



**DR. Shyamaprasad Mukherjee Zoological Garden**  
**Surat Municipal Corporation**  
**Surat, Gujarat**



DR. SHYMAPRASAD MUKHERJEE ZOOLOGICAL GARDEN,  
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## Annual Report for the Year 2025-26

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## 1. Report of the Officer-in-charge

Dr. Shymaprasad Mukerjee Zoological Garden, Sarthana, Surat is one of the medium Zoos of the country. Established on 26<sup>th</sup> April, 2003 as the first zoological park in the Southern region of the Gujarat State, it has progressively emerged as an eminent and vibrant center for bio diversity conservation and environmental education. As a premier medium zoo of India, it has spearheaded many significant improvements to provide highest standards of housing, husbandry and health care to the captive wild animals and contributed towards enriching our knowledge on the biology of endangered species.

Surat zoo exemplified the inimitable of ex-situ conservation initiatives. The sprawling zoo houses 49 species of mammals, reptiles and birds. The natural forest areas of Sarthana zoo provide home to a rich assemblage of free-living wild animals including 11 species of mammals, 06 species of reptiles, 66 species of birds, 29 species of butterflies. This is one of the most important plant conservation facilities in the Gujarat State. More than 250 species of plants have been documented in the Sarthana zoo premises.

We have completed another outstanding year of biodiversity conservation, zoo management, and education. Sarthana zoo has been an excellent place for eco-tourism which attracted 9,59,968 visitors during the year 2025-26. There was significant improvement in the infrastructure development, animal collection, health care, fodder production and conservation efforts. Many zoo education and awareness program including Celebration of wildlife week, World wildlife day, World Otters Day, World Environment Day, International tiger day, activities under mission life were organized during the year 2025 -2026. Many species of indigenous and exotic animals including Sloth bear, Indian wolf, Smooth Coated Otter, Spotted deer, Alexandrine Parakeet, etc. have breed successfully in the Zoo during the year. During the year 2025-26 main entry gate redeveloped and it opened for visitors, civil repair and maintenance work is undertaken in zoo. This year 2024-25 redevelopment work of two pond and reptile park is undertaken.

During this financial year we have welcomed pair of White Peafowl ( 1 Male : 0 Female), Sambar( 0 Male : 2 Female) in exchange of Hippopotamus ( 0 Male : 1 Female) White Peafowl ( 1 Male : 0 Female), Sambar( 1 Male : 1 Female) and We welcomed Eld's Deer (Brow-antlered Deer) ( 2 Male : 3 Female) , Green-Cheeked conure ( 2 Male : 2 Female) and Blue and yellow macaw ( 1 Male : 1 Female) in exchange of Smooth Coated otter ( 1 Male : 1 Female) Indian Star Tortoise ( 5 Male : 5 Female) from Delhi Zoo, We also welcomed Indian wolf ( 0 Male : 2 Female), Antelope four horned ( 1 Male : 2 Female) , Indian jackal ( 2 Male : 3 Female), Bengal tiger ( 1 Male : 1 Female), Indian muntjac ( 0 Male : 2 Female) in exchange of Smooth Coated otter ( 2 Male : 3 Female), Indian star tortoise ( 5 Male : 5 Female), Silver pheasant ( 1 Male : 1Female).

There has been a substantial improvement in the field of health care during the year. This was possible due to sincere efforts by our staff in order to maintain highest standards of health care and animal husbandry practices and close association with college of Veterinary

Sciences, Anand and Navsari and also with the valuable advice and guidance of the Nandini Veterinary Hospital, Surat and faculty members of above colleges on important health care issues. During this financial year Vet. Auto blood Cell Counter Machine procure by Zoo will further help in quick diagnosis of disease.

Surat Zoo has always been an outstanding center for education on various aspects of ex-situ conservation, health care and management of captive wild animals. Student from South Gujarat University has given permission for dissertation work on various wild life topic.

