

*Kamla Nehru Zoological Garden,
Kankaria, Ahmedabad*

*Annual Report
2020-21*



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1. Report of the Officer-in-charge

2020-21 has been a tough year for everyone in different ways due to the Covid -19 pandemic. Even after the closure of our zoological garden to the public, it has always been our utmost priority to continuously avail proper care for our animals as per the Covid guidelines. Respecting the welfare of zoo animals, we were able to arrange adequate food for all our animals amidst the strict city curfew with the help of local authorities.

Our staff has been kept up to date with the covid vaccinations and regular testing at the interval. In addition, thermal testing was regularly done to ensure safety of the staff as well as animals. As this pandemic is Zoonotic in nature, extensive measures were taken to keep all enclosures clean by antiviral disinfectants followed by sanitisation of the entire surroundings.

This pandemic has taught us a new style of living and has given us the opportunity to learn new and more effective ways of communication. Ahmedabad Zoo has organised several online programs for children and several other organisations through media coverage. Lastly, we are highly optimistic about this new era where Zoos learn new techniques of communication to reach people and teach them about conservation. We will continue to deliver our best to the animals in our care and to the people of this great nation.

Dr R.K. Sahu
Director of Ahmedabad Zoo

2. History of the Zoo

Established in 1951, Kamla Nehru Zoological Garden is situated on the outer periphery of Kankaria Lake, Ahmedabad Municipal Corporation. In 1970, 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 and policies. However, the Central Zoo Authority (CZA) was established in 1992. In 1998 National Zoo Policies were formed.

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-moated 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 20 lakh 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 popular 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 outdated 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 and National Zoo Policy 1998. As per approved Master Plan we have to implement it up to 2022.

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 and 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.

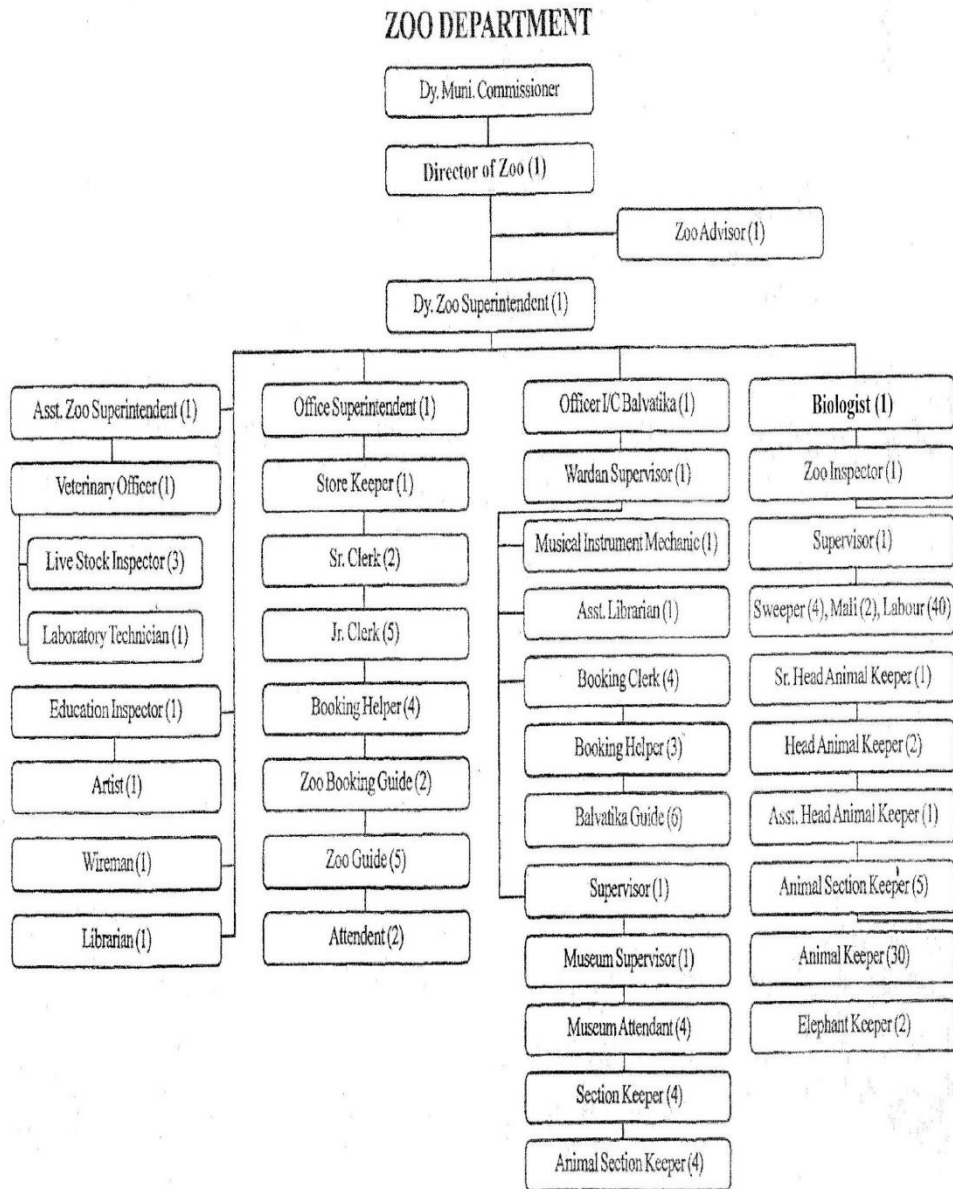
6. **About us**

S.No.	Particulars	Information
Basic Information about the Zoo		
1	Name of the Zoo	Kamala Nehru Zoological Garden, Ahmedabad (Gujarat)
2	Year of Establishment	1951
3	Address of the Zoo	Kamala Nehru Zoological Garden, Kankaria, Ahmedabad – 380 008, Gujarat
4	State	Gujarat
5	Telephone Number	+91-79-25463415
6	Fax Number	+91-79-25463818/25350926
7	E-mail address	kankaria@ahmedabadzoo.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)	19.08.2023
11	Category of zoo	Large Zoo
12	Area (in Hectares)	117 acre

