

*Kamla Nehru Zoological Garden,
Kankaria, Ahmedabad*

*Annual Report
2023-24*



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1. Report of the Officer-in-charge

As the Zoo Superintendent I, would like to convey a message regarding the Zoo that it is a place where all the people from different age groups can really enjoy the environment that is available in this premises. We can see happiness on their faces and, children are also very happy after seeing different wild animals especially Lions, Tigers, Elephant, Hippopotamus etc. The expressions are like they are seeing their near and dear ones.

Ahmedabad zoo is having very unique Nocturnal house which is having geothermal aeration with rammed earth first time in India. These both technologies are good to control temperature with minimum electricity consumption, maintaining humidity and bacterial loads so animal's resistant power also maintained. This year also a lot of visitors visited this facility and our income also increased.

Species collection for Indian zoos requires smoothness to have new animals for new infrastructure constructed as per the conditions of CZA and also to avoid inbreeding; we can also fulfil our aim of conservation.

From Education and Research aims of the Zoo this year a total of fifteen Students from different universities have completed their dissertation programmes at our Zoo.

Ahmedabad Zoo has celebrated Wildlife Week from 1st to 7th Oct 2023, Animal welfare fortnight 14th to 30th January 2024 and World Wildlife Day on 3rd March 2024 to create awareness about wildlife and animal welfare among the visitors, We are also allowing students entry free during these celebrations. We have also launched a Navigation App for Visitors to easily visit zoo on World Wildlife Day on 3rd March 2024. Under Friends of Zoo Scheme from April 2023 to 31st Mar 2024 we have successfully done adoptions of a total 28 animals with 23 adopters generating an income Rs. 3,63,780/- . Ahmedabad Zoo is the only zoo which has acquired ISO 9001:2015 QMS(Quality Management Systems)certificate on 19th December 2023. We also celebrated the inauguration of PM selfie booth for reducing "e-Waste" which was a PAN-India programme conducted in most Zoos of india by MIS portal through CZA.

Indian zoos need budgets from Authority we hope that CZA has to consider it and provide budgets for new infrastructures as they are suggesting during evaluation. This will help us for fast implementation of conditions raised by evaluator for the recognition of zoo. We have to educate people that zoos are not the five star facility for visitors but they are conservation centre for wildlife.

Regards

**Dr.Sharva Shah
Superintendent of Ahmedabad Zoo**

2. History of the Zoo

Established in 1951, Kamla Nehru Zoological Garden is situated on the outer periphery of Kankaria Lake which at that time was spreaded over 117 acres. A new concept of the modern zoo was launched according to which open-moated enclosures were to be constructed. However, due to the limitations of area and other constraints, Ahmedabad Zoo was unable to meet the requirements for the Modern-Zoo concept.

From 1951 to 1990 Indian zoos were not having any centrally controlled authority, norms, policies. However, the Central Zoo Authority (CZA) was established in 1992 which was followed by the creation of National Zoo Policies in 1998.

In 1990, Dr R.K Sahu joined as the full-time in charge of the Zoo. In 1995, Ahmedabad Zoo constructed its first open-moated tiger enclosure under the guidance of Dr R.K. Sahu who was the Zoo Superintendent at that time. Afterwards, an open-moated lion enclosure (2000), open-moat bear enclosure (2003), Reptile house (2009), Butterfly Park (2012) and the latest innovation Nocturnal Zoo (2017) was established under his guidance.

In 1992 when CZA was constituted and they started evaluating Indian Zoos, the zoos were classified as Large, Medium, Small and Mini Zoos respectively. But due to the effort and implementation of a new concept, Ahmedabad Zoo achieved the large zoo category certification. All surroundings of Kankaria Lake including gardens etc. were merged under the Zoo department for its development. This resulted in an increased area of the zoo from 31 acres to 117 acres in 2012. This resulted in the development of Butterfly Park and Nocturnal Zoo

More than 40 lakhs visitors visiting every year and this number is growing. Within its confines it houses some of the rare species of the mammals, birds and reptiles, What sets it apart from other Zoological gardens is the personal touch by the devoted zoo staff under the able guidance of the Director of Zoo and continued support of the Ahmedabad Municipal Corporation making it a home away from the home for its residents.

The Kamla Nehru Zoological Garden was started with the purpose of Recreation until 1990. After the constitution of Central Zoo Authority in 1992, the main are:

- I. Conservation of endangered species
- II. Education
- III. Research

3. Vision

“The Kamala Nehru Zoological Park, by virtue of its location, will be an urban oasis. The Park will bring into an urban centre, experiences of natural habitat sensitizing the visitors for generating respect for the animals, their environment and their characteristic behaviour. Keeping the welfare of the animals as its primary concern, the park will engage in the promotion of conservation breeding thus complementing a global concerted effort of sustaining the rich biodiversity of the earth.”

4. Mission

Ahmedabad Zoo is one of the old zoo started in 1951, Almost all enclosures are of out-dated design and are not matching the standard of modern concept of Zoo Management, therefore we are changing design of all the enclosures phase wise, as per the guidelines of CZA, National Zoo Policy 1998 and approved Master Plan.

5. Objective

The Kamla Nehru Zoological Garden was started with the purpose of Recreation but now our main aim is conservation of endangered species by breeding them in captivity. We aim to save the endangered species from extinction. Also, we want to conduct Educational Research activities. Involvement of all Universities like CEPT School of Architect, Gujarat University, National Institute of Design (NID) St. Xavier's University, All Veterinary College Universities of Gujarat, Engineering Universities etc.