Information on various aspects of management and development of Dr Shymaprasad Mukherjee Zoological Garden, Surat during the year 2025-26 has been provided in the present Annual Report. I would like to thank all my staff for their hard work and dedication that made it a successful year in the maintenance and development of Dr. Shymaprasad Mukharjee Zoological Garden, Surat. I believe that Surat Zoo will continue to grow as a world class zoo and to contribute significantly in the field of wildlife conservation, education and research in coming years.



Zoo Superintendent  
Dr. Shymaprasad Mukerjee Zoological Garden  
Sarhana, Surat, Gujarat State

## **2. History of the Zoo**

Dr. Shyamasprasad Mukherjee Zoological Garden, Sarthana, Surat is one of the premier medium Zoo located amidst a beautiful natural setting recognized by Central Zoo Authority, Government of India. Unlike conventional zoos, it spreads over in 81 acres of land with natural vegetation , water bodies and enchanting landscape that provides the zoo inhabitants an appropriate ambience to live in harmony with the nature. It was dedicated to the public on April, 2003. Total 9,59,968 visitors visited the Zoological Park during 2024-25. Most of the animals of Dr. Shyamaprasad Mukharjee Zoological Garden, Surat housed in open, large moated areas surrounded by natural vegetation. This gives them a feeling of living close to their natural habitat.

## **3. Vision**

To complement and strengthen the national efforts in conservation of the biodiversity of the country, particularly the fauna through the ex-situ conservation linked with in-situ practices through

- Fostering sound physical, psychological and social development for the animals in our care.
- Creating an educational environment for all sectors, groups and individuals that develops a unifying bond between our visitors and the animals which inspires appreciation and concern about wildlife and wild places.
- Contributing to worldwide animal management, conservation and research efforts. Improving the quality of our professional development, administration and operating environment.

## **4. Mission**

To connect visitors and animals through exemplary animal welfare and care, best educational and inspirational experiences, fostering public appreciation and support for wild animals and conservation" To provide better upkeep and veterinary care to the wild animal housed in zoos in India to ensure their conservation through best practices of management and bringing education & awareness among the people.

## **5. Objective**

- To convey the value of conservation through education.
- Captive breeding of endangered species mainly Smooth Coated Indian Otter, Sloth Bear, Indian Grey Wolf, Hog Deer.
- To inspire local and global communities to protect, conserve, and celebrate wildlife.
- To provide a fun, unique, and inspirational experience fostering appreciation, knowledge and care for the natural world.
- To ensure thriving as a premier zoological institution, reaching its fullest potential to serve people, animals and the environment.

## 6. About us

S.No.	Particulars	Information
<b>Basic information about the Zoo</b>		
1.	Name of the Zoo	Dr.Shyamaprasad Mukherjee Zoological Garden
2.	Year Of Establishment	2003
3.	Address Of the Zoo	Opposite Old Sarthana Octroi Naka, Sarthana, Surat- Kamrej Road, Surat-395006
4.	State	Gujarat
5.	Telephone Number	+91 6359905032 +91 6359905033
6.	Fax Number	0261-2451935, 2422110
7.	E-mail address	zoosuperintendent@suratmunicipal.org smczoodrrap@yahoo.com commissioner@suratmunicipal.org commissioner@suratmunicipal.gov.in
8.	Website	www.suratmunicipal.gov.in www.suratmunicipal.org
9.	Distance from nearest	Airport : Surat - 23 Kms
		Railway Station : Surat - 7 Kms
		Bus Stand : Surat - 7 Kms
		BRTS : 100 Mtr.
10.	Recognition Valid upto (Date)	22 <sup>nd</sup> December, 2024
11.	Category of Zoo	Medium
12.	Area (in Hectares)	32.78 Hectares
13.	Number of Visitors (Financial Year)	Adult : Zoo : 724332 Butterfly park : 18935
		Children : Zoo : 165440 Butterfly Park : 3565
		Total Indian : 927959
		Total Foreigners : 74
		<b>Total Visitors : 928033</b>
14.	Visitor's Facilities Available in Zoo	Parking, Toilets, Water huts, Wheel Chair, Canteen / Cafeteria, Battery operated vehicle
15.	Weekly Closure Day of the Zoo	Monday
<b>Management Personnel of the Zoo</b>		
16.	Name with designation of the Officer incharge	Dr. Rajesh A. Patel I/C.Zoo Superintendent
	Name of the Veterinary Officer	Dr. Rajesh A. Patel Assistant Vet. Officer
	Name of the Curator	-- (Vacant)
	Name of the Biologist	-- (Vacant )
	Name of the Education officer	Instead of the Education Officer there is a two post of Zoo Guide in the zoo 1. Shri Hina C. Patel 2. Vacant

