurasian Griffon Vulture and Red-necked Vulture. We have created all the required facilities at the breeding center such as artificial nesting sites and trees. In a significant development for the conservation of the endangered vulture species, the Sakkarbaug zoo has succeeded in breeding vultures in captivity.

### **BIRTH DATA**

<b>Year</b>	<b>Birth</b>			
	<b>Male</b>	<b>Female</b>	<b>Other</b>	<b>Total</b>
<b>2024-25</b>	<b>0</b>	<b>0</b>	<b>4</b>	<b>4</b>

## **- CHINKARA**

In the Chinakara CBP ideal climate, good housing facilities, expertise have contributed for successful breeding in the beginning. Later on we have maintained the population for several years. We have reached the stage where we can plan for reintroduction of this species in the wild.

### **BIRTH DATA**

<b>Year</b>	<b>Birth</b>			
	<b>Male</b>	<b>Female</b>	<b>Other</b>	<b>Total</b>
<b>2024-25</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**- FOUR HORNED ANTELOPE**

Chausingha have been successfully reared and bred. We need more founder animals with different bloodline hence we need to procure more individuals for the Conservation Breeding Programme.

**BIRTH DATA**

Year	Birth			
	Male	Female	Other	Total
2024-25	0	0	0	0

**- INDIAN GREY WOLF**

In the beginning of this Breeding Programme we did not have sufficient founder population. In the last 2-3 years by the exchange programmes we have raised our founder population from Udaipur Zoo, Jodhpur Zoo, Lucknow Zoo and Jaipur Zoo. We are concentrating on this programme to get more animals with different blood line for the successful breeding of wolf. Now we are making attempts to procure the Indian Grey wolf.

**BIRTH DATA**

Year	Birth			
	Male	Female	Other	Total
2024-25	0	0	48	48

# Annual Inventory

FORM-II  
[See rule 11 (1)]  
PART - A

**Sakkarbaug Zoo, Junagarh, Gujarat**  
**Proforma for Annual Inventory Report**  
Inventory Report for the Year : 2024-25