13	Number of Visitors (Financial Year)	Adult : 07, 30, 487
		Children : 1, 53, 533
		Total Indian : 08, 84, 020
		Total Foreigners : 30
		Total Visitors: 08, 84, 050 <i>Due to Pandemic Covid-19 Our Zoo was closed for Nine months so number of visitors decreased from 33 Lakhs to almost 8.84 Lakhs.</i>
14	Visitors' Facilities Available in Zoo	Washroom, Drinking water, First aid, Wheel chair, Dom and Resting area, Anti venom serum, Library, Interpretation and Information Centre.
15	Weekly Closure Day of the Zoo	Monday
Management Personnel of the zoo		
16	Name with designation of the Officer in-charge	Dr. R. K. Sahu Director of Zoo
	Name of the Curator / Asst. Zoo Superintendent	Dr. D. P. Solanki (On deputation)
	Name of the Veterinary Officer	Dr. Sharva Shah (Contract Basis)
	Name of the Education Officer	Mr. Bharatsinh P. Vihol
	Name of the Biologist	Mr. Bharatsinh P. Vihol

	Name of the Compounder/ Lab Assistant	Mr. Rakeshkumar C. Patel (On deputation) Akram Shaikh (Contract Basis) Harshad Bhagora (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	Director of Zoo	1	1
2	Deputy Zoo Superintendent	1	0
3	In charge Officer Balvatika	1	0
4	Assistant Zoo Superintendent	1	1 (On Deputation)
5	Office Superintendent	1	1 (In Charge)
6	Veterinary Officer	1	1 (Contract Base)
7	Biologist	1	0
8	Education Inspector	1	1
9	Zoo Inspector	1	0
10	Store Keeper	1	1
11	Warden Supervisor	1	0
12	Senior Lab Technician	1	0
13	Senior Head Animal keeper	1	0
14	Live Stock Inspector	3	1 (On Deputation) 2 (Contract base)
15	Senior Clerk	2	2
16	Librarian	1	0
17	Assistant Reliever Librarian	1	0
18	Junior Clerk	9	5
19	Head Animal keeper	2	1 (Contract base)
20	Assistant Head Animal keeper	1	1 (Contract base)
21	Senior Mali	2	0
22	Assistant Elephant cum Animal keeper	1	0

23	Sweeper	2	1
24	Zoo Advisor	1	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	0
32	Balvatika Animal Section Keeper	4	2
33	Balvatika Section Keeper	4	0
34	Animal Keeper	30	12 Regular 18 (Contract basis)
35	Assistant Elephant cum Animal keeper	1	0
36	Zoo Guide	5	2
37	Balvatika Guide	6	3
38	Museum Attendant	4	0
39	Muni. Attendant	2	0
40	Garden Labourer/Majur	40	32
41	Booking Helper	7	6
42	Sweeper	2	33 (Contract basis)
	Total	156	130

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 2	Mr. Gopalsingh Bherusingh Rajput Mr. Uzefkhan Firozkhan Pathan Animal Keepers (On contract base)	13 th Animal Keepers Training Programme	14 th February to 18 th February - 2021	Kamala Nehru Zoological Garden, Ahmedabad. With the support of Central Zoo Authority, New Delhi.
3 4 5	Mr. Vikram Pahadsingh Rajput Mr. Vikas Kiranbhai Chauhan Mr. Salimahemad Yasinkhan Abbassi Animal Keepers (On contract base)	13 th Animal Keepers Training Programme Online	14 th February to 18 th February - 2021	Kamala Nehru Zoological Garden, Ahmedabad. With the support of Central Zoo Authority, New Delhi.
6 7	Dr. Divyeshkumar Pravinbhai Solanki, Asst. Zoo Suprintendent. (On Deputation) Dr. Sharva Shah, Veterinary Officer, (On Contract Base)	Refresher training on wildlife health management for veterinary health professionals Online	23 rd February to 25 th February 2021	Central Zoo Authority, New Delhi.
8	Dr. Divyeshkumar Pravinbhai Solanki, Asst. Zoo Suprintendent. (On Deputation)	Training of Traineres on Disaster Risk Management for Livestock Online	19th July to 20 th July 2021	Gujarat Institute of Disaster Management, Gandhinagar, Gujarat.



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>2018-19</i>	<i>15871590</i>	<i>39256340</i>	<i>1027907</i>	<i>1367895</i>	<i>13010954</i>	<i>70534686</i>
<i>2019-20</i>	<i>13046420</i>	<i>44802000</i>	<i>747490</i>	<i>1075150</i>	<i>12312337</i>	<i>71983397</i>
<i>2020-21</i> <i>*COVID-19*</i>	<i>2972830</i>	<i>14069000</i>	<i>144220</i>	<i>384300</i>	<i>2056562</i>	<i>19626912</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>2018-19</i>	<i>1831314</i>	<i>913522</i>	<i>381195</i>	<i>150269</i>	<i>3276300</i>
<i>2019-20</i>	<i>1795095</i>	<i>1044600</i>	<i>277163</i>	<i>119860</i>	<i>3236718</i>
<i>2020-21</i> <i>*COVID-19*</i>	<i>477615</i>	<i>313600</i>	<i>51915</i>	<i>40920</i>	<i>884050</i>

Zoo Department Expenditure Budget in Rs.