17.	Name of the Operator	Municipal Commissioner (Surat Municipal Corporation)
18.	Address of the Operator	Gordhandas Chokhawala Marg, Mugalsarai, Surat-395003
19.	Contact details / Phone number of Operator	0261- 2422244 (D), 0261-2423750 to 2423756 &0261-2422285 to 2422287
20.	E-mail address of Operator	commissioner@suratmunicipal.org commissioner@suratmunicipal.gov.in

### SALIENT FEATURES OF SARTHANA ZOO, SURAT

Area	Dr. Shyamaprasad Mukhrjee Zoological Garden	32.78 hacter (81 acre)
Captive animals as on 31.03.2026	Mammals	24
	Birds	28
	Reptiles	05
	Total	57
No. of animal House	Nos. 490(covered - 278, Open moated -212)	
Zoo holiday	Every Monday, and on the eve of Dhuleti, Muharram and Anant chaudash ( Ganesh Vishrjan)	
Zoo timing	for visitors	10.00 am. to 5.00 pm.
Animal feeding time	Carnivores	11.00am. to 1.00 pm. (Except Monday)
	Reptile	11.00am. to 1.00 pm.
	Birds	11.00am. to 1.00 pm.
	Herbivores	11.00am. to 1.00 pm. &4.00 pm. to5.00 pm.

### VISITORS' AMENITIES

- Drinking water kiosks with water cooler and R.O. System
- Toilets at convenient locations
- Special toilets, wheel chairs and ramps for Handicapped and physically disable persons
- Rest areas, sit-outs / visitors sheds at various location
- Restaurant and snacks bar
- Cloak room near the entrance gate
- First aid (at zoo hospital and main gate entrance)
- Guide maps, informative and directional signage.
- Battery operated vehicles for visitors.
- lap room for baby feeding.
- 
- **SPECIAL ATTRACTION OF SARTHANA ZOOS**

Butterfly garden and insect kingdom

Wildlife interpretation center with nocturnal house Light and Sound show.

Digitalized payment and issuing facility for entry ticket and facilities of online ticket booking.

### **OTHER SERVICES OF THE ZOO**

1. Interactive education and awareness program.
2. Conduct guided tour for school children.
3. Availability of zoo guided tour on demand of visitor's / School child visiting in group.

### **GENERAL INFORMATION FOR VISITORS**

**Entry Hours : 10.00 A.M. (Morning) to 5.00 P.M. (Evening)**

**Zoo remain closed on every Monday**

#### **Entry Charges (Per Head)Entry Fee**

1.	An Individual above 12 years of age	Rs. 30.00
2.	Children age 3 to 12 years and senior citizens age 65 years and above.	Rs. 20.00
3.	Children below 3 years	Free
4.	Visiting students of Education institutes (Primary to Secondary Schools) & senior citizen	Rs. 10.00
5.	School & Institutes related with WWF or nature group activities and for the college students doing research on wild life and jungles.	Rs.10.00
6.	For the persons from Women protection centre, Orphanages, Institutions fir disabled & mentally retarded and juvenile homes.	Free
7.	Foreigners.	Rs.200.00
8.	Foreigner's children (age 3 to 12 Years)	Rs.100.00

#### **Photography charges :**

1.	Still Camera (Per day)	Rs.50.00
2.	Personal domestic video camera(Per day)	Rs. 150.00
3.	Professional camera/video (Per day) [Prior approval of competent authority is required, for shooting the wildlife and natural view in the premises of the Nature Park.	Rs.5000.00

### **BUTTERFLY GARDEN, INSECT KINGDOM AND WILDLIFE INTERPRETATION CENTER**

General Information :

Visiting Hour's : 10.00 A.M to 5.00 P.M.