**Endangered Species\***

**# - Modified Closing Balance**

S.No.	Animal Name	Scientific Name	Opening Stock (1-April 2024)				Births			Acquisitions			Disposals			Deaths			Closing Stock (31-Mar-2025)				
			M	F	U	T	M	F	U	M	F	U	M	F	U	M	F	U	M	F	U	T	
<b>Aves</b>																							
1.	Oriental Pied Hornbill	<i>Anthracoceros albirostris</i>	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
2.	Steppe Eagle	<i>Aquila</i>	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
3.	White-rumped Vulture	<i>Gyps bengalensis</i>	0	0	42	42	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	46	46
4.	Indian Vulture	<i>Gyps indicus</i>	5	2	1	8	0	0	0	0	0	0	0	0	0	0	1	0	5	1	1	7	7
5.	Kalij Pheasant	<i>Lophura leucomelanos</i>	0	1	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	2
6.	Indian Peafowl	<i>Pavo cristatus</i>	1	2	4	7	0	0	0	0	0	0	0	0	0	0	0	0	1	2	4	7	7
7.	Peafowl (leucistic)	<i>Pavo cristatus</i>	2	0	2	4	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2	4	4
8.	Eurasian Spoonbill	<i>Platalea leucorodia</i>	0	0	3	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	3
<b>Total Aves</b>			<b>8</b>	<b>5</b>	<b>55</b>	<b>68</b>	<b>0</b>	<b>0</b>	<b>4</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>8</b>	<b>4</b>	<b>59</b>	<b>71</b>	<b>71</b>	
<b>Mammalia</b>																							
1.	*Blackbuck	<i>Antelope cervicapra</i>	1	0	9	10	0	0	4	0	0	0	1	4	0	1	1	0	-1	-5	13	7	
2.	Blackbuck (leucistic/white)	<i>Antelope cervicapra</i>	0	1	1	2	0	0	2	0	0	0	0	0	0	0	0	0	0	1	3	4	
3.	Indian Bison, Gaur	<i>Bos gaurus</i>	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2	2
4.	Indian Jackal	<i>Canis aureus indicus</i>	1	2	2	5	0	0	0	2	2	0	0	0	0	0	0	3	4	2	9	9	
5.	* Indian Wolf	<i>Canis lupus pallipes</i>	45	30	1	76	0	0	48	0	1	0	14	20	0	3	1	1	28	10	48	86	
6.	Caracal	<i>Caracal caracal</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7.	Asiatic Wild Dog, Dhole, Indian Wild Dog, Red Dog	<i>Cuon alpinus</i>	7	4	1	12	0	0	0	0	0	0	1	1	0	0	1	0	6	2	1	9	
8.	Indian Wild Ass	<i>Equus hemionus khur</i>	2	4	0	6	0	0	0	0	0	0	0	0	0	0	0	0	2	4	0	6	
9.	Jungle Cat	<i>Felis chaus</i>	1	0	0	1	0	0	0	1	1	0	0	0	0	0	0	0	2	1	0	3	
10.	Chinkara	<i>Gazella bennettii</i>	0	2	2	4	0	0	0	0	2	0	0	0	0	0	2	1	0	-2	3	2	3
11.	Indian Hog Deer	<i>Hyelaphus porcinus</i>	2	2	1	5	0	0	0	0	0	0	0	0	0	1	0	0	1	2	1	4	
12.	*Rhesus Macaque	<i>Macaca mulatta</i>	2	2	1	5	0	0	0	0	0	0	0	0	0	0	0	2	2	1	5	5	
13.	Sloth Bear	<i>Melursus ursinus</i>	2	1	0	3	0	0	0	0	0	0	0	0	0	0	0	2	1	0	3	3	
14.	Indian Chevrotain, Mouse Deer	<i>Moschiola indica</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15.	Asiatic Lion	<i>Panthera leo persica</i>	28	24	7	59	0	0	0	2	2	0	4	4	0	8	4	0	18	18	7	43	
16.	* Leopard	<i>Panthera pardus</i>	4	1	0	5	0	0	0	6	8	0	0	0	0	2	1	0	8	8	0	16	
17.	Tiger (leucistic/White)	<i>Panthera tigris</i>	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	1	1	0	2	
18.	Bengal Tiger	<i>Panthera tigris tigris</i>	1	2	4	7	0	0	0	1	1	0	0	0	0	0	0	2	3	4	9	9	
19.	Asian Palm Civet	<i>Paradoxurus hermaphroditus</i>	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1	
20.	Leopard Cat	<i>Prionailurus bengalensis</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21.	Malabar Giant Squirrel (Indian Giant Squirrel)	<i>Ratufa indica</i>	1	1	0	2	0	0	0	0	0	0	0	0	0	0	0	1	1	0	2	2	
22.	*Barasingha (Swamp Deer)	<i>Rucervus duvaucelii</i>	1	6	13	20	0	0	4	0	0	0	0	0	0	1	0	0	6	17	23	23	
23.	Eld's Deer (Brown-antlered Deer)	<i>Rucervus eldii</i>	1	1	9	11	0	0	2	0	0	0	0	0	0	1	0	1	0	11	12	12	
24.	*Four-horned Antelope	<i>Tetracerus quadricornis</i>	2	0	1	3	0	0	0	0	0	0	0	0	0	0	0	2	0	1	3	3	
25.	Himalayan Black Bear	<i>Ursus thibetanus ussuricus</i>	2	2	0	4	0	0	0	0	0	0	0	0	0	0	0	2	2	0	4	4	
26.	Small Indian Civet	<i>Viverricula indica</i>	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1	
27.	Desert Fox	<i>Vulpes vulpes pusilla</i>	2	2	1	5	0	0	0	2	2	0	0	0	0	1	0	0	3	4	1	8	
<b>Total Mammalia</b>			<b>27</b>	<b>107</b>	<b>89</b>	<b>53</b>	<b>249</b>	<b>0</b>	<b>0</b>	<b>60</b>	<b>15</b>	<b>0</b>	<b>0</b>	<b>20</b>	<b>29</b>	<b>0</b>	<b>19</b>	<b>0</b>	<b>1</b>	<b>83</b>	<b>70</b>	<b>112</b>	<b>265</b>
<b>Reptilia</b>																							
1.	Russell's Viper	<i>Daboia russelii</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2.	Gharial	<i>Gavialis gangeticus</i>	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1
4.	Spectacled Cobra	<i>Naja naja</i>	0	1	2	3	0	0	0	0	0	0	0	0	0	0	0	0	1	2	3	3	
5.	Common Rat Snake	<i>Ptyas mucosa</i>	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1
6.	Indian Rock Python	<i>Python molurus</i>	0	0	3	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	3	3
7.	Bengal Monitor	<i>Varanus bengalensis</i>	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1
8.	Marsh Crocodile	<i>Crocodylus palustris</i>	0	1	1	2	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1	1	1
<b>Total Reptilia</b>			<b>6</b>	<b>0</b>	<b>3</b>	<b>8</b>	<b>11</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>7</b>	<b>9</b>	<b>9</b>
<b>Total</b>			<b>115</b>	<b>97</b>	<b>116</b>	<b>328</b>	<b>0</b>	<b>0</b>	<b>64</b>	<b>15</b>	<b>0</b>	<b>0</b>	<b>20</b>	<b>29</b>	<b>0</b>	<b>19</b>	<b>2</b>	<b>1</b>	<b>91</b>	<b>76</b>	<b>178</b>	<b>345</b>	