<i>Year</i>	<i>Revenue</i>	<i>Capital</i>	<i>Total</i>
<i>2018-19</i>	<i>8,71,43,000</i>	<i>2,00,00,000</i>	<i>10,71,43,000</i>
<i>2019-20</i>	<i>7,99,01,000</i>	<i>2,00,00,000</i>	<i>9,99,01,000</i>
<i>2020-21</i>	<i>9,08,19,000</i>	<i>7,70,00,000</i>	<i>16,78,19,000</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(gra m pieces, maize pieces, groundnut cake, cattle feed), Dry hay, Green	600-900 gms, 2-5 kg	5% lesser than winter	NIL

		Fodder			
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	Buffalo Meat	2-5 kg	2-5 kg	---

	(Mugger)	twice a week			
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 requireme nts	---
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 grams, jowar bajra	20-50 gms	20-50 gms	NIL
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	Cassowary	Soaked Grams and math, green vegetables, banana, bread.	1-1.5 kg soaked grains and 1kg fruits & vegetables	1-1.5 kg soaked grains and 1kg fruits & vegetables	NIL
7	Cockatiel	cannery black seeds, kang cheena, greens	adlib	adlib	NIL
8	Cockatoo	sunflower seeds, rice paddy, groundnut with cover, grams, hard fruits & vegetables.	adlib.,	adlib.,	NIL
9	Connure Patagonian	sunflower seeds, rice paddy, groundnut with cover, grams, hard fruits & vegetables.	adlib.,	adlib.,	NIL
10	Cormorant Little	fish	adlib.	adlib.	NIL
11	Crane Crowned	boiled egg, jowar bajra, rice, wheat bran	2 eggs, adlib.	2 eggs, adlib.	NIL

12	Dove Rufous Turtle	Cannery black seeds, jowar bajra	20-50 gms	20-50 gms	NIL
13	Duck Comb	soaked prawn husk, wheat bran, jowar bajra	adlib.	adlib.	NIL
14	Egrets	Minced buffalo meat and fish	100-150 gms approx., adlib.	100-150 gms approx., adlib.	NIL
15	Emu	Soaked Grams and math, green vegetables, banana, bread.	1-1.5 kg soaked grains and 1kg fruits & vegetables	1-1.5 kg soaked grains and 1kg fruits & vegetables	NIL
16	Finches	cannery black seeds, kang cheena, greens	5-10gms	5-10gms	NIL
17	Flamingo	jowar bajra, soaked wheat bran and prawn powder	adlib.	adlib.	NIL
18	Goose Grey Leg	soaked prawn husk, wheat bran, jowar bajra	adlib.	adlib.	NIL
19	Heron Indian Reef	Minced buffalo meat and fish	100-150 gms approx., adlib.	100-150 gms approx., adlib.	NIL
20	Heron Night	Minced buffalo meat and fish	100-150 gms approx.	100-150 gms approx.	NIL
21	Ibis Black	Minced buffalo meat and fish	100-150 gms approx., adlib.	100-150 gms approx., adlib.	NIL
22	Ibis White	Minced buffalo meat and fish	100-150 gms approx., adlib.	100-150 gms approx., adlib.	NIL
23	Kite	minced meat	100-150 gms	100-150 gms	NIL

24	Koel	papaya	50-100 gms	50-100 gms	NIL
25	Lorry Chattering	sunflower seeds, rice paddy, groundnut with cover, grams, hard fruits & vegetables, milk, bread & honey	adlib., 40 ml milk one piece bread	adlib., 40 ml milk one piece bread	NIL
26	Love Birds	cannery black seeds, kang cheena, greens	adlib	adlib	NIL
27	Myna Common	jowar bajra	30-40 gms	30-40 gms	NIL
28	Parakeet	sunflower seeds, rice paddy, groundnut with cover, grams, hard fruits & vegetables.	adlib.,	adlib.,	NIL
29	Parakeet Alexandrine	sunflower seeds, rice paddy, groundnut with cover, grams, hard fruits & vegetables.	adlib.,	adlib.,	NIL
30	Parakeet Blossom Headed	sunflower seeds, rice paddy, groundnut with cover, grams, hard fruits & vegetables.	adlib.,	adlib.,	NIL
31	Parakeet Rose Breasted	sunflower seeds, rice paddy, groundnut with cover, grams, hard fruits & vegetables.	adlib.,	adlib.,	NIL
32	Parakeet Rose Ring	sunflower seeds, rice paddy, groundnut with cover, grams, hard fruits & vegetables.	adlib.,	adlib.,	NIL

33	Partridge Grey	sunflower seeds, rice paddy, groundnut with cover, grams, hard fruits & vegetables.	adlib.,	adlib.,	NIL
34	Peafowl White	Jowar Bajra, Greens twice a day	100-200 gms & 50-100 gms	100-200 gms & 50-100 gms	NIL
35	Pelican Rosy/White	fish	500-900gms	500-900gms	NIL
36	Pheasant Golden	jowar bajra grains and greens	40-80 gms	40-80 gms	NIL
37	Pheasant Silver	jowar bajra grains and greens	40-80 gms	40-80 gms	NIL
38	Pigeon Crowned	Cannery black seeds, jowar bajra	20-50 gms	20-50 gms	NIL
39	Pigeon Pied Imperial	Cannery black seeds, jowar bajra	20-50 gms	20-50 gms	NIL
40	Rosella Eastern	sunflower seeds, rice paddy, groundnut with cover, grams, hard fruits & vegetables.	adlib.,	adlib.,	NIL
41	Sparrow Java	cannery black seeds, kang-cheena, greens	5-10gms	5-10gms	NIL
42	Stork Adjutant	Minced buffalo meat and fish	3-3.5 kgs approx.	3-3.5 kgs approx.	NIL
43	Stork painted	Minced buffalo meat and fish	1.0-1.5 kg approx., adlib.	1.0-1.5 kg approx., adlib.	NIL
44	Stork White Neck	Minced buffalo meat and fish	1.0-1.5kg. approx., adlib.	1.0-1.5kg. approx., adlib.	NIL
45	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	-----	Kohrsoline, 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	-----	Kohrsoline, 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	-----	Kohrsoline, Butox, P.P solution	Every Month

- Bed changes of Herbivores once in a year with mixture of SAND & LIME.
- Disinfection of surrounding visitors path done once a week using phenyl and as and when required.