Zoo and Butterfly Garden remains closed on every Monday on eve of Dhuleti, Mahoram, and anat chaudas.

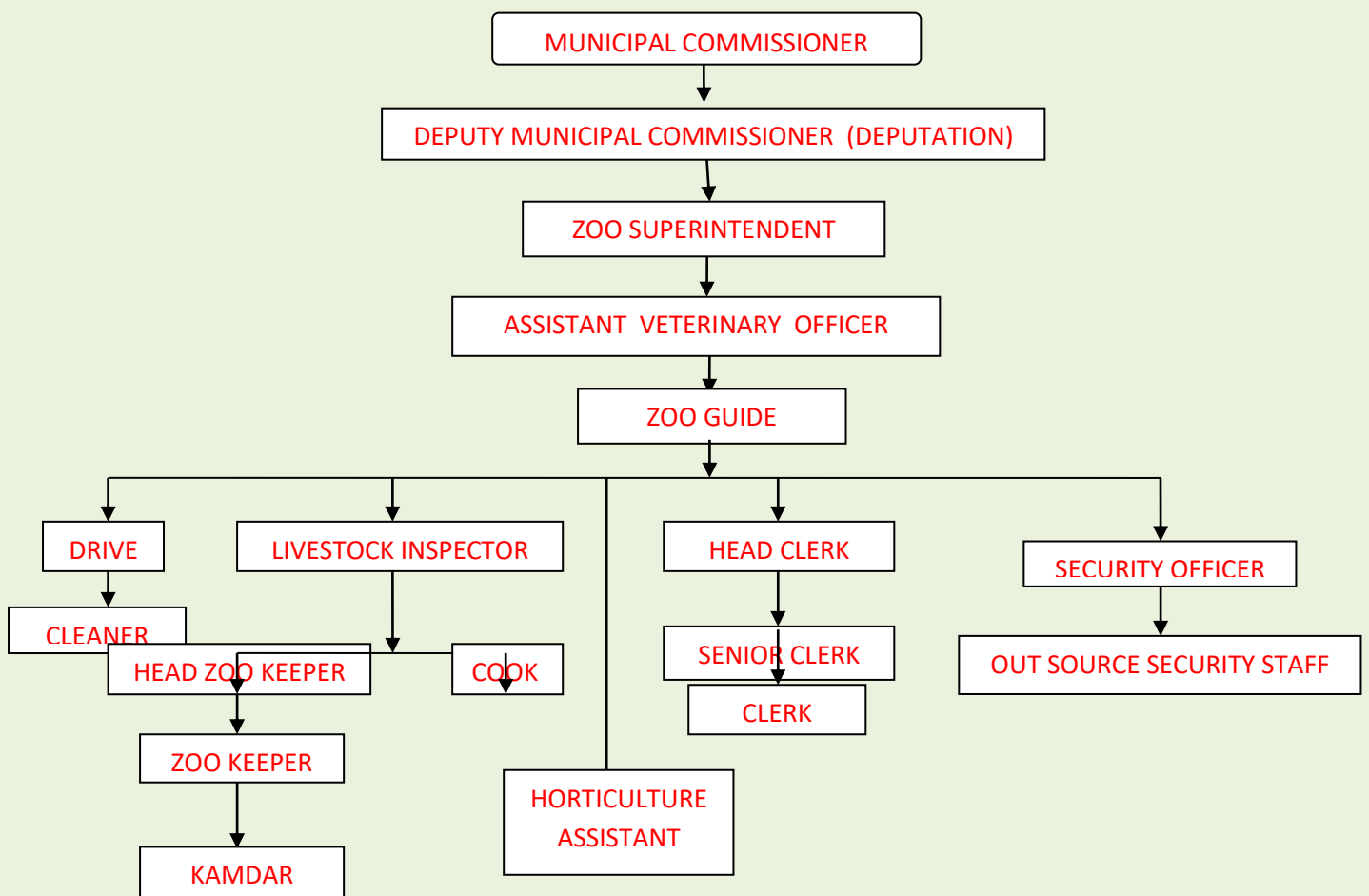
#### **Entry Charges (per Head)**

1.	Adult	Rs.20.00
2.	Children (age 5 to 12 years)	10.00
3.	Children Below 5 years.	Free
4.	Person from Women protection centre, Orphanages, Institution for disabled & mentally retarded and juvenile homes. Best time to watch Butterfly from 10.00 A.M to 3.00 P.M	Free

## 7. Organization Chart



### Surat Municipal Corporation Dr. Shyamaprasad Mukherjee Zoologica Garden



## 8. Human Resources

Sr. No.	Designation	Number Of Sanctioned Posts	Names of the incumbent
1	Zoo Superintendent	01	Dr. Rajesh A. Patel (Incharge)
2	Assistant Veterinary Officer	01	Dr. Rajesh A. Patel
3	Zoo Guide/ Biologist	02	Smt. Hina C. Patel + 01 Vacant
4	Security Officer	01	Vacant
5	Curator ( Educator & Research)	01	Vacant
6	First Grade Clerk	01	Vacant
7	Second Grade Clerk	01	Aljibhai Khakhadia
8	Laboratory Technician	01	Vacant
9	Live Stock Inspector	01+01( on loan)	Pritesh Navinlal Patel Ravindra R.Darbar (on loan)
10	Head Zoo Keeper	01	Mahendra R. Valhe
11	Third Grade Clerk	03	Pratik Y.Tailor Dhaval N.Chanakya Vipul A.Patel Jagruti Chauhan Dharmendrasingh Chavda
12	Horticulture Assistant	01	Tejas S. Patel
13	Driver	01	Mahesh I. Patel
14	Mukadam	01	Vacant