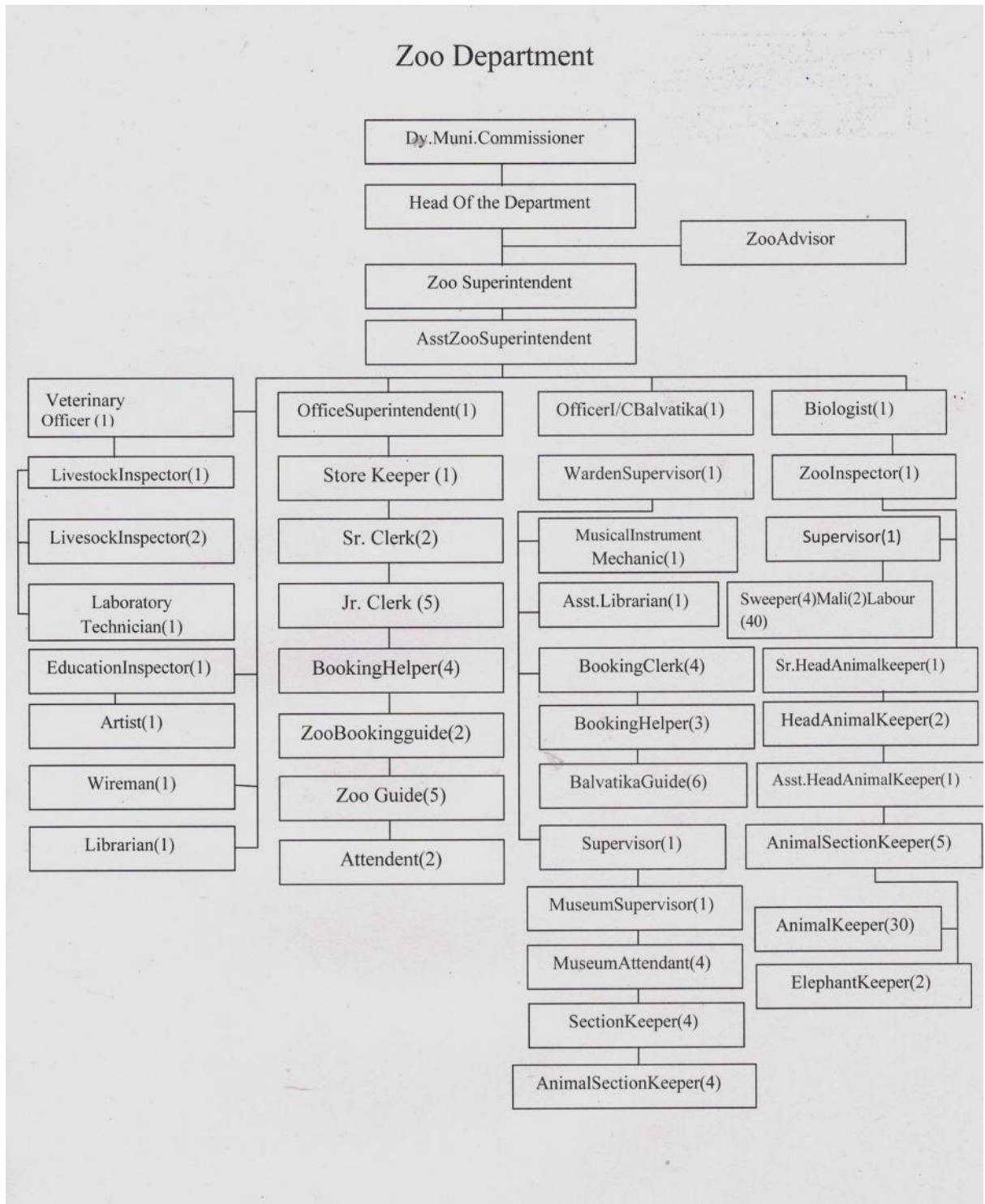
6. About us

S.No.	Particulars	Information
Basic Information about the Zoo		
1	Name of the Zoo	Kamla Nehru Zoological Garden, Ahmedabad (Gujarat)
2	Year of Establishment	1951
3	Address of the Zoo	Kamla Nehru Zoological Garden, Kankaria, Ahmedabad – 380 008, Gujarat
4	State	Gujarat
5	Telephone Number	+91-79-25463415
6	Fax Number	+91-79-25350926
7	E-mail address	kankariazoo@ahmedabadcity.gov.in
8	Website	www.ahmedabadzoo.in
9	Distance from nearest	Airport: 12 Km
		Railway Station: 04 Km
		Bus Stand: 02 Km
10	Recognition Valid up to (Date)	Evaluted on Dt. 19th February 2024.
11	Category of zoo	Large Zoo
12	Area (in Hectares)	117 acres

13	Number of Visitors (Financial Year)	Adult : 24, 41, 833
		Children : 7, 54, 717
		Total Indian : 31, 96, 550
		Total Foreigners :113
		Total Visitors: 31, 96, 663
14	Visitors' Facilities Available in Zoo	Washroom, Drinking water, First aid, Wheel chair, Dome and Resting area, Anti venom serum, Library, Information cum Interpretation Centre.
15	Weekly Closure Day of the Zoo	Monday
Management Personnel of the zoo		
16	Name with designation of the Officer in-charge	Dr. Sharva Shah,
	Name of the Curator / Asst. Zoo Superintendent	Mr. Bharatsinh P. Vihol
	Name of the Veterinary Officers	Dr. D. P. Solanki (On deputation) Dr. Maulik Rajvi (Contract Basis)
	Name of the Education Officer	In Charge
	Name of the Biologist	Ms. Shreya Chavda (Contract Basis)
	Name of the Compounder/ Lab Assistant	Mr. Rakeshkumar C. Patel (On deputation) Akram Shekh (Contract Basis) Nisarg Patel (Contract Basis)

Owner / Operator of the Zoo		
17	*Name of the Operator	Ahmedabad Municipal Corporation
18	Address of the Operator	Ahmedabad Municipal Corporation, Sardar Patel Bhavan Danapeeth, Ahmedabad-380001
19	Contact details/Phone number of Operator	+91-79-25463415
20	E-mail address of Operator	mc@ahmedabadcity.gov.in

7. Organizational Chart



8. Human Resources

Manpower of the Zoo*

Sl.No.	Designation	Number of Sanctioned Posts	Names of the incumbent
1	Zoo Advisor	1	1
2	Zoo Superintendent	1	1
3	Deputy Zoo Superintendent	1	0
4	In charge Officer Balvatika	1	0
5	Assistant Zoo Superintendent	1	1
6	Office Superintendent	1	1
7	Veterinary Officer	1	1 (On Deputation)
8	Biologist	1	1 (Contract basis)
9	Education Inspector	1	0
10	Zoo Inspector	1	0
11	Store Keeper	1	1
12	Warden Supervisor	1	0
13	Senior Lab Technician	1	0
14	Senior Head Animal keeper	1	0
15	Live Stock Inspector	3	1 (On Deputation) 2 (Contract basis)
16	Senior Clerk	2	2
17	Librarian	1	0
18	Assistant Reliever Librarian	1	0
19	Junior Clerk	9	3
20	Head Animal keeper	2	1 (Contract basis)
21	Assistant Head Animal keeper	1	0
22	Senior Mali	2	0

23	Assistant Elephant cum Animal keeper	1	0
24	Sweeper	2	0
25	Zoo Artist	1	0
26	Balvatika Supervisor	2	2
27	Wireman	1	1
28	Musical Instrument Mechanic	1	0
29	Zoo Booking Guide	2	0
30	Museum Supervisor	1	0
31	Zoo Animal Section Keeper	5	2
32	Balvatika Animal Section Keeper	4	0
33	Balvatika Section Keeper	4	0
34	Animal Keeper	30	8 Regular 20 (Contract basis)
35	Assistant Elephant cum Animal keeper	1	0
36	Zoo Guide	5	5 (03 -Contract basis)
37	Balvatika Guide	6	3
38	Museum Attendant	4	0
39	Muni. Attendant	2	0
40	Garden Labourer/Majur	40	28
41	Booking Helper	7	5
42	Sweeper	2	34(Contract basis)
	Total	156	126

9. Capacity Building of Zoo personnel

Sl. No.	Name and designation of the zoo personnel	Subject matter of Training	Period of Training	Name of the Institution where the Training attended
1	Mr. Bharatsinh P. Vihol, Education Inspector	Capacity Workshop for Zoo Biologist	Date : 05/08/2023 to 07/08/2023	Sanjay Gandhi Biological Park, Patna, Bihar.
2	Mr. Bharatsinh P. Vihol, Education Inspector	One Health Workforce for Capacity Building	Date : 22/08/2023	Animal Husbandary Department, Govt. Of Gujarat, Makarba, Ahmedabad.
3	Mr. Rakeshbhai C. Patel Live Stock Inspector	One Health Workforce for Capacity Building	Date : 22/08/2023	Animal Husbandary Department, Govt. Of Gujarat, Makarba, Ahmedabad.
4	Dr. Divyesh P. Solanki Veterinary Officer	Capacity Building Training For Zoo Veterinarian.	Date : 16/10/2023 to 18/10/2023	Van Vihar National Park, Bhopal

10.

Zoo Advisory Committee –

Recreational, Cultural and Heritage committee

- a. Date of constitution - Jan 2015
- b. Members - 14
- c. Dates on which Meetings held during the year –
Every 15 days (Friday)

11. Health Advisory Committee–

Headed by Conservator of Forest and members are from Veterinary College Anand and Animal Husbandry department Government of Gujarat.

- a. Date of constitution : 12/01/2005
- b. Members : 4
- c. Dates on which Meetings held during the year:
Since long this Committee has not visited our Zoo.

12. Statement of income, visitors and expenditure of the Zoo

Zoo Department Income in Rs.

<i>Year</i>	<i>Zoo</i>	<i>Nocturnal Zoo</i>	<i>Balvatika</i>	<i>Butterfly Park</i>	<i>Other Income</i>	<i>Total</i>
<i>2021-22</i> <i>*COVID-19*</i>	<i>2937290</i>	<i>48083000</i>	<i>463100</i>	<i>1156700</i>	<i>10400115</i>	<i>63040205</i>
<i>2022-23</i>	<i>1745005</i>	<i>79751000</i>	<i>1024100</i>	<i>1870000</i>	<i>15061070</i>	<i>99451175</i>
<i>2023-24</i>	<i>25598660</i>	<i>43950000</i>	<i>767900</i>	<i>1527500</i>	<i>14988997</i>	<i>86833057</i>

Zoo Department Nos. of Visitors

<i>Year</i>	<i>Zoo</i>	<i>Nocturnal Zoo</i>	<i>Balvatika & N.H.Museum</i>	<i>Butterfly Park</i>	<i>Total</i>
<i>2021-22</i> <i>*COVID-19*</i>	<i>1257622</i>	<i>1090600</i>	<i>164900</i>	<i>123710</i>	<i>2636832</i>
<i>2022-23</i>	<i>1939434</i>	<i>1817400</i>	<i>380474</i>	<i>207900</i>	<i>4345208</i>
<i>2023-24</i>	<i>1724304</i>	<i>1016500</i>	<i>285159</i>	<i>170700</i>	<i>3196663</i>

Zoo Department Expenditure Budget in Rs.