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	Director of Zoo	Feb 2021	No Zoonotic diseases found
2	Dr. D. P. Solanki	Asst. Zoo Superintendent (On Deputation)	Feb 2021	No Zoonotic diseases found
3	Mr.Bharatsinh.P.Vihol	Education Inspector	Feb 2021	No Zoonotic diseases found
4	Dr. Sharva Shah	Veterinary Doctor (Contract Basis)	Feb 2021	No Zoonotic diseases found
5	Mr.Rakeshkumar C. Patel	Live Stock Inspector (On Deputation)	Feb 2021	No Zoonotic diseases found
6	Mr. Akram Shaikh	Live Stock Inspector (Contract Basis)	Feb 2021	No Zoonotic diseases found
7	Mr. Harshad Bhagora	Live Stock Inspector (Contract Basis)	Feb 2021	No Zoonotic diseases found
8	Mr.Farsuram.B.Patel	Head Animal Keeper (Contract Basis)	Feb 2021	No Zoonotic diseases found

9	Mr.Ranjitsinh.A.Jadeja	As. Head Ani. Keeper (Contract Basis)	Feb 2021	No Zoonotic diseases found
10	Mr. Vinodbhai T. Khaniya	Supervisor	Feb 2021	No Zoonotic diseases found
11	Mr. Pankajbhai P. Nayak	Supervisor	Feb 2021	No Zoonotic diseases found
12	Mr.Zahirabbas Yasinkhan	Animal Keeper	Feb 2021	No Zoonotic diseases found
13	Mr Ganshyamsinh G.	Animal Keeper	Feb 2021	No Zoonotic diseases found
14	Mr Maheubmiya Gulabnabi	Animal Keeper	Feb 2021	No Zoonotic diseases found
15	Mr Dineshbhai Sadrabhai	Animal Keeper	Feb 2021	No Zoonotic diseases found
16	Mr Ayubbhai Usmanbhai	Animal Sec Keeper	Feb 2021	No Zoonotic diseases found
17	Mr Ashok P. Patel	Animal Keeper	Feb 2021	No Zoonotic diseases found
18	Mr Mahendrasinh A Jadeja	Animal Keeper	Feb 2021	No Zoonotic diseases found
19	Mr Saiyadali Ajimuddin	Animal Keeper	Feb 2021	No Zoonotic diseases

				found
20	Mr Mohmadsharif H Qreshi	Animal Keeper	Feb 2021	No Zoonotic diseases found
21	Mr Bhagubhai D.Patel	Animal Keeper	Feb 2021	No Zoonotic diseases found
22	Mr Kiranbhai Naranbhai	Animal Keeper	Feb 2021	No Zoonotic diseases found
23	Mr Rameshbhai Becharbhai	Animal Keeper	Feb 2021	No Zoonotic diseases found
24	Mr Siyaram Babulal	Animal Keeper	Feb 2021	No Zoonotic diseases found
25	Mr Sravanbhai Kanjibhai	Animal Keeper	Feb 2021	No Zoonotic diseases found
26	Mr. Gopalsingh Rajput	Keeper on Contract base	Feb 2021	No Zoonotic diseases found
27	Mr. Rasasingh D.	Keeper on Contract base	Feb 2021	No Zoonotic diseases found
28	Mr. Sameer Abbassi	Keeper on Contract base	Feb 2021	No Zoonotic diseases found
29	Mr. Vikas K.	Keeper on Contract base	Feb 2021	No Zoonotic diseases found
30	Mr. Nilesh D.	Keeper on	Feb 2021	No Zoonotic

		Contract base		diseases found
31	Mr. Subham Dube	Keeper on Contract base	Feb 2021	No Zoonotic diseases found
32	Mr. Vasim A.	Keeper on Contract base	Feb 2021	No Zoonotic diseases found
33	Mr. Salim Y.	Keeper on Contract base	Feb 2021	No Zoonotic diseases found
34	Mr. Jahangir M.	Keeper on Contract base	Feb 2021	No Zoonotic diseases found
35	Mr. Bhupendra B. Rajput	Keeper on Contract base	Feb 2021	No Zoonotic diseases found
36	Mr. Rajendrasinh R. Jadeja	Keeper on Contract base	Feb 2021	No Zoonotic diseases found
37	Mr. Jilani Abbassi	Keeper on Contract base	Feb 2021	No Zoonotic diseases found
38	Mr. Govind K. Chauhan	Keeper on Contract base	Feb 2021	No Zoonotic diseases found
39	Mr. Amarsingh B. Rajput	Keeper on Contract base	Feb 2021	No Zoonotic diseases found
40	Mr. Aarbaj H. Pathan	Keeper on Contract base	Feb 2021	No Zoonotic diseases found

41	Mr. Mehul P. Srimali	Keeper on Contract base	Feb 2021	No Zoonotic diseases found
42	Mr. Vikramsinh P. Rajput	Keeper on Contract base	Feb 2021	No Zoonotic diseases found
43	Mr. Ujefkhan F. Pathan	Keeper on Contract base	Feb 2021	No Zoonotic diseases found
44	Mr. Ranchhodbhai. N Garasiya	Wireman	Feb 2021	No Zoonotic diseases found
45	Mr Firozkhan Hasankhan	Labour	Feb 2021	No Zoonotic diseases found
46	Mr.Dilavarkhan S. Pathan	Labour	Feb 2021	No Zoonotic diseases found
47	Mr Noormahmad Habibbhai	Labour	Feb 2021	No Zoonotic diseases found
48	Mr Jagatsinh Kaharsinh	Labour	Feb 2021	No Zoonotic diseases found
49	Mr. Umesh Vora	Labour	Feb 2021	No Zoonotic diseases found
50	Mr. Rajubhai Chelabhai	Labour	Feb 2021	No Zoonotic diseases found
51	Mr. Prakash Guarde	Labour	Feb 2021	No Zoonotic diseases

				found
52	Mr. Girish Vaghela	Labour	Feb 2021	No Zoonotic diseases found
53	Mr. Naresh Baraiya	Labour	Feb 2021	No Zoonotic diseases found
54	Mr. Kishan Mavji	Labour	Feb 2021	No Zoonotic diseases found
55	Mr Tulsibhai Dahyabhai	Safai Kamdar	Feb 2021	No Zoonotic diseases found
56	Mr. Rajesh Haribhai	Sweeper	Feb 2021	No Zoonotic diseases found
57	Mr. Ramkishor R. Yadav	Sweeper	Feb 2021	No Zoonotic diseases found