15	Zoo Keeper	15	10 Filled up and 05 post are vacant, which will be filled up as per the requirement of department.
16	Peon	04	Chirag D. Patel Ashok Rathod + 02 Vacant
17	Beldar	24	All are filled
18	Zoo Sevak	01	Vacant
19	Cook	01	Balvant M. Parmar
20	Cleaner	01	Sunil I. Solanki
21	Safai kamdar	02	03 Filled

### 9. Capacity Building of Zoo personnel

Sr. No.	Name and designation of the zoo personnel	Subject matter of Training	Period of Training	Name of the Institution where the Training attended
1	Dr.Rajeshkumar A. Patel	Introduction to Conservation Medicine	Dt.18/08/2025 to Dt.20/08/2025	Greens Zoological, Rescue and rehabilitation Centre

### 10. Zoo Advisory Committee

- a. Date of Constitution : Not in existence
- b. Member : Not applicable
- c. Date on which Meeting held during the year : NA

### 11. Health advisory Committee

- a. Date of Constitution : 22 / 03 / 2004
- b. Member : 3
- c. Date on which Meeting held during the year: Visit/Meeting not held since last 10 years

## 12. Statement of income and expenditure of the Zoo

### Income of Zoo during the 2025-2026

Sr.No.	Particulars	Income ( Rs.)
1	Zoo entry fees	25361110.00
2	Butterfly park entry fees	412850.00
3	Canteen / cafeteria rent	0.00
4	Animal adoption income	17000.00
5	Income from parking contract	0.00
6	Tender fees / Other miscellanies income	615540.00
7	Battery operated passenger vehicle income	462717.00
<b>Total Income</b>		<b>26869227.00</b>