\*Animals under Sch-I and Sch-II of Wild Life (Protection) Act, 1972

Other than Endangered Species\*

FORM-II [See rule 11 (1)] PART - A <u>Sakkarbaug Zoo, Junaga rh, Gujarat Proforma fo r Annual In ventory Rep ort</u> Inventory Report for the Year : 2024-25	Animal Name	Scientific Name	Opening Stock (1-April 2024)				Births			Acquisitions			Disposals			Deaths			Closing Stock (31-Mar-2025)						
			M	F	U	T	M	F	U	M	F	U	M	F	U	M	F	U	M	F	U	T			
			Aves																						
1.	Blue-fronted Amazon, Blue-fronted Parrot, Turquoise-fronted amazon, Turquoise-fronted Parrot	<i>Amazona aestiva</i>	0	1	0	1	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	1	2	0	3
2.	Indian Spot- billed Duck	<i>Anas poecilorhyncha</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.	Sarus Crane	<i>Antigone antigone</i>	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
4.	Blue-and-gold Macaw, Blue-and-yellow Macaw	<i>Ara ararauna</i>	1	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	2
5.	Scarlet Macaw	<i>Ara macao</i>	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
6.	Sun Sunure, Sun Parakeet	<i>Aratinga solstitialis</i>	0	0	1	1	0	0	0	1	1	0	0	0	0	1	0	0	0	1	1	0	1	1	2
7.	Umbrella Cockatoo, White Cockatoo	<i>Cacatua alba</i>	0	1	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2
8.	Greater Sulphur- crested Cockatoo, Sulphur- crested Cockatoo	<i>Cacatua galerita</i>	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
9.	Black-headed Gull	<i>Chroicocephalus ridibundus</i>	1	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
10.	Lady Amherst's Pheasant	<i>Chrysolophus amherstiae</i>	-2	-1	11	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-2	-1	11	8
11.	Golden Pheasant	<i>Chrysolophus pictus</i>	1	3	5	9	0	0	0	1	1	0	0	0	0	2	0	0	0	4	5	0	4	5	9
12.	Black Swan	<i>Cygnus atratus</i>	1	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	1	0	2
13.	Emu	<i>Dromaius novaehollandiae</i>	0	0	9	9	0	0	1	0	0	0	0	0	0	1	1	0	-1	-1	10	0	-1	10	8