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

****Covid -19****

ઝૂના વાઘ-વાઘણ પહેલાં ગૂફામાં ભરાઈ રહેતાં, 4 મહિનાથી રમતના મૂડમાં 7 લાખ વિઝિટર્સ ન આવતાં અમદાવાદી સફેદ વાઘણ, પ્રતાપ, અનન્યા અનલોક

WORLD TIGER DAY
સિટી રિપોર્ટર . અમદાવાદ

1200 સ્કવેર મીટર એરિયામાં પ્રતાપ અને અનન્યા રમતના મૂડમાં છે. એપ્રિલથી જુલાઈ વચ્ચે આવતા 7 લાખ જેટલા મુલાકાતીઓની અવરજવર ન થઈ. હવે તેઓ અનલોક મૂડમાં છે. સામાન્ય દિવસોમાં લોકોથી કંટાળી પ્રતાપ (વાઘ), અનન્યા (વાઘણ) અને સફેદ વાઘણ પોતાની ગુફામાં રહેવાનું વધારે પસંદ કરતા હતાં. પણ હવે તેઓ પાંજરામાં બહારની બાજુએ વધુ રહે છે. વર્લ્ડ ટાઈગર ડે નિમિત્તે સિટી આર.કે. ડાંકરિયા ઝૂ સુપ્રિટેન્ડેન્ટ ડો.આર.કે. ડાંકરિયા વાત કરતાં આમ જણાયું હતું.

30 વર્ષમાં 8 વાઘ-વાઘણ અમદાવાદના મહેમાન રહ્યાં છે
અમદાવાદીઓએ વાઘ જોવો હોય તો ઝૂમાં આવવું પડે. અમદાવાદ ઝૂમાં 30 વર્ષમાં રાજા, સંગીતા અને સીમા સહિત 8 વાઘ-વાઘણ આવી ચૂક્યાં છે. જ્યારે 2008થી અત્યારસુધી પ્રતાપ, અનન્યા અને સફેદ વાઘણે ઝૂને પોતાનું ઘર બનાવ્યું છે. કોરોનાને કારણે લોકો ઘરોમાં છે ત્યારે આ વાઘ-વાઘણો ગુફામાં રહેવાને બદલે ઓપન એરિયામાં ફરે છે. લોકો ન હોવાથી તેઓ મૂડમાં રહે છે.

સફેદ વાઘણ **અનન્યા** **પ્રતાપ**

EDMI NOTE 5 PRO
I DUAL CAMERA

News paper – Divya Bhaskar Dt. 29.07.2020

19. Education and Awareness programmes during the year

Zoo Education Activity:

Ahmedabad Zoo has celebrated Wildlife Week from 1st to 7th Oct 2020, Animal welfare fortnight 14th to 30th January 2021 and World wildlife day on 3rd March 2021 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 – 16

- No. of Adopted Animals – 17
 - Mammals – 05

 - Birds – 06

 - Reptiles - 06

- Income Rs. 3, 28, 400/00

20. Important Events and happenings –



**Kamala Nehru Zoological Garden, Kankaria,
Ahmedabad, Gujarat. 380 008**

13th Animal Keepers Training Programme

Date: 14.02.2021 to 18.02.2021



**13th Animal Keepers
Training Programme**
Date : 14.02.2021 to 18.02.2021
**Kamala Nehru Zoological Garden,
Kankaria, Ahmedabad**

As per the valuable guidance, cooperation and grants of Central Zoo Authority, New Delhi we are conducted 13TH Animal Keepers Training Programme during 14th February 2021 to 18th February 2021 at Kamala Nehru Zoological Garden, Kankaria, Ahmedabad. In this training programme Digital technology helped maximize outreach during pandemic times.



Ahmedabad Zoo has successfully carried out 12 animal keepers training programs previously and trained total 242 Zoo keepers. In this training program participated 30 trainees physically and online from 10 zoos of Gujarat, Rajasthan and Madhya Pradesh. In all, 272 animal keepers have been trained under 13 animal keeper training programs conducted by Ahmedabad Zoo with the help of CZA.





Animal keepers play a very important role in management of zoo and taking care of animals. Therefore, in this 5 day training program keepers were given knowledge at scientific level, using which they can work accordingly with animals their caring, handling, feeding, maintenance and cleanliness of cages, along with the information about diseases found in wild animals and their treatment. All these information was given to the trainees online by experts from Central Zoo Authority, New Delhi, Director of Zoo and physically by Zoo and Wildlife experts, Technical officers and experts; from prestigious institutes such as Veterinary college, Anand, CEPT university, Animal husbandry department of Gujarat state.



Also gave their valuable knowledge regarding the same. Trainees were also given practical knowledge by visiting Indroda Nature Park, Gandhinagar, Sundarvan snake park, Ahmedabad and Different animals sections of Ahmedabad Zoo, to aid in their skills as animal keepers.