### Expenditure of Zoo during the 2025-2026

Sr. No.	Particulars	Amount
1	Zoo staff Salary	30040470.39
2	Feed cost of animals	12091011.00
3	Medicine cost	81795.00
4	Security	5154458.88
5	Electricity	1703586.00
6	Miscellaneous	631020.00
7	Garden and butterfly park maintenance	2183645.00
<b>Total Expenditure</b>		<b>50084846.47</b>

## 13. Daily diet schedule chart of animals

Sr. No	Species	feed item	Quantity		Day of Fasting
			Winter	Summer	
1	Antelope Four horned	Green fodder + Concentrate	1.5Kg + 50gm	1.5Kg + 50gm	Nil
2	Antelope Black buck	Green fodder + Concentrate	2.0 Kg + 100 gm	2.0 Kg + 100 gm	Nil
3	Antelope Black buck (White)	Green fodder + Concentrate	2.0 Kg + 100 gm	2.0 Kg + 100 gm	Nil
4	Sloth Bear	Milk + Rice +Boiled Egg + Seasonal Green vegetable & fruits + Roti + Honey	1.5lit+400gm+1+3.0 kg+1+50gm	1.5lit+300gm+1+2.0 kg+1+50gm	Monday for milk and Rice
5	Himalayan	Milk + Rice +Boiled	1.5lit+500gm+2	1.5lit+400gm+	Monday for

	Black Bear	Egg + Seasonal Green vegetable & fruits + Roti + Honey	+4.0 kg+1+75gm	2+3.0 kg+1+75gm	milk and Rice
6	Jackal	Beef	1.0 kg	750 gm	Monday
7	Monkey Rhesus	Sprouted legume grains+ Seasonal Green vegetable & fruits	500 gm	500 gm	Nil
8	Leopard	Beef	3.5 kg	3.0 kg	Monday
9	Asiatic lion	Beef	10 kg.	8.0 kg.	Monday
10	Porcupine	Sprouted legume grains +seasonal green vegetable and fruits	1.0 kg.	1.0 kg	Nil
11	Tiger / White Tiger	Beef	10 kg	8 kg	Monday
12	Smooth coated Otter	Fish	1.5 kg	1.4 kg	Nil
13	Mouse Deer	Green fodder+Green leafy vegetables +Seasonal fruits	250 gm	200 gm	Nil
14	Crocodile Marsh	Beef	1 kg / week	1.5 kg / week	--
15	Crocodile Siamese	Beef	1 kg / week	1.5 kg / week	--
16	Tortoise	Mix Green Vegetable+Sproutd Leguminous grains Roots	100gm	100 gm	Nil
17	Gharial	fish	2.5 kg / week	2.5 kg / week	--
18	Indian Rock python	Rabbit / Gunea pig	3.0 kg monthly	3.0 kg fort nightly	--
19	Crane Saras	Boiled Rice + fish + Cereals grains	100 gm + 500gm	100 gm + 500gm	Nil
20	White Peafowl	Grains +Gramms+ Green Leafy Vegetable+Cabbage	200 gm	200 gm	Nil
21	Indian Peafowl	Grains +cabbage +Gramms+green palak	200 gm	200 gm	Nil
22	Night heron	Small Fish	150 gm	150 gm	Nil
23	Spoon bill	Small Fish	150 gm	150 gm	Nil
24	White ibis	Small Fish	150 gm	150 gm	Nil
25	Black kite	Beef (Minced)	50 gm	50gm	Nil
26	Alexandrine parakeet	Seasonal fruits + milk + bread	50 gm + 25 gm	50 gm + 25 gm	Nil
27	Cockatiel	maize + grains	5-10 gm	5-10 gm	Nil