14.	Eclectus Parrot	<i>Eclectus roratus</i>	2	1	0	3	0	0	0	0	0	0	0	0	0	0	0	0	2	1	0	3	
15.	Red Junglefowl	<i>Gallus gallus</i>	14	14	155	183	0	0	39	2	2	0	49	59	0	0	1	0	-33	-44	194	117	
16.	Blue Crowned- Pigeon, Common Crowned Pigeon, Great Goura, Western crowned pigeon, Western Crowned- Pigeon	<i>Goura cristata</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
17.	Common Crane	<i>Grus grus</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
18.	Demoiselle Crane	<i>Grus virgo</i>	1	1	7	9	0	0	0	0	0	0	0	0	0	0	1	0	1	0	7	8	
19.	Himalayan Vulture	<i>Gyps himalayensis</i>	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	
20.	Brown Fish Owl	<i>Ketupa zeylonensis</i>	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	
21.	Eagle Owl	<i>Bubo bubo</i>	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	
22.	Greater Adjutant Stork	<i>Leptoptilos dubius</i>	1	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	2	
23.	Silver Pheasant	<i>Lophura nycthemera</i>	0	2	1	3	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1	3	
24.	Budgerigar	<i>Melopsittacus undulatus</i>	2	2	10	14	0	0	0	0	0	0	0	0	0	0	0	2	2	10	14		
25.	Painted Stork	<i>Mycteria leucocephala</i>	0	0	10	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	10	
26.	Green Peafowl	<i>Pavo muticus</i>	1	0	5	6	0	0	0	0	0	0	0	0	2	0	0	-1	0	5	4		
27.	Great White Pelican	<i>Pelecanus onocrotalus</i>	1	2	4	7	0	0	0	0	0	0	0	2	0	0	0	1	2	2	5		
28.	Greater Flamingo	<i>Phoenicopte rus roseus</i>	1	0	1	2	0	0	0	0	0	0	0	0	0	0	0	1	0	1	2		
29.	Dusky Lory	<i>Pseudeos fuscata</i>	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1		
30.	Red-naped Ibis	<i>Pseudibis papillosa</i>	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1		
31.	Alexandrine Parakeet	<i>Psittacula eupatria</i>	6	0	10	16	0	0	0	0	0	0	0	0	0	0	0	6	0	10	16		
32.	Rose-ringed Parakeet	<i>Psittacula krameri</i>	3	2	4	9	0	0	0	0	0	0	0	0	0	1	0	3	1	4	8		
33.	Plum- headed Parakeet	<i>Psittacula roseata</i>	2	0	3	5	0	0	0	1	1	0	0	0	0	0	0	3	1	3	7		
34.	Grey Parrot, African	<i>Psittacus erithacus</i>	1	1	0	2	0	0	0	0	0	0	0	0	0	0	0	1	1	0	2		
35.	Ostrich	<i>Struthio camelus</i>	0	1	1	2	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2		
36.	Black-headed Ibis	<i>Threskiornis melanocephal us</i>	0	3	0	3	0	0	0	0	0	0	0	0	0	0	0	0	3	0	3		
37.	Rainbow Lorikeet	<i>Trichoglossus moluccanus</i>	0	0	1	1	0	0	1	1	0	0	0	0	0	0	0	1	1	1	3		
38.	Green-Cheeked Conure	<i>Equus quagga</i>	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	1	1	0	2		
39.	Pineapple Conure	<i>Equus quagga</i>	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	1	1	0	2		
Total Aves			37	37	244	321	0	0	40	9	9	0	49	59	2	7	4	1	-7	-17	281	257	0