Hence, all the knowledge, practical and theory, was imparted to the animal keepers regarding the maintenance of zoo and animal care taking in this 13th Animal keeper training program which will be very useful to them and the thus, the main goal of zoo, which is conservation, Education and Research will be truly achieved



We are very thankful to DIG(HQ) Shri Dr. Sonali Ghosh Madam and other officers of Central Zoo Authority, New Delhi, Dr. R. K. Sahu, Director of Ahmedabad Zoo, Ahmedabad Municipal Corporation (A.M.C.), Reliance Jio team and our whole Ahmedabad Zoo team to make this 13th animal keepers training program successful in this very critical condition.

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 :

******* COVID-19 Pandemic period*******

- 1. Mr. Shreya Hasmukhbhai Chavda,
M. Sc. Zoology Student, School of Science,
Gujarat University,
Ahmedabad.**

**Subject : Comparative behaviour of White Tigress and
Common Tiger.**

- 2. MS. Kaneezfatima Zuberalam Shaikh,
M. Sc. Zoology Student, School of Science,
Gujarat University,
Ahmedabad.**

Subject : Biodiversity of Butterfly Park at Kankaria.

- 3. MS. Bhagyashri Maheshbhai Dutt,
M. Sc. Zoology Student, School of Science,
Gujarat University,
Ahmedabad.**

Subject : Dissertation work on Asiatic Lion.

- 4. MS. Niharika Ramshankar Yadav,
M. Sc. Zoology Student, School of Science,
Gujarat University,
Ahmedabad.**

**Subject : Comparative study of Spoonbill and
Night Heron.**

- 5. Mr. Rushiraj Dev,
B. Arch. Student,
Nirma University,
Ahmedabad.**

Subject : Research thesis on Ahmedabad

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 Chief Wildlife Warden of Gujarat state, Ahmedabad Zoo transferred 16 Male and 30 Female total 46 Spotted Deer to facilities created near Vansda National Park, Gujarat for creating a prey base system.
- As per the permission of Chief Wildlife Warden of Gujarat state, Ahmedabad Zoo are give to 70 birds Under Animal exchange programme to Sardar Patel Zoological Park, Kevadiya, Gujarat on Date. 20.10.2020.

Sr.No.	Name of the species	No.
1	Alexandarine Parakeet	10
2	Comb Duck	10
3	Night Heron	10
4	Budgerigar	30
5	Cockatiel	10
	Total	70

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 Submission of Report to the CWLW / CZA	Action taken	
					Date and Place of rehabilitati on 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.01.04.2020				Births			Acquisition			Disposal			Death			Closing Stock as on Dt.31.03.2021			
			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>	1	1	0	02										1	0	0	0	1	0	01
2	Black Buck	<i>Antilope cervicapra</i>	1	2	0	03										0	2	0	1	0	0	01
3	Cat Jungle	<i>Felis chaus</i>	1	0	0	01													1	0	0	01
4	Civet Common Palm	<i>Paradoxurus Hermaphroditus</i>	4	1	0	05										1	0	0	3	1	0	04
5	Elephant Indian	<i>Elaphus maximus</i>	0	1	0	01													0	1	0	01
6	Jackal	<i>Canis aureus</i>	4	13	0	17										0	1	0	4	12	0	16
7	Langur Common	<i>Semnopithecus entellus</i>	22	8	0	30	0	0	1										2	9	0	31
8	Leopard/Panther	<i>Panthera pardus</i>	4	4	0	08										0	2	0	4	2	0	06
9	Lion Indian	<i>Panthera leo persica</i>	1	2	0	03										0	1	0	1	1	0	02
10	Macaque Bonnet	<i>Macaca radiata</i>	4	1	0	05										1	0	0	3	1	0	04
11	Macaque Rhesus	<i>Macaca mulatta</i>	23	21	0	44	0	0	3							1	0	0	2	21	0	46
12	Otter Common	<i>Lutrogale perspicillata</i>	1	1	0	02													1	1	0	02
13	Porcupine Bengal	<i>Atherurus macrourus</i>	0	0	7	79	0	0	6							1	4	0	0	0	80	80
14	Tiger Bengal	<i>Panthera tigris tigris</i>	1	1	0	02										0	1	0	1	0	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>	7	22	0	29	0	0	5										9	25	0	34
17	Peafowl White	<i>Pavo cristatus</i>	0	0	1	01										0	1	0	0	0	0	00
18	Pigeon Nicobar	<i>Caloenas nicobarica</i>	0	0	2	25	0	0	1							2	0	0	0	0	24	24
19	Spoonbill White	<i>Platalea leucorodia</i>	0	0	3	35	0	0	4										0	0	39	39
20	Vulture White Backed-Bengal	<i>Gyps bengalensis</i>	0	0	6	06										1	0	0	0	0	5	05
21	Kite	<i>Milvus migrans govinda</i>	0	0	1	01													0	0	1	01

22	Cobra Indian	<i>Naja naja</i>	0	0	15										0	0	1	0	0	14	14
23	Crocodile Long Snouted - Gharial	<i>Gavialis gangeticus</i>	0	0	3	03												0	0	3	03
24	Crocodile Marsh	<i>Crocodylus palustris</i>	0	0	9	09												0	0	9	09
25	Crocodile Salt Water	<i>Crocodylus porosus</i>	2	1	0	03												2	1	0	03
26	Monitor Lizards / Common Indian	<i>Varanus bengalensis</i>	2	2	0	04												2	2	0	04
27	Python Indian – Rock	<i>Python molurus</i>	29	24	0	53									2	0	0	27	24	0	51
28	Snake Russels Viper	<i>Daboia russelii</i>	0	0	3	03												0	0	3	03
29	Snake Keelback Checkered	<i>Xenochrophis piscator</i>	0	0	5	05												0	0	5	05
30	Snake Rat /	<i>Ptyas mucosus</i>	0	0	5	05												0	0	5	05
		Total of Endangered Species	107	106	187	400	0	0	20						10	12	01	106	103	188	397