<i>Year</i>	<i>Revenue</i>	<i>Capital</i>	<i>Total</i>
<i>2021-22</i>	<i>7,39,77,000</i>	<i>1,50,00,000</i>	<i>8,89,77,000</i>
<i>2022-23</i>	<i>7,97,16,000</i>	<i>1,00,00,000</i>	<i>8,97,16,000</i>
<i>2023-24</i>	<i>8,85,02,000</i>	<i>2,00,00,000</i>	<i>10,85,02,000</i>

13. Daily feeding Schedule of animals

Daily feeding Schedule of animals

Sl.No.	Species	Feed item	Quantity		Day of fasting
			Winter	Summer	
MAMMALS					
1	Bear Himalayan Black	Milk, rice, roti of gram flour, fruits, breads etc.	Milk 2 Ltr. rice 500 gms, roti of gram flour 250 gms, seasonal fruits 3Kg, breads 500 gm etc.	10% lesser than winter	NIL
2	Black Buck Common	Dry Concentrate(gram pieces, maize pieces, groundnut cake, cattle feed, salt licks), Dry hay, Green Fodder	400-600gms Concentrate. 2-3 kg green fodder and hay adlib with leaves of different trees.	5% lesser than winter	NIL
3	Jungle Cat	Chicken/Buffalo Meat	800-1000 gms	10% lesser than winter	NIL
4	Common Palm Civet	Milk, Banana, Papaya, Bread, Chevon	200 ml, 4-5 pieces, 250 gms, 4-6 slice, 100-150 gms	5% lesser than winter	NIL
5	Indian Elephant	Cooked rice, ragi flour, kulthi grains, jaggery, coconuts, sugarcane, green grass, leaves, and barks of Baniyan and peepal tree etc.	Cooked food 5-8 kgs, jaggery 2-3 kgs, coconut 2 pieces, 10-15 kg sugarcane, 150 kg green grass and leaves	5% lesser than winter	NIL

			and bark of Baniyan and peepal tree adlib.		
6	Jackal	buffalo meat and goat meat	500-700 gms	400-600 gms	NIL
7	Common Langur	Soaked grams, banana, papaya, seasonal fruits and vegetables twice a day	150-200 gms, 2-5 nos. 200 gms, 200-300 gms	5% lesser than winter	NIL
8	Leopard/Panther	Buffalo Meat	3.5-4kg (M) 3-3.5 kg (F)	3kg (M) 2.5kg (F)	Friday
9	Lion Indian	Buffalo Meat	12kg (M) 8kg (F)	10kg (M) 7kg (F)	Friday
10	Macaque Bonnet	Soaked grams, banana, papaya, seasonal fruits and vegetables twice a day	150-200 gms, 2-5 nos. 200 gms, 200-300 gms	5% lesser than winter	NIL
11	Macaque Rhesus	Soaked grams, banana, papaya, seasonal fruits and vegetables twice a day	150-200 gms, 2-5 nos. 200 gms, 200-300 gms	5% lesser than winter	NIL
12	Otter	Fish, Carrot twice a day	2-2.5 kg and 2 pieces	5% lesser than winter	NIL
13	Porcupine Bengal	Pulses, Math, Grams, Seasonal Fruits and Vegetables twice a day	100-150 gms. 500-700 gms.	5% lesser than winter	NIL
14	Tiger Bengal	Buffalo Meat	12kg (M) 8kg (F)	10kg (M) 7kg (F)	Friday
15	Tiger Bengal (White)	Buffalo Meat	8kg (F)	7kg(F)	Friday
16	Deer Hog	Dry Concentrate(gram pieces, maize pieces, groundnut cake, cattle feed), Dry hay, Green Fodder	600-900 gms, 2-5 kg	5% lesser than winter	NIL

17	Deer Sambar	Dry Concentrate(gram pieces, maize pieces, groundnut cake, cattle feed, salt licks), Dry hay, Green Fodder	1.5-2 kg, adlib. 3-5 kg.	5% lesser than winter	NIL
18	Deer Spotted-Chittal	Dry Concentrate(gram pieces, maize pieces, groundnut cake, cattle feed, salt licks), Dry hay, Green Fodder	600-900 gms. adlib, 2-5 kg.	5% lesser than winter	NIL
19	Flying fox	Papaya and Banana and other seasonal fruits	200-300 gms	200-300 gms	NIL
20	Hippopotamus	Dry Concentrates, Vegetables and Green Grass	5-7 kg, 2-5 kg & 50-100 kg	5% lesser than winter	NIL
21	Hyena	Buffalo Meat & Chiken	1kg & 2kg	800-900 gms & 1.5 kg	NIL
22	Nilgai/Blue Bull	Dry Concentrate(gram pieces, maize pieces, groundnut cake, cattle feed, salt licks), Dry hay, Green Fodder	1.5-2 kg. adlib, 3-5 kg	5% lesser than winter	NIL
REPTILES					
1	Cobra Indian	Poultry chicks once in a week	As per requirements	As per requirements	---
2	Crocodile Long Snouted/ Gharial	Buffalo Meat twice a week	2-5 kg	2-5 kg	---
3	Crocodile Marsh (Mugger)	Buffalo Meat twice a week	2-5 kg	2-5 kg	---
4	Crocodile Saltwater	Buffalo Meat twice a week	2-5 kg	2-5 kg	---
5	Monitor Lizard/Common Indian	Poultry chicks once in a week	As per requirements	As per requirements	---

6	Indian Python Rock	Hen or Rabbit once in a week	As per requirements	As per requireme nts	---
7	Snake Russell's Viper	Poultry chicks once in a week	As per requirements	As per requireme nts	---
8	Snake Keelback Checkered	Poultry chicks once in a week	As per requirements	As per requireme nts	---
9	Snake Rat/Dhaman	Poultry chicks once in a week	As per requirements	As per requireme nts	---
10	Krait	Poultry chicks once in a week	As per requirements	As per requireme nts	---
11	Boa John's	Poultry chicks once in a week	As per requirements	As per requireme nts	---
12	Boa Russell's	Poultry chicks once in a week	As per requirements	As per requireme nts	---
13	Snake Trinket	Poultry chicks once in a week	As per requirements	As per requireme nts	---
14	Tortoise Indian Star	Soaked grams, math, and greens	40-100 gms	As per requireme nts	NIL
15	Turtle	Fish and Minced meat	200-300 gms	As per requireme nts	NIL
16	Green Anaconda	White mice once in a week	As per requirements	As per requireme nts	---
BIRDS					
1	Peafowl	Jowar Bajra, Greens twice a day	100-200 gms & 50- 100 gms	100-200 gms & 50- 100 gms	NIL
2	Pigeon Nicobar	Cannery black seeds, soaked	20-50 gms	20-50 gms	NIL

		grams, jowar bajra			
3	Spoonbill White	Minced buffalo meat and fish	100-150 gms approx., adlib.	100-150 gms approx., adlib.	NIL
4	Babbler Common	jowar bajra	50-70 gms	50-70 gms	NIL
5	Budgerigar	cannery black seeds, kang cheena, greens	adlib	adlib	NIL
6	Cockatiel	cannery black seeds, kang cheena, greens	adlib	adlib	NIL
7	Cockatoo	sunflower seeds, rice paddy, groundnut with cover, grams, hard fruits & vegetables.	adlib.,	adlib.,	NIL
8	Connure Patagonian	sunflower seeds, rice paddy, groundnut with cover, grams, hard fruits & vegetables.	adlib.,	adlib.,	NIL
9	Cormorant Little	fish	adlib.	adlib.	NIL
10	Crane Crowned	boiled egg, jowar bajra, rice, wheat bran	2 eggs, adlib.	2 eggs, adlib.	NIL
11	Dove Rufous Turtle	Cannery black seeds, jowar bajra	20-50 gms	20-50 gms	NIL
12	Duck Comb	soaked prawn husk, wheat bran, jowar bajra	adlib.	adlib.	NIL
13	Egrets	Minced buffalo meat and fish	100-150 gms approx., adlib.	100-150 gms approx., adlib.	NIL
14	Emu	Soaked Grams and math, green vegetables,	1-1.5 kg soaked grains and	1-1.5 kg soaked grains and	NIL