28	Cockatoo (Umbrella)	seasonal fruits + milk + bread + sunflowers seed	100 gm + 50 gm	100 gm + 50 gm	Nil
29	Military Macaw	seasonal fruits + milk + bread + Mix seed Feed	100 gm + 50 gm + 50 gm	100 gm + 50 gm + 50 gm	Nil
30	Blue and Yellow Macaw	seasonal fruits + milk + bread + Mix seed Feed	100 gm + 50 gm + 50 gm	100 gm + 50 gm + 50 gm	Nil
31	Green winged Macaw	seasonal fruits + milk + bread + Mix seed Feed	100 gm + 50 gm + 50 gm	100 gm + 50 gm + 50 gm	Nil
32	Emu	poultry layer mash	600 gm	600 gm	Nil
33	Lorrikeet Rainbow	seasonal fruits + milk + bread	50 gm + 25 gm	50 gm + 25 gm	Nil
34	Lorrikeet Red	seasonal fruits + milk + bread	50 gm + 25 gm	50 gm + 25 gm	Nil
35	Parrakeet African Grey	seasonal fruits + milk + bread + sunflower seed	100 gm + 50 gm	100 gm + 50 gm	Nil
36	Pelican Rosey	Fish	1.5 kg	1.5 kg	Nil
37	LadyAmherst's Pheasant	grains + layer mash + milk + bread	25 gm +5gm + 25 gm	25 gm + 25gm + 25 gm	Nil
38	Silver Pheasant	grains + layer mash + milk + bread	25 gm +5gm + 25 gm	25 gm + 25gm + 25 gm	Nil
39	Conure	seasonal fruits + milk + bread	50 gm + 25 gm	50 gm + 25 gm	Nil
40	Golden Pheasant	grains + layer mash + milk + bread	25 gm +5gm + 25 gm	25 gm + 25gm + 25 gm	Nil
41	Ostrich	layermash+green fodder +lucern	2.0-2.5 kg	2.0 -2.5kg	Nil
42	Deer Hog	Green Grass + Concentrate	2.5 Kg + 100 gm	2.5 Kg + 100 gm	Nil
43	Deer Samber	Green Grass + Concentrate	10 Kg + 300 gm	10 Kg + 300 gm	Nil
44	Deer Spotted	Green Grass + Concentrate	2.5 Kg + 100 gm	2.5 Kg + 100 gm	Nil
45	Hynae	Beef	2.0 kg	2.0 kg	Monday
46	Hippopotamus	Green fodder+Concentrate + potato + banana	45kg+2.0kg+3.0 kg+2.0kg	45kg+2.0kg+3.0kg+2.0kg	Nil
47	Nilgai	Green Grass + Concentrate	8 Kg + 200 gm	8 Kg + 200 gm	Nil
48	Black Swan	Green leafy spinch+ grains+poulty feed+ small fish	400 gm	400 gm	Nil
49	Indian Grey	Beef	2.0 kg	2.0 kg	Monday

	Wolf				
50	Barking Deer	Green fodder + Concentrate	1.5Kg + 50gm	1.5Kg + 50gm	Nil
51	Eld's Deer (Brow-antlered Deer)	Green Grass + Concentrate	8 Kg + 200 gm	8 Kg + 200 gm	Nil

#### 14. Vaccination Schedule of animals

Sr. No.	Species	Disease vaccinated for	Name of the Vaccine and dosage / Quantity used	periodicity	Remarks
1	Tiger Leopard (felines)	Canine leptospira, Parvo, Para influenza,	Canigen-DHHPPi-Lepto 1 dose	Yearly	
		Rabies	Nobivac-R 1 dose	Yearly	
		Panleukopenia virus, Calci virus, Herpes virus, Rabies	Biofel-PCHR 1 dose	Yearly	
		Ferret distemper vaccine	Puravax Ferret Vaccine (Live canary pox vector) 1 dose	Yearly started from Sept-2023	
2	Bears (Sloth bear & Himalayan Black bear)	Canine leptospira, Parvo, Para influenza,	Canigen-DHHPPi-Lepto 1 dose	Yearly	
		Rabies	Nobivac-R 1 dose	Yearly	
3	Hyena, Jackal (Canine), Wolf	Canine leptospira, Parvo, Para influenza,	Canigen-DHHPPi-Lepto 1 dose	Yearly	
		Rabies	Nobivac-R 1 dose	Yearly	