<b>Mammalia</b>																						
1.	Chital/ Spotted Deer	<i>Axis axis</i>	6	6	4	16	5	10	2	0	0	0	9	15	0	1	1	0	1	0	6	7
2.	Nilgai	<i>Boselaphus tragocamelus</i>	1	-1	2	2	0	0	0	0	0	0	0	0	0	0	0	0	1	-1	2	2
3.	Common Marmoset	<i>Callithrix jacchus</i>	1	1	2	4	0	0	0	0	0	0	0	0	0	0	0	2	1	1	0	2
4.	Common hippopotamus, Hippopotamus, Large Hippo	<i>Hippopotamus amphibius</i>	2	1	1	4	0	0	0	0	0	0	0	0	0	0	0	0	2	1	1	4
5.	Striped Hyena	<i>Hyaena hyaena</i>	3	1	3	7	0	0	0	1	1	0	1	1	0	1	0	0	2	1	3	6
6.	Indian Crested Porcupine	<i>Hystrix indica</i>	2	2	0	4	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0	4
7.	Bennett's Wallaby	<i>Macropus rufogriseus</i>	0	0	2	2	0	0	0	0	0	0	0	0	0	1	0	0	-1	0	2	1
8.	# Indian Muntjac	<i>Muntiacus muntjak</i>	1	3	14	18	0	0	9	0	0	0	0	0	0	5	1	0	-4	2	23	21
9.	Himalayan Goral	<i>Naemorhedus goral</i>	1	0	1	2	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	1
10.	# Sambar Deer	<i>Rusa unicolor</i>	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
11.	Plains Zebra	<i>Equus quagga</i>	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	1	1	0	2
<b>Total Mammalia</b>	<b>10</b>		<b>18</b>	<b>13</b>	<b>29</b>	<b>60</b>	<b>5</b>	<b>10</b>	<b>11</b>	<b>2</b>	<b>2</b>	<b>0</b>	<b>10</b>	<b>16</b>	<b>0</b>	<b>9</b>	<b>2</b>	<b>2</b>	<b>6</b>	<b>7</b>	<b>38</b>	<b>51</b>
<b>Reptilia</b>																						
1.	Common Krait	<i>Bungarus caeruleus</i>	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
2.	Common Trinket Snake	<i>Coelognathus helena</i>	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2
3.	Indian Star Tortoise	<i>Geochelone elegans</i>	6	4	18	28	0	0	5	0	0	0	0	0	0	5	1	0	1	3	23	27
4.	Common Sand Boa	<i>Gongylophis conicus</i>	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
5.	Red eared slider	<i>Trachemys scripta elegans</i>	0	0	13	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	13	13
6.	Black Turtle		0	0	11	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11	11
<b>Total Reptilia</b>	<b>5</b>		<b>6</b>	<b>4</b>	<b>46</b>	<b>56</b>	<b>0</b>	<b>0</b>	<b>5</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>5</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>3</b>	<b>51</b>	<b>55</b>
<b>Total</b>			<b>64</b>	<b>54</b>	<b>319</b>	<b>437</b>	<b>5</b>	<b>10</b>	<b>56</b>	<b>11</b>	<b>11</b>	<b>0</b>	<b>59</b>	<b>75</b>	<b>2</b>	<b>21</b>	<b>7</b>	<b>3</b>	<b>0</b>	<b>-7</b>	<b>370</b>	<b>363</b>

## Status of the Compliance with conditions stipulated by the Central Zoo Authority

### PART-II

#### Details on compliance of the conditions stipulated by the Central Zoo Authority (as per the earlier letter of grant of recognition issued to the zoo)

Letter No. 1) File No.19-49/92-CZA(67)(Vol.IV)(Pt.) dated 11/01/2021  
2) F. No 19-49/9-CZA(67)(Vol.IV)(AC)/2335/2016 dated 09.08.2016  
3) F. No 19-49/9-CZA(67)(Vol.II) (M) dated 05.01.2005

Sr. No	Norm No. under RZR, 2009	Condition Stipulated	Time Period to Comply	Since when pending	Remarks	
					Status with regard to compliance of the conditions as submitted by the Officer-in-charge of the Zoo	Status with regard to compliance as noted physically by the evaluator during the visit
<b>1. General requirements</b>						
1	10.1(2)	More endemic plants need to be planted specially in newly constructed isolation and quarantine area/ facility	Six months	11/01/2021	Indigenous species are planted and planting of more trees will be taken up during monsoon	
2	10.1 (9)	Love birds and Budgerigars are yet to be removed from the zoo as suggested in earlier evaluation	Immediately	11/01/2021	Done	
<b>2. Administrative and staffing pattern</b>						
	10.2(2)	A Curator with Master's Degree in Wildlife Science / Zoology is yet to be appointed	Six months	11/01/2021	Asst. Conservator of Forests has been holding the post of Curator in Zoo.	
<b>3. Development and Planning</b>						