		banana, bread.	1kg fruits & vegetables	1kg fruits & vegetables	
15	Finches	cannery black seeds, kang cheena, greens	5-10gms	5-10gms	NIL
16	Goose Grey Leg	soaked prawn husk, wheat bran, jowar bajra	adlib.	adlib.	NIL
17	Heron Indian Reef	Minced buffalo meat and fish	100-150 gms approx., adlib.	100-150 gms approx., adlib.	NIL
18	Heron Night	Minced buffalo meat and fish	100-150 gms approx.	100-150 gms approx.	NIL
19	Ibis Black	Minced buffalo meat and fish	100-150 gms approx., adlib.	100-150 gms approx., adlib.	NIL
20	Ibis White	Minced buffalo meat and fish	100-150 gms approx., adlib.	100-150 gms approx., adlib.	NIL
21	Kite	minced meat	100-150 gms	100-150 gms	NIL
22	Koel	papaya	50-100 gms	50-100 gms	NIL
23	Love Birds	cannery black seeds, kang cheena, greens	adlib	adlib	NIL
24	Myna Common	jowar bajra	30-40 gms	30-40 gms	NIL
25	Grey Parrot	sunflower seeds, rice paddy, groundnut with cover, grams, hard fruits & vegetables.	adlib.,	adlib.,	NIL
26	Parakeet Alexandrine	sunflower seeds, rice paddy, groundnut with cover, grams, hard fruits &	adlib.,	adlib.,	NIL

		vegetables.			
27	Parakeet Blossom Headed	sunflower seeds, rice paddy, groundnut with cover, grams, hard fruits & vegetables.	adlib.,	adlib.,	NIL
28	Parakeet Rose Breasted	sunflower seeds, rice paddy, groundnut with cover, grams, hard fruits & vegetables.	adlib.,	adlib.,	NIL
29	Parakeet Rose Ring	sunflower seeds, rice paddy, groundnut with cover, grams, hard fruits & vegetables.	adlib.,	adlib.,	NIL
30	Partridge Grey	sunflower seeds, rice paddy, groundnut with cover, grams, hard fruits & vegetables.	adlib.,	adlib.,	NIL
31	Pelican Rosy/White	fish	500-900gms	500-900gms	NIL
32	Pheasant Golden	jowar bajra grains and greens	40-80 gms	40-80 gms	NIL
33	Pheasant Silver	jowar bajra grains and greens	40-80 gms	40-80 gms	NIL
34	Pigeon Crowned	Cannery black seeds, jowar bajra	20-50 gms	20-50 gms	NIL
35	Pigeon Pied Imperial	Cannery black seeds, jowar bajra	20-50 gms	20-50 gms	NIL
36	Rosella Eastern	sunflower seeds, rice paddy, groundnut with cover, grams, hard fruits & vegetables.	adlib.,	adlib.,	NIL

37	Sparrow Java	cannery black seeds, kang-cheena, greens	5-10gms	5-10gms	NIL
38	Stork painted	Minced buffalo meat and fish	1.0-1.5 kg approx., adlib.	1.0-1.5 kg approx., adlib.	NIL
39	Stork White Neck	Minced buffalo meat and fish	1.0-1.5kg. approx., adlib.	1.0-1.5kg. approx., adlib.	NIL
40	Vulture White Backed-Bengal	Buffalo meat and bones	800-1000gms	800-1000gms	NIL

14. Vaccination Schedule of animals

Vaccination Schedule of animals in Ahmedabad Zoo

Sl.No	Species	Disease vaccinated for	Name of the Vaccine and dosage/ quantity used	Periodicity	Remarks
1.	All Felines namely Lion, Tiger & Leopard as per the inventory of Ahmedabad zoo	Calici Virus, Rhinotrachitis, Panleucopenia (feline distemper)	Feligen CRP vaccine, 1 ml SC or IM by dart gun	Once in a year in the month of April	
2	Elephant	Tetanus	Tetanus toxoid 20 ml IM	Once in a year in the month of May	
3	All Birds as per the inventory of Ahmedabad zoo	Ranikhet Disease	F1 Lasota Strain Vaccine 30 ml diluent per 1000 doses	every six months interval in the month of September and February	

15. De-worming Schedule of animals

Sl.No.	Species	Drug used	Month
1	All Mammals as per the inventory of Ahmedabad zoo	Panacur Bolus Hitek Bolus Albomar Bolus	May & February July Oct. and after checking of faecal sample if samples are positive we are again doing deworming
2	All Birds as per the inventory of Ahmedabad zoo	Albomar Liquid Hitek Liquid	May & October July & February and after checking of faecal sample, if samples are positive we are again doing deworming
3	All Felines namely Lion, Tiger & Leopard as per the inventory of Ahmedabad zoo	Inj. Triquin	Once in a Year before onset of monsoon
4	All Reptiles as per the inventory of Ahmedabad zoo	Albomar Bolus Hitek Bolus In live food	Twice in a Year February & October and after checking of faecal sample, if samples are positive we are again doing deworming

16. Disinfection Schedule

Sl.No	Species	Type of enclosure	Disinfectant used and method	Frequency of disinfection
1	All Mammals as per the inventory of Ahmedabad zoo	-----	Kohrsolin Th, Butox, P.P solution	Every Month If any outbreak news in city or outside frequency increases.
2	All Birds as per the inventory of Ahmedabad zoo	-----	Kohrsolin Th, Butox, P.P solution	Every Month If any outbreak news in city or outside frequency increases.
3	All Reptiles as per the inventory of Ahmedabad zoo	-----	Kohrsolin Th, Butox, P.P solution	Every Month

Every year before monsoon we change the substrate soil of herbivores enclosure.

Disinfection of surrounding visitors path done once a week using phenyl and as and when required.

we also use flame gun sterilization for disinfecting cages and tick control

17. Health Check-up of employees for zoonotic diseases

Sl.No	Name	Designation	Date of Health Check up	Findings of Health Check up
1	Dr. R.K.Sahu	Advisor of Zoo	Oct 2023	No Zoonotic diseases found
2	Dr. Sharva Shah	Zoo Superintendent	Oct 2023	No Zoonotic diseases found
3	Mr. Bharatsinh P.Vihol	Asst. Zoo Superintendent	Oct 2023	No Zoonotic diseases found
4	Dr. D. P. Solanki	Veterinary Officer (On Deputation)	Oct 2023	No Zoonotic diseases found
5	Dr. Maulik Rajvi	Veterinary Officer (Contract Base)	Oct 2023	No Zoonotic diseases found
6	Ms. Shreya Chavda	Biologist (Contract Base)	Oct 2023	No Zoonotic diseases found
7	Mr.Rakeshkumar C. Patel	Live Stock Inspector (On Deputation)	Oct 2023	No Zoonotic diseases found
8	Mr. Akram Shaikh	Live Stock Inspector (Contract Basis)	Oct 2023	No Zoonotic diseases found
9	Mr. Nisarg Patel	Live Stock Inspector (Contract Basis)	Oct 2023	No Zoonotic diseases found