*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.01.04.2020				Births			Acquisition			Disposal			Death			Closing Stock as on Dt.31.03.2021					
			M	F	U	T	M	F	U	M	F	U	M	F	U	M	F	U	M	F	U	T		
1	Deer Hog	<i>Axis porcinus</i>	35	44	0	79	0	0	3									5	2	0	3	4	0	75
2	Deer Sambar	<i>Rusa unicolor</i>	1	6	0	07	1	0	1												3	6	0	09
3	Deer Spotted	<i>Axis axis</i>	58	87	0	145	0	0	22				16	30	0	1	2	0			5	6	0	118
4	Fox Flying	<i>Pteropus giganteus</i>	0	0	12																0	0	12	12
5	Hippopotamus	<i>Hippopotamus amphibius</i>	1	1	0	02															1	1	0	02
6	Hyena Stripped	<i>Hyaena hyaena</i>	0	1	0	01															0	1	0	01
7	Nilgai - Bluebull	<i>Boselaphus tragocamelus</i>	3	8	0	11	0	0	1												4	8	0	12
8	Babbler Common	<i>Turdoides caudatus</i>	0	0	1	01															0	0	1	01
9	Budgeriger	<i>Melopsittacus undulatus</i>	0	0	309				21				0	0	30	0	0	8			0	0	292	292
10	Cassowary	<i>Casuaris casuaris</i>	1	0	0	01															1	0	0	01
11	Cockatiel	<i>Nymphicus</i>	0	0	2	283	0	0	12				0	0	1	1	0	2			0	0	25	259

		<i>hollandicus</i>			8 3									0		5		9		
12	Cockatoo Goffins	<i>Cacatua goffini</i>	0	0	3	03										0	0	3	03	
13	Connure Patagonian	<i>Cyanoliseus patagonus</i>	0	0	1	01										0	0	1	01	
14	Connure Green Cheeked	<i>Pyrrhura molinae molinae</i>	2	2	0	4										2	2	0	04	
15	Connure Yellow Sided	<i>Pyrrhura molinae molinae</i>	2	2	0	4							1	0	0	1	2	0	03	
16	Cormorant Little	<i>Phalacrocorax niger</i>	0	0	1 9	19	0	0	3							0	0	22	22	
17	Crane Crowned	<i>Balearica pavonina</i>	0	2	0	02										0	2	0	02	
18	Dove Rufous Turtle	<i>Streptopelia orientalis</i>	0	0	1 8	18	0	0	1				2	0	0	0	0	17	17	
19	Duck Comb	<i>Sarkidiornis melanotos</i>	0	0	1 8	18	0	0	4			0	0	1	1	1	0	0	10	10
20	Egrets	<i>Egretta garzetta</i>	0	0	1 2	12										0	0	12	12	
21	Emu	<i>Dromaius novaehollandiae</i>	0	0	1 6	16	0	0	3							0	0	19	19	
22	Finches	<i>Chloebia</i>	0	0	4	04	0	0	1							0	0	5	05	
23	Goose Grey leg	<i>Anser anser</i>	0	0	3	03										0	0	3	03	
24	Heron Indian Reef	<i>Egretta gularis</i>	0	0	1	01										0	0	1	01	
25	Heron Night	<i>Nycticorax nycticorax</i>	0	0	5 2	52	0	0	27			0	0	1 0		0	0	69	69	
26	Ibis black	<i>Pseudibis papillosa</i>	0	0	1	01										0	0	1	01	
27	Ibis White	<i>Threskiornis melanocephalus</i>	0	0	3 5	35	0	0	8							0	0	43	43	
28	Koel	<i>Eudynamis scolopacea</i>	0	0	1	01										0	0	1	01	
29	Lorry chattering	<i>Eos rubra</i>	1	1	0	02							1	0	0	0	1	0	01	
30	Love Birds	<i>Agapornis</i>	0	0	1 1 1	111							0	0	2 6	0	0	85	85	
31	Myna Common	<i>Acridotheres tristis</i>	0	0	4	04										0	0	4	04	
32	Parakeet African grey	<i>Psittacus erithacus</i>	0	0	2	02										0	0	2	02	
33	Parakeet Alexandrine	<i>Psittacula eupatria</i>	0	0	5 6	56	0	0	9			0	0	1 0		0	0	55	55	
34	Parakeet Blossom Headed	<i>Psittacula cyanocephala</i>	0	0	9	09							1	1	0	0	0	7	07	
35	Parakeet Rose Breasted	<i>Psittacula alexandri</i>	0	0	1 5	15	0	0	3							0	0	18	18	
36	Parakeet Rose	<i>Psittacula</i>	0	0	8	80	0	0	6							0	0	86	86	

	Ring	<i>krameri</i>			0																
37	Partridge Grey	<i>Francolinus pondicerianus</i>	1	0	0	01												1	0	0	01
38	Pelican Rosy	<i>Pelecanus onocrotalus</i>	0	0	42	42	0	0	6									0	0	48	48
39	Pheasant Golden	<i>Chrysolophus pictus</i>	3	2	0	05							0	1	0			3	1	0	04
40	Pheasant Silver	<i>Lophura nycthemera</i>	2	1	0	03												2	1	0	03
41	Pigeon Crowned	<i>Goura cristata</i>	2	1	0	03												2	1	0	03
42	Pigeon Pied Imperial	<i>Ducula bicolor</i>	1	1	0	02												1	1	0	02
43	Rosella Eastern	<i>Platycercus eximius</i>	0	1	0	01												0	1	0	01
44	Sparrow Java	<i>Padda oryzivora</i>	0	0	30	30							0	0	6			0	0	24	24
45	Stork Adjutant	<i>Leptoptilos dubius</i>	0	0	1	01												0	0	1	01
46	Stork Painted	<i>Mycteria leucocephala</i>	0	0	4	04												0	0	4	04
47	Stork White Neck	<i>Ciconia episcopus</i>	0	0	1	01												0	0	1	01
48	Krait	<i>Bungarus caeruleus</i>	0	0	2	02												0	0	2	02
49	Boa Johns	<i>Eryx johnii</i>	0	0	5	05												0	0	5	05
50	Boa Russels	<i>Gongylophis conicus</i>	0	0	5	05												0	0	5	05
51	Snake Trinket	<i>Coelognathus helena</i>	0	0	1	01												0	0	1	01
52	Tortoise Indian Star	<i>Geochelone elegans</i>	0	0	82	82	0	0	1									0	0	83	83
53	Turtle	<i>Lissemys punctata & Trachemys scripta elegans</i>	0	0	60	60												0	0	60	60
54	Green Anaconda	<i>Eunectes murinus</i>	2	2	0	04												2	2	0	04
		Total of other than Endangered Species	115	162	129	1576	1	0	132				16	30	70	137	065	107	139	1262	1508
		Grand Total	222	268	146	1976	1	0	152				16	30	72	139	166	213	242	1450	1905