	10.3(1)	Approval of master plan be pursued with the CZA and Objections, if any, be addressed to get the approval	Three months	11/01/2021 09.08.2016 05.01.2005	& &	The Draft Master Plan has been submitted.	
	10.3 (3)	The small building housing the Zoo Directors Chambers be also camouflaged	Six months	11/01/2021		Done	
<b>4. Animal housing, display of animals and animal enclosures</b>							
	10.4(2)	Proper lighting arrangements be ensured in the snake enclosure for better viewing	Three months	11/01/2021		Done	
	10.4(7)	Appropriate screening in remaining enclosures be provided	Six months	11/01/2021 09.08.2016	&	Done	
	10.4(9)	Plantation of hedge be done in remaining standoff barrier areas specially in Lion enclosure	Six months	11/01/2021 09.08.2016 05.01.2005	& &	Done	
	10.4(10)	Uniformity in dimension and colour pattern in signage be done	Three months	11/01/2021		Done	
	10.4(10)	The interactive interpretation facility should be made operational, and the existing orientation centre needs to be more informative and better maintained	One year	11/01/2021		Done	
<b>5. Upkeep and healthcare of animals</b>							
	01.5 (8)	Deworming and vaccination schedules be properly displayed at the enclosure site	One month	11/01/2021		Done	
<b>9. Acquisition and breeding of animals</b>							
	10.9 (4)	Species namely Eurasian Griffon, Himalayan Griffon, King Vulture, Indian Pied Hornbill, Nilgiri Langur, Jungle cat, Mouse Deer, Indian Ratel, Common Krait, Gharial, Common Crane, Barn owl, Black headed Seagull, Brahminy Kite, Sarus Crane, Sulphur crested Cockatoo, Amazon Parrot, Rainbow Lorikeet, Banded Krait, Dusky Lory, Green Chick Conure and Blue Crowned Pigeon, respectively are housed in the zoo singly. The zoo should acquire mates as per extant norms and animal collection approved in masterplan of the zoo	One year	11/01/2021 09/08/2016		We have plan to restocking some of the animals From Other Zoo. (Nilgiri Langur, Mouse Deer, Brahminy Kite, Eurasian Griffon, King Vulture, Green Chick Conure and Blue Crowned Pigeon are not present in zoo.	

	10.9(9)	Matter should be pursued for vasectomy, tubectomy and implantation of pellets, etc as population control measures in prolific breeding of captive animals in the zoo	Six months	11/01/2021	For population control measure seeking approval has been rejected from MOEF & CC. However segregation of male and female.	
	10.9(10)	In few enclosures, repair of chain link fencing and painting of rusted iron frames is required	Immediately	11/01/2021	Done.	
<b>11. Education and outreach activities</b>						
	10.11(1)	Dedicated website of the zoo be commissioned	Three months	11/01/2021	In progress with GIL as per the norms of Govt. Of Gujarat.	
<b>12. Visitors' facilities</b>						
	10.12(1)	Benches kept for visitors should be repaired	Three months	11/01/2021	New Benches for visitors have been installed.	

### List of free living wild animals within the zoo premises

MAMMALS	REPTILES	
Sambar	Cobra	Geko
Spotted Deer	Krait	Monitor Lizard
Mangoes	R.Viper	Skink
Fruit bat	Common Sand Boa	Chameleon
Squirrel	Rock Python	Crocodile
Hare	Garden Lizard	

BIRDS		
Flame back Woodpecker	Night Heron	Green Bee-eater
Barbet	Panted stork	White Throated Kingfisher
Coucal	Iora	Pied Kingfisher
Rose ring Parakeet	Tickell's blue Flycatcher	Hoopoe
Swift	Indian Robin	Comb Duck
Owlet	Magpie Robin	Indian Peafowl
Paradise fly catcher	Common Myna	Black Winged Stilt
Night jar	Brahminy Starling	Fantail
Mottled wood owl	Black crowned Sparrow Lark	Spot Billed Duck
Pigeon	Purple Sun Bird	Honey Bazzard
Eurasian Collared Dove	Sparrow	Darter
Common Coot	Citrine Wagtail	Cormorant
Francolin	Baya Weaver	Pond Heron
Ibis	Shilver Bill	Kite
Lapwing	Black Drongo	Shikara
	Small Minivet	