10	Mr.Farsuram.B.Patel	Head Animal Keeper (Contract Basis)	Oct 2023	No Zoonotic diseases found
11	Mr. Mukeshbhai Chaudhry	Supervisor	Oct 2023	No Zoonotic diseases found
12	Mr. Himmatbhai Purabiya	Supervisor	Oct 2023	No Zoonotic diseases found
13	Mr Ashok P. Patel	Animal Section Keeper	Oct 2023	No Zoonotic diseases found
14	Mr Rameshbhai Becharbhai	Animal Section Keeper	Oct 2023	No Zoonotic diseases found
15	Mr.Zahirabbas Yasinkhan	Animal Keeper	Oct 2023	No Zoonotic diseases found
16	Mr Maheubmiya Gulamnabi	Animal Keeper	Oct 2023	No Zoonotic diseases found
17	Mr Dineshbhai Sadrabhai	Animal Keeper	Oct 2023	No Zoonotic diseases found
18	Mr Mahendrasinh A Jadeja	Animal Keeper	Oct 2023	No Zoonotic diseases found
19	Mr Saiyadali Ajimuddin	Animal Keeper	Oct 2023	No Zoonotic diseases found
20	Mr Bhagubhai D.Patel	Animal Keeper	Oct 2023	No Zoonotic diseases

				found
21	Mr Kiranbhai Naranbhai	Animal Keeper	Oct 2023	No Zoonotic diseases found
22	Mr Siyaram Babulal	Animal Keeper	Oct 2023	No Zoonotic diseases found
23	Mr Sravanbhai Kanjibhai	Animal Keeper	Oct 2023	No Zoonotic diseases found
24	Mr. Ranjitsinh A. Jadeja	Keeper on Contract base	Oct 2023	No Zoonotic diseases found
25	Mr. Gopalsingh B. Rajput	Keeper on Contract base	Oct 2023	No Zoonotic diseases found
26	Mr. Rasasingh D. Rajput	Keeper on Contract base	Oct 2023	No Zoonotic diseases found
27	Mr. Sameer Z. Abbassi	Keeper on Contract base	Oct 2023	No Zoonotic diseases found
28	Mr. Vikas K. Chauhan	Keeper on Contract base	Oct 2023	No Zoonotic diseases found
29	Mr. Nilesh D. Dantani	Keeper on Contract base	Oct 2023	No Zoonotic diseases found
30	Mr. Vasim A. Pathan	Keeper on Contract base	Oct 2023	No Zoonotic diseases found
31	Mr. Salim Y. Abbasi	Keeper on	Oct 2023	No Zoonotic

		Contract base		diseases found
32	Mr. Jahangir M. Pathan	Keeper on Contract base	Oct 2023	No Zoonotic diseases found
33	Mr. Rajendrasinh R. Jadeja	Keeper on Contract base	Oct 2023	No Zoonotic diseases found
34	Mr. Subham D. Dube	Keeper on Contract base	Oct 2023	No Zoonotic diseases found
35	Mr. Shivam K. Gupta	Keeper on Contract base	Oct 2023	No Zoonotic diseases found
36	Mr. Govind K. Chauhan	Keeper on Contract base	Oct 2023	No Zoonotic diseases found
37	Mr. Ashwin Chaudhry	Keeper on Contract base	Oct 2023	No Zoonotic diseases found
38	Mr. Farhan Abbasi	Keeper on Contract base	Oct 2023	No Zoonotic diseases found
39	Mr. Madhav M. Chauhan	Keeper on Contract base	Oct 2023	No Zoonotic diseases found
40	Mr. Mehul Srimali	Keeper on Contract base	Oct 2023	No Zoonotic diseases found
41	Mr. Ujefkhan F. Pathan	Keeper on Contract base	Oct 2023	No Zoonotic diseases found

42	Mr. Vinod Patni	Keeper on Contract base	Oct 2023	No Zoonotic diseases found
43	Mr. Rohit Chaudhary	Zoo Guide	Oct 2023	No Zoonotic diseases found
44	Ms. Manna Parmar	Zoo Guide	Oct 2023	No Zoonotic diseases found
45	Mr. Laksh Joshipura	Zoo Guide	Oct 2023	No Zoonotic diseases found
46	Mr. Ranchhodbhai. N Garasiya	Wireman	Oct 2023	No Zoonotic diseases found
47	Mr Firozkhan Hasankhan	Labour	Oct 2023	No Zoonotic diseases found
48	Mr.Dilavarkhan S. Pathan	Labour	Oct 2023	No Zoonotic diseases found
49	Mr Noormahmad Habibbhai	Labour	Oct 2023	No Zoonotic diseases found
50	Mr Jagatsinh Kaharsinh	Labour	Oct 2023	No Zoonotic diseases found
51	Mr. Umesh Vora	Labour	Oct 2023	No Zoonotic diseases found
52	Mr. Rajubhai Chelabhai	Labour	Oct 2023	No Zoonotic diseases

				found
53	Mr. Prakash Guarde	Labour	Oct 2023	No Zoonotic diseases found
54	Mr. Girish Vaghela	Labour	Oct 2023	No Zoonotic diseases found
55	Mr. Naresh Baraiya	Labour	Oct 2023	No Zoonotic diseases found
56	Mr. Kishan Mavji	Labour	Oct 2023	No Zoonotic diseases found
57	Mr Tulsibhai Dahyabhai	Safai Kamdar	Oct 2023	No Zoonotic diseases found
58	Mr. Rajesh Haribhai	Sweeper	Oct 2023	No Zoonotic diseases found

18. Development Works carried out in the zoo during the year

- Navigation App launched for Visitors to easily visit zoo on World Wildlife Day on 3rd March 2024.



Kamlal Nehru Zoological Garden_10w x 6h front_design



19. Education and Awareness programmes during the year

Zoo Education Activity:

- Ahmedabad Zoo has celebrated Wildlife Week from 1st to 7th Oct 2023, Animal welfare fortnight 14th to 30th January 2024 and World wildlife day on 3rd March 2024 to create awareness about wildlife and animal welfare among the visitors. These activities included lectures; touch table, zoo guide and keeper talk which kept the children entertained whilst also imparting crucial educational information to them.



Friends of Zoo Scheme

No of Adopters – 23

No. of Adopted Animals – 28

Mammals – 06

Birds – 13

Reptiles - 09

Income Rs. 3, 63, 780/00

Friends of Zoo Scheme

Friends of Zoo scheme struggles to gain traction

Where are large-hearted Gujaratis?

Citizens urged to adopt animals at Kankaria Zoo, help boost wildlife conservation

Megha Bhatt
feedback@ahmedabadmirror.com

TWEETS @ahmedabadmirror

Kankaria Zoo's 'Friends of the Zoo' adoption scheme, launched in 2005 to encourage public participation in wildlife conservation, has seen a loss of interest.

Only 53 animals were adopted in the 2022-23 of the total 2,025 adopted animals at the zoo. Sources attribute the lacklustre results to a lack of awareness and interest in wildlife conservation among citizens.

The scheme, which enables individuals, companies, and educational institutions to adopt animals and learn about their needs, aims to bring people closer to nature and foster a deeper understanding of the ecosystem.

Adoption amounts range from Rs 2,200 to Rs 2,58,200, with the zoo spending over Rs 2 crore annually to feed its diverse array of animals.

In an effort to appeal to potential adopters, the scheme highlights the opportunity for hands-on learning about animal care and the pride that comes from contributing to wildlife conservation.

Companies can also participate through Corporate Social Responsibility (CSR) initiatives by adopting animals or funding infrastructure projects such as enclosures.

With affordable adoption rates as low as Rs 200 per month, the scheme offers options for people to adopt various animals, including tortoises, turtles, pigeons, doves, finches, and lovebirds.

The Kankaria Zoo is particularly notable for its rare Nicobar pigeons, an endangered species. There are 27 of them at the zoo, with Kankaria being the only zoo in India where these birds are breeding successfully.

There are also four species of parrots breeding in the zoo with their numbers over a 100.

It's not costly to adopt an animal (costs in Rs)

ANIMAL	ADOPTION COST/YR
Lion	1,92,200
Lioness	1,01,200
Tiger	1,26,200
Tigress	1,01,200
Male Leopard	38,200
Female leopard	32,200
Hippopotamus	1,51,200
Peacock	4,200
Parrot	5,200

Fostering lifelong friendships

Kankaria Zoo's director, R K Sahu, shared heart-warming adoption success stories, highlighting lifetime adoptions like that of an elephant by Solicitor General Paresah Jain. Aditya Jain, a frequent zoo visitor since childhood, adopted a peacock when the scheme launched. A generous businessman donated 10 coolers as a gift and provides annual maintenance for free. SIKIYVA School has formed a decade-long bond with a bear through adoption, showcasing the scheme's impact and the potential for long-lasting connections.