27. Mortality of animals

Summary of Death during Apr - 2020 to Mar - 2021 Kamla Nehru Zoological Garden, Kankaria, Ahmedabad.

Sr. No.	Name of Species	Date	No.	Cause of Death
Mammals				
1	Himalayan Black Bear (M)	27/01/21	1	Old age
2	Black Buck (F)	12/07/20	1	Dystocia
3	Black Buck (F)	24/08/20	1	Septicemia
4	Civet Common Palm (1)	02/12/20	1	Old age
5	Jackal (F)	01/08/20	1	Enteritis
6	Leopard Mili (F)	08/09/20	1	Old age
7	Leopard Jaya (F)	24/12/20	1	Old age
8	Asiatic Lioness (F)	14/09/20	1	Cardiac Failure
9	Macaque Bonnet (M)	10/01/21	1	Old age
10	Macaque Rhesus (M)	03/04/20	1	Old age
11	Porcupine Bengal (F)	27/04/20	1	Infighting
12	Porcupine Bengal (F)	07/05/20	1	Rectal Prolapse
13	Porcupine Bengal (F)	18/09/20	1	Old age
14	Porcupine Bengal (F)	11/10/20	1	Senility
15	Porcupine Bengal (M)	07/12/20	1	Old age
16	Bengal Tigress (F)	20/08/20	1	Old age
17	Deer Hog (M)	30/07/20	1	Infighting
18	Deer Hog (F)	08/08/20	1	Old age
19	Deer Hog (F)	19/08/20	1	Old age
20	Deer Hog (M)	14/09/20	1	Septicemia
21	Deer Hog (M)	03/10/20	1	Old age
22	Deer Hog (M)	30/10/20	1	Old age
23	Deer Hog (M)	02/11/20	1	Old age
24	Deer Spotted (F)	19/04/20	1	Old age
25	Deer Spotted (M)	15/06/20	1	Old age
26	Deer Spotted (F)	14/09/20	1	Septicemia
Total Mammals			26	
Birds				
1	Pigeon Nicobar(M)	15/06/20	1	Old age
2	Pigeon Nicobar(M)	12/10/20	1	Old age
3	Budgerigar	Diff Date	8	E. Stress, Enteritis, Old age
4	Cockatiel	Diff Date	26	E. Stress, Enteritis,

				Old age
5	Connure Yellow Sided(M)	10/02/21	1	E. Stress
6	Dove Rufous Turtle(M)	04/12/20	1	Old age
7	Dove Rufous Turtle(M)	31/12/20	1	Old age
8	Duck Comb (F)	19/06/20	1	Old age
9	Duck Comb(M)	29/10/20	1	Senility
10	Chattering Lorry (M)	20/08/20	1	Head Injury
11	Lovebird	Diff Date	26	E. Stress, Enteritis, Old age
12	Parakeet Blossom Headed(M)	02/01/21	1	Old age
13	Parakeet Blossom Headed(F)	25/03/21	1	Egg bound condition
14	Peahen White (F)	17/04/20	1	Old age
15	Golden Pheasant (F)	17/05/20	1	Egg bound condition
16	Sparrow Java	Diff Date	6	E. Stress, Enteritis, Old age
17	Vulture White Backed(M)	27/01/21	1	Old age
	Total Birds		79	
Reptiles				
1	Indian Cobra	07/09/20	1	Old age
2	Indian Python	10/12/20	1	Asphyxia
3	Indian Python (M)	11/02/21	1	Asphyxia
	Total Reptiles		3	
	Grand Total of Animals		108	

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	In process. Education Officer is working in Ahmedabad Zoo on scheduled post.
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	In Process.
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	Implimented
5	10.4(10)	Interpretation facilities should be made interactive.	One year	11/01/21	In Process.
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	Implimented
7	10.5(8)	Schedule of vaccination and deworming should be displayed at the enclosure site.	Immediately	11/01/21	Implimented
8	10.5(10)	Keeper's Diary should be maintained by the concerned Keeper.	Immediately	11/01/21	Implimented
6. Veterinary and infrastructure facility:					
9	10.6(3)	Quarantine facility should be developed.	One year	11/01/21	Under process

10	10.6(3)	A new post-mortem facility should be developed.	One year	11/01/21	construction work is in progress.
11	10.6(5)	Post of the Lab Assistant should be filled.	One year	11/01/21	We are sending samples to Anand Veterinary college and Govt. disease investigation lab, they are 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 all four Veterinary Universities 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	Implimented
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 zoos for 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	CZA has given special permission to continue with this elephant by letter 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 new blood lines and conservation breeding of Nicobar pigeon.

29. List of free living 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	Shikra
11	Indian Peafowl
12	Water Hen white breasted
13	Partridge Grey
14	Blue Rock Pigeon
15	Langur Common
16	Red Turtle Dove
17	Ring Dove
18	Rose-ringed Parakeet
19	Indian Treepie
20	Coppersmith Barbet
21	Indian Cuckoo
22	Asian Koel
23	Crow Pheasant

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