From regal lions to colourful parrots

Explore our captivating zoo, home to a pride of one stately lion and two lionesses, a group of big cats including a force tiger, three tigresses, and a rare white tigress. Discover the stealthy quartet of leopards and a fascinating hippo duo. There are also nearly 20 peacocks and over 100 lively parrots from four unique species.

Connecting with nature

R K Sahu emphasizes the unique opportunities provided by the adoption scheme. Participants can forge lifelong friendships with animals, encourage children to engage with nature over technology, and even adopt animals in the memory of loved ones. As a scientific institution, the zoo allows adopters to learn about infrastructure design, veterinary care, vaccination, animal breeding, behaviour, and more.

For details contact:
KANKARIA ZOO- 079-25463415
E-mail: kankariazoo@ahmedabadcity.gov.in



20. Important Events and happenings –

- Ahmedabad Zoo has celebrated the inauguration of PM selfie booth for reducing "e-Waste" which was a PAN-India programme conducted in most Zoos of India by MIS portal through CZA.



- Ahmedabad Zoo has acquired ISO 9001:2015 QMS(Quality Management Systems)certificate on 19th December 2023.



21. Seasonal special arrangements for upkeep of animals:

Ahmedabad Zoo is making special arrangements during the winter season to all mammals with heaters and dry grasses for bedding. For reptiles we are providing earthen pots with bulbs. This practical solution of heating arrangements for reptiles was the first of its kind and a paper was published in 1992 about the same. For birds we are providing brooder for heating.

During summer, for all mammals we are providing coolers, Mist/micro sprinklers and water bodies to those who love water. The provision of green nets is also made available to avoid direct sun light in enclosures. Every year we are planting trees and creepers for making natural shades in the animal's enclosure. Rainy season does not create much problem in urban zoos but we have provision of shades and Plastic sheets to protect them from heavy rain.



22. Research Work carried out and publications

Students list of Research Study in Ahmedabad Zoo:

1. **MS. Afonso Neha Ziana,
Post Graduate Student in Veterinary Clinical Medicine,
Veterinary College, KU,
Anand.**

**Subject : Studies on health assessment with reference to
Parasitic and Bacterial identification in Tortoise.**

2. **MS. Yashvini Yadav,
Students of Master of Science in Wildlife Biology and Conservation,
University School of Science,
Gujarat University,
Ahmedabad.**

**Subject: Internship study of 15 days at the Kamla Nehru
Zoological Garden, Kankaria, Ahmedabad.**

3. **MS. Ayushi Sonara,
Students of Master of Science in Wildlife Biology and Conservation,
University School of Science,
Gujarat University,
Ahmedabad.**

**Subject: Internship study of 15 days at the Kamla Nehru
Zoological Garden, Kankaria, Ahmedabad.**

4. **Mr. Aman Mevada,
Students of Master of Science in Wildlife Biology and Conservation,
University School of Science,
Gujarat University,
Ahmedabad.**

**Subject: Internship study of 15 days at the Kamla Nehru
Zoological Garden, Kankaria, Ahmedabad.**

5. **Mr. Maharshi Shukla,**
Students of Master of Science in Wildlife Biology and Conservation,
University School of Science,
Gujarat University,
Ahmedabad.

**Subject: Internship study of 15 days at the Kamla Nehru
Zoological Garden, Kankaria, Ahmedabad.**

6. **Mr. Bilal Khatumbara,**
Students of Master of Science in Wildlife Biology and Conservation,
University School of Science,
Gujarat University,
Ahmedabad.

**Subject: Internship study of 15 days at the Kamla Nehru
Zoological Garden, Kankaria, Ahmedabad.**

7. **Mr. Jenul Shaikh,**
Students of Master of Science in Wildlife Biology and Conservation,
University School of Science,
Gujarat University,
Ahmedabad.

**Subject: Internship study of 15 days at the Kamla Nehru
Zoological Garden, Kankaria, Ahmedabad.**

8. **Ms. Patel Bonnie Vinodbhai,**
M. Sc Zoology Sem-4 Student,
Department of Zoology, BMT, HG and VC,
School of Sciences,
Gujarat University,
Ahmedabad.

Subject: A Behaviour study on Asiatic Lion in captivity.

9. **Ms. Krishita Sharma,**
M. Sc Zoology Sem-4 Student,
Department of Zoology, BMT, HG and VC,
School of Sciences,
Gujarat University,
Ahmedabad.

Subject: To study venomous and non-venomous snakes in captivity.

10. **Ms. Vasava Stuti Bahadursinh,**
M. Sc Zoology Sem-4 Student,
Department of Zoology, BMT, HG and VC,
School of Sciences,
Gujarat University,
Ahmedabad.

Subject: To study Nicobar pigeon in captivity.

11. **Ms. Vasava Tejalkumari Champakbhai,**
M. Sc Zoology Sem-4 Student,
Department of Zoology, BMT, HG and VC,
School of Sciences,
Gujarat University,
Ahmedabad.

Subject: To study comparative account of Parakeet species in Kamla Nehru Zoological Garden.

12. **Ms. Desani Dhruviben Rajeshbhai,**
M. Sc Zoology Sem-4 Student,
Department of Zoology, BMT, HG and VC,
School of Sciences,
Gujarat University,
Ahmedabad.

Subject : To study comparative account of Blackbuck (antelope) and Hog deer (antlers) in Kamla Nehru Zoological Garden species in Kamla Nehru Zoological Garden.

**13. Ms. Ninama Riya Arvindbhai,
M. Sc Zoology Sem-4 Student,
Department of Zoology, BMT, HG and VC,
School of Sciences,
Gujarat University,
Ahmedabad.**

Subject : A Behaviour study of White Tigress in captivity.

**14. Ms. Rajput Karnika Urveshsinh,
M. Sc Wildlife Biology and Conservation Sem-4 Student,
Department of Zoology, BMT, HG and VC,
School of Sciences,
Gujarat University,
Ahmedabad.**

**Subject : Bird species available in Kamla Nehru Zoological
Garden.**

**15. Ms. Damor Lipidaben Harshadbhai,
M. Sc Wildlife Biology and Conservation Sem-4 Student,
Department of Zoology, BMT, HG and VC,
School of Sciences,
Gujarat University,
Ahmedabad.**

Subject : A Behaviour study of Elephant in captivity.

23. Conservation Breeding Programme of the Zoo

Ahmedabad Zoo is doing Conservation Breeding Programme for Nicobar Pigeons, Spoonbills, Peafowls and Rosy Pelicans.



24. Animal acquisition / transfer / exchange during the year

As per the permission of Central Zoo Authority, New Delhi, Ahmedabad Zoo has given following reptiles to Kevadiya Zoo for the purpose of Conservation and Education

A.	Animals arriving in the Zoo			
	Species	Number (M:F)	From which Zoo	Date of arrival in the zoo
B.	Animals going from the zoo			
	Species	Number (M:F)	Going to which Zoo	Date of deposition from the zoo
	Cobra Indian	0 : 0 : 2	Kevadiya Zoo	Dt.11.08.23
	Common Monitor	1 : 1 : 0		
	Python Indian	2 : 2 : 0		
Rat Snake	0 : 0 : 2			

25. Rescue and Rehabilitation of wild animals carried out by the Zoo

Sl.No .	Date of Rescue	Species with number of animals rescued with their sex (M: F:U:T)	Received from	Date of Submissio n of Report to the CWLW / CZA	Action taken	
					Date and Place of rehabilitatio n in their habitat	Reasons for housing in the zoo, if not released in their habitat

26. Annual Inventory of animals

Endangered Species*

S. No	Animal Name	Scientific name	Opening Stock as on Dt.01.04.2023				Births			Acquisition			Disposal			Death			Closing Stock as on Dt.31.03.2024			
			M	F	U	T	M	F	U	M	F	U	M	F	U	M	F	U	M	F	U	T
1	Bear Himalayan	<i>Ursus thibetanus</i>	0	1	0	01													0	1	0	01
2	Black Buck	<i>Antelope cervicapra</i>	2	4	0	06	1								1	2			2	2	0	04
3	Cat Jungle	<i>Felis chaus</i>	1	0	0	01													1	0	0	01
4	Civet Common Palm	<i>Paradoxurus Hermaphroditus</i>	1	1	0	02													1	1	0	02
5	Elephant Indian	<i>Elaphus maximus</i>	0	1	0	01													0	1	0	01
6	Jackal	<i>Canis aureus</i>	5	10	0	15									3	2			2	8	0	10
7	Langur Common	<i>Semnopithecus entellus</i>	22	10	0	32													2	10	0	32
8	Leopard/Panther	<i>Panthera pardus</i>	2	2	0	04									1				1	2	0	03
9	Lion Indian	<i>Panthera leo persica</i>	1	2	0	03													1	2	0	03
10	Macaque Bonnet	<i>Macaca radiata</i>	3	1	0	04													3	1	0	04
11	Macaque Rhesus	<i>Macaca mulatta</i>	27	24	0	51	3	4							1	2			2	26	0	55
12	Smooth – coated Otter	<i>Lutrogale perspicillata</i>	1	1	0	02									0	1	0		1	0	0	01
13	Deer Hog	<i>Axis porcinus</i>	41	53	0	94	6	7							3	3			4	57	0	101
14	Tiger Bengal	<i>Panthera tigris tigris</i>	1	2	0	03													0	1	0	01
15	Tiger Bengal (White)	<i>Panthera tigris tigris</i>	0	1	0	01													0	1	0	01
16	Peafowl	<i>Pavo cristatus</i>	12	27	0	39	1												1	27	0	40
17	Pigeon Nicobar	<i>Caloenas nicobarica</i>	0	0	2	26			3										0	0	29	29
18	Spoonbill White	<i>Platalea leucorodia</i>	0	0	3	34			5										0	0	39	39
19	Vulture White Backed-Bengal	<i>Gyps bengalensis</i>	0	0	4	04													0	0	4	04
20	Cobra Indian	<i>Naja naja</i>	0	0	1	14									2				0	0	12	12
21	Crocodile Long Snouted - Gharial	<i>Gavialis gangeticus</i>	0	0	3	03													0	0	3	03
22	Crocodile	<i>Crocodylus palustris</i>	0	0	8	08													0	0	8	08

	Marsh																				
23	Crocodile Salt Water	<i>Crocodylus porosus</i>	2	1	0	03												2	1	0	03
24	Monitor Lizards / Common Indian	<i>Varanus bengalensis</i>	2	2	0	04				1	1							1	1	0	02
25	Python Indian – Rock	<i>Python molurus</i>	31	26	0	57				2	2			1				29	23	0	52
26	Snake Russels Viper	<i>Daboia russelii</i>	0	0	3	03												0	0	3	03
27	Snake Keelback Checkered	<i>Xenochrophis piscator</i>	0	0	6	06												0	0	6	06
28	Snake Rat	<i>Ptyas mucosus</i>	0	0	5	05						2						0	0	3	03
29	Indian Flapshell Turtle	<i>Lissemys punctata</i>	0	0	25	25												0	0	25	25
		Total of Endangered Species	154	169	128	451	11	11	8			334		1020	120			152	165	132	449

*Animals under Schedule I and Schedule II of the Wild Life (Protection) Act, 1972

Part – B Other than Endangered Species

S. No.	Animal Name	Scientific name	Opening Stock as on Dt.01.04.2023				Births			Acquisition			Disposal			Death			Closing Stock as on Dt.31.03.2024					
			M	F	U	T	M	F	U	M	F	U	M	F	U	M	F	U	T					
1	Porcupine Bengal	<i>Atherurus macrourus</i>	0	0	62													5	3		0	0	54	54
2	Deer Sambar	<i>Rusa unicolor</i>	3	7	10			3										2			1	1	0	11
3	Deer Spotted	<i>Axis axis</i>	70	89	159	7	9											1	6		76	92	0	168
4	Fox Flying	<i>Pteropus giganteus</i>	0	0	12																0	0	12	12
5	Hippopotamus	<i>Hippopotamus amphibius</i>	1	1	02																1	1	0	02
6	Hyena Stripped	<i>Hyaena hyaena</i>	0	1	01																0	1	0	01
7	Nilgai - Bluebull	<i>Boselaphus tragocamelus</i>	5	8	13													2	1		3	7	0	10
8	Babbler Common	<i>Turdoides caudatus</i>	0	0	01																0	0	1	01
9	Budgeriger	<i>Melopsittacus undulatus</i>	0	0	277															32	0	0	245	245
10	Cockatiel	<i>Nymphicus hollandicus</i>	0	0	223			18													2	0	0	239
11	Cockatoo Goffins	<i>Cacatua goffini</i>	0	0	03																0	0	3	03
12	Connure	<i>Cyanoliseus patagonus</i>	0	0	01													1			0	0	0	00

	Patagonian																			
13	Connure Green Cheeked	<i>Pyrrhura molinae molinae</i>	2	2	0	4											2	2	0	04
14	Connure Yellow Sided	<i>Pyrrhura molinae molinae</i>	1	0	0	1					1						0	0	0	00
15	Cormorant Little	<i>Phalacrocorax niger</i>	0	0	24												0	0	24	24
16	Crane Crowned	<i>Balearica pavonina</i>	0	1	0	01											0	1	0	01
17	Dove Rufous Turtle	<i>Streptopelia orientalis</i>	0	0	15						1						0	0	14	14
18	Duck Comb	<i>Sarkidiornis melanotos</i>	0	0	12			10									0	0	22	22
19	Egrets	<i>Egretta garzetta</i>	0	0	12												0	0	12	12
20	Emu	<i>Dromaius novaehollandiae</i>	0	0	19						1	1					0	0	17	17
21	Finches	<i>Chloebia</i>	0	0	35			11									0	0	46	46
22	Goose Grey leg	<i>Anser anser</i>	0	0	1	01						1					0	0	0	00
23	Heron Indian Reef	<i>Egretta gularis</i>	0	0	1	01											0	0	1	01
24	Heron Night	<i>Nycticorax nycticorax</i>	0	0	84			11									0	0	95	95
25	Ibis black	<i>Pseudibis papillosa</i>	0	0	1	01											0	0	1	01
26	Ibis White	<i>Threskiornis melanocephalus</i>	0	0	45												0	0	45	45
27	Kite	<i>Milvus migrans govinda</i>	0	0	1	01											0	0	1	01
28	Koel	<i>Eudynamis scolopacea</i>	0	0	1	01											0	0	1	01
29	Love Birds	<i>Agapornis</i>	0	0	121			35							3		0	0	153	153
30	Myna Common	<i>Acridotheres tristis</i>	0	0	4	04											0	0	4	04
31	Parakeet African grey	<i>Psittacus erithacus</i>	0	0	2	02											0	0	2	02
32	Parakeet Alexandrine	<i>Psittacula eupatria</i>	0	0	59			3									0	0	62	62
33	Parakeet Blossom Headed	<i>Psittacula cyanocephala</i>	0	0	15												0	0	15	15
34	Parakeet Rose Breasted	<i>Psittacula alexandri</i>	0	0	15						2	2					0	0	11	11
35	Parakeet Rose Ring	<i>Psittacula krameri</i>	0	0	94			6			1	1					0	0	98	98
36	Partridge Grey	<i>Francolinus pondicerianu</i>	1	0	0	01											1	0	0	01

27. Mortality of animals

Summary of Death during Apr - 2023 to Mar - 2024 Kamla Nehru Zoological Garden, Kankaria, Ahmedabad.

Date : 24.04.2024

Sr. No.	Name of Species	Date	No.	Cause of Death
Mammals				
1	Black buck(M)	26/07/23	1	Acute Froathy Tympany
2	Black buck(F)	23/08/23	1	Volvulus
3	Black buck(F)	08/12/23	1	Infighting
4	Jackal(F)	26/10/23	1	Old age
5	Jackal(M)	06/12/23	1	Old age
6	Jackal(F)	22/01/24	1	Old age
7	Jackal(M)	26/02/24	1	Tumor
8	Jackal(M)	02/03/24	1	Old age
9	Leopard(M)	01/12/23	1	Old age
10	Otter(F)	11/08/23	1	Old age
11	Rhesus Macaque(F)	19/10/23	1	Old age
12	Rhesus Macaque(M)	01/12/23	1	Injury
13	Rhesus Macaque(F)	07/03/24	1	Old age
14	Tiger(M)	06/11/23	1	Old age
15	Tiger(F)	09/01/24	1	Pneumonia
16	Porcupine(M)	01/06/23	1	Old age
17	Porcupine(M)	12/06/23	1	Old age
18	Porcupine(M)	22/08/23	1	Old age
19	Porcupine(M)	27/08/23	1	Old age
20	Porcupine(M)	09/11/23	1	Old age
21	Porcupine(M)	20/11/23	1	Weakness

22	Porcupine(F)	22/11/23	1	Old age
23	Porcupine(F)	04/02/24	1	Septicemia
24	Hog Deer(M)	18/05/23	1	Senility
25	Hog Deer(M)	15/08/23	1	Old age
26	Hog Deer(M)	30/08/23	1	Old age
27	Hog Deer(F)	16/10/23	1	Old age
28	Hog Deer(F)	08/11/23	1	Old age
29	Hog Deer(F)	20/11/23	1	Senility
30	Sambar(M)	13/02/24	1	Volvulus
31	Sambar(M)	23/02/24	1	Old age
32	Spotted Deer(F)	24/04/23	1	Infighting
33	Spotted Deer(F)	25/04/23	1	Old age
34	Spotted Deer(F)	15/08/23	1	Old age
35	Spotted Deer(F)	22/09/23	1	Old age
36	Spotted Deer(F)	23/09/23	1	Old age
37	Spotted Deer(F)	22/10/23	1	Dystocia
38	Spotted Deer(M)	09/11/23	1	Old age
39	Nilgai(M)	21/05/23	1	Volvulus
40	Nilgai(M)	02/09/23	1	Old age
41	Nilgai(F)	21/03/24	1	Old age
	Total Mammals		41	
Birds				
1	Budgerigar	Diff Date	32	E. Stress, Enteritis, Old age
2	Cockatiel	11/10/23	1	Old age
3	Cockatiel	25/02/24	1	Old age
4	Connure Yellow Sided	18/07/23	1	Old age
5	Patagonian Connure(M)	27/11/23	1	Old age

6	Rufous Turtle Dove(M)	21/03/24	1	Senility
7	Emu(F)	16/06/23	1	Severe Weakness
8	Emu(M)	28/11/23	1	Weakness & Shock
9	Goose Grey leg(F)	20/11/23	1	Senility
10	Lovebird	25/04/23	1	Old age
11	Lovebird	13/06/23	1	E. Stress
12	Lovebird	01/01/23	1	E. Stress
13	Parakeet Rose breasted(M)	28/05/23	1	Old age
14	Rose Breasted Parakeet(F)	11/12/23	1	Old age
15	Rose Breasted Parakeet(F)	15/12/23	1	Old age
16	Rose Breasted Parakeet(M)	02/01/24	1	Old age
17	Parakeet Rose ringed(M)	23/04/23	1	Old age
18	Rose Ring Parakeet(F)	14/10/23	1	Old age
19	Silver Pheasant(F)	21/01/24	1	Old age
	Total Birds		50	
1	Indian Python(F)	23/10/23	1	Old age
	Total Reptiles		01	
	Grand Total of Animals		92	

28. Compliance with conditions stipulated by the Central Zoo Authority

Sr. No	Norm No. under RZR.	Condition	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
2. Administrative and staffing pattern:					
1	10.2(2)	Post of the Curator, the Education Officer and the Biologist should be filled.	Six months	11/01/21	Already Education Officers are working in Ahmedabad Zoo on scheduled post. In Process.
4. Animal housing, display of animals and animal enclosures:					
2	10.4(2)	Design of enclosures of Porcupine and Jackal need to be modified as per norms prescribed by the CZA.	Six months	11/01/21	Nocturnal house is constructed and shifted Jackal and Porcupine.
3	10.4(5)	Enclosure for monkey/langur not yet modified as per norms prescribed by the CZA due to lack of NOC of the ASI. Matter should be pursued at competent level.	Six months	11/01/21	In Process.
4	10.4(10)	There should be uniformity in dimension and colour pattern of the signage's.	Three months	11/01/21	Implemented.
5	10.4(10)	Interpretation facilities should be made interactive.	One year	11/01/21	Implemented.
5. Upkeep and healthcare of animals:					
6	10.5(2)	There should be a proper footbath at the entry of meat preparation facility.	One month	11/01/21	Implemented.
7	10.5(8)	Schedule of vaccination and deworming should be displayed at the enclosure site.	Immediately	11/01/21	Implemented.
8	10.5(10)	Keeper's Diary should be maintained by the concerned Keeper.	Immediately	11/01/21	Implemented.

6. Veterinary and infrastructure facility:					
9	10.6(3)	Quarantine facility should be developed.	One year	11/01/21	In Process.
10	10.6(3)	A new post-mortem facility should be developed.	One year	11/01/21	Implemented.
11	10.6(5)	Post of the Lab Assistant should be filled.	One year	11/01/21	We are in touch with Anand Veterinary college and Govt. disease investigation lab for checking samples.
12	10.6(6)	MoU signed at present is for imparting internship training to the students of college of Veterinary Science. MoU for health care, preventive health management, surgical interventions, clinical tests, etc. Should also be signed.	Six month	11/01/21	We have already done MoU with Veterinary Universities of the state of Gujarat.
7. Post-mortem and disposal of carcasses of animals:					
13	10.7(4)	Incinerator should be installed in the zoo away from all animal enclosures.	Three months	11/01/21	Implemented.
9. Acquisition and breeding of animals:					
14	10.9(4)	Jungle cat, Hyena and Gharial are unpaired. Necessary action should be taken for their pairing.	Six months	11/01/21	We are corresponding with other zoo under Animal Exchange programme.
15	10.9(4)	Regarding the lone Elephant kept in the zoo and its enclosure, the matter should be discussed with the CZA and the issues be settled.	One year	11/01/21	AS per permission of CZA F. No 26-1/2010-CZA(Vol.III)(M)/4189 Dated. 21.01.2014
16	10.9(6)	Conservation breeding of Nicobar pigeon be taken up with Andaman Forest Department and a scientific conservation breeding plan be prepared.	One year	11/01/21	We are corresponding with Andaman forest department for conservation breeding of Nicobar pigeon.

29. List of freeliving wild animals within the zoo premises

Sr. No.	Name of the Species
1	Little Cormorant
2	Little Egret
3	Cattle Egret
4	Pond Heron
5	Painted Stork
6	White Ibis
7	Black Ibis
8	Spoonbill
9	Kite Black
10	Sparrow hawk/Shikra
11	Indian Peafowl
12	Water Hen white breasted
13	Partridge Grey
14	Blue Rock Pigeon
15	Langur Common
16	Red Collared Dove
17	Ring Dove
18	Rose-ringed Parakeet
19	Indian Cuckoo
20	Asian Koel
21	Crow Pheasant
22	Spotted Owlet
23	White breasted Kingfisher

24	Small Blue Kingfisher
25	Green Bee eater
26	Indian Roller
27	Common Hoopoe
28	Lesser Golden backed Wood Pecker
29	Yellow fronted pied Wood Pecker
30	Black Drongo
31	Myna Brahminy
32	Rosy starling
33	Indian Myna
34	Bank Myna
35	House crow
36	Jungle Crow
37	Red vented Bulbul
38	Common Babbler
39	Jungle Babbler
40	Tailor Bird
41	Magpie-Robin
42	Indian Robin
43	White Wagtail
44	Yellow Wagtail
45	Purple Sunbird
46	House Sparrow
47	Grey Hornbill
48	Indian Treepie
49	Coppersmith Barbet

50	Common iora
51	Pheasant tailed Jacana
52	White throated Fantail
53	Open billed Stork
54	Yellow footed green Pigeon
55	Indian golden oriole