#### 15. Deworming Schedule of animals

Sr. No.	Species	Drugs used	Months
1	Felines (Tiger, Leopard)	Fenbandazole Albendazole Ivermectin	April-2025 July-2025 December-2025
2	Canines (Hyena, Jackal, Otter,)	Fenbandazole Albendazole Ivermectin	April-2025 July-2025 December-2025
3	Omnivorous (Bears)	Fenbandazole Albendazole Ivermectin	April-2025 July-2025 December-2025

4	Herbivorous(All Deers)	Fenbandazole Albendazole Ivermectin	April-2025 July-2025 December-2025
5	Hippopotamus,	Fenbandazole Albendazole Ivermectin	April-2025 July-2025 December-2025
6	Birds (All Parakeet,lorrikeet,water birds,Peafowl,Phesants, pelican, etc.)	Fenbandazole Albendazole Ivermectin	April-2025 July-2025 December-2025
7	Reptiles (python)	Fenbandazole Albendazole Ivermectin	April-2025 July-2025 December-2025
8	Monkey	Fenbandazole Albendazole Ivermectin	April-2025 July-2025 December-2025

### 16. Disinfection Schedule

Sr. No.	Species	Type of enclosure	Disinfectant used and method	Frequency of disinfection
1	Felines (tiger,Leopard)	Open moated with night shelter	Kohrsoline-Th / Chlorine dioxide	every fortnightly in night shelter
2	Canines (Hyena,Jackal,Otter, Wolf )	Open moated with night shelter	Kohrsoline-Th / Chlorine dioxide	every fortnightly in night shelter
3	Omnivorous (Bears)	Open moated with night shelter	Kohrsoline-Th / Chlorine dioxide	every fortnightly in night shelter
4	Herbivorous(All deers)	Open moatedwith night shelter	quick lime dust and sometime NaOH solution spray	one in three months or as an when needed
5	Hippopotamus,	Open moatedwith night shelter	Calcium Hypochloride powder	every 15-21 days
6	Birds (All Parakeet,lorikeet,water birds,Peafowl,Pheasants, pelican, etc.)	Cage type aviary	Kohrsoline-Th / Chlorine dioxide	every fortnightly
7	Reptiles (python)	Cage type	Kohrsoline-Th	every fortnightly
8	Monkey	Open moatedwith night shelter	Kohrsoline-Th / Chlorine dioxide	every fortnightly

We have started disinfecting the Vegetable and Non Vegetable food (chicken, beef, and fish) offered to All Zoo animals by washing with chlorine dioxide solution.

### **17. Health Check-up of Employees for Zoonotic disease.**

- Surat Municipal corporation give Facility of Medical treatment free of cost to the employees who met with accidents on duty.
- Group Personal Accidental Insurance coverage given to staff working with wild animals.
- Annual Medical Check-up of all the employees for T.B. and regular annual booster Rabies vaccination is carried out .

### **18. Development works carried out in the Zoo during the year**

- Visitors walkway and zoo roads repaired.
- Construction of She lounge for the Female visitors
- Repair and maintenance of old cages.
- Construction of new boundary wall instead of old damage tilted boundary wall
- Redevelopment and beautification of Water bodies in the zoo undertaken by Zone department.

### **19. Education and Awareness programme during the year**

World Environment Day On 5th June Zoo celebrates World Environment Day by conducting various programs such as Tree plantation by visitors ,School children and one of the well known organization and N.G.O. More than 10000 trees were plant as a concept of Miyawaki forest . There was a small lecture on water conservation, environment, wildlife etc. for student, campaigns like anti-plastic drive. Every year 'Wild life week' is being celebrated at the Zoo from 2<sup>nd</sup> to 8<sup>th</sup> October. As a part of the Celebration, exhibition on wild life photograph , various educational materials and instruments used for treatment of wild animals and birds . Zoo conducted many activities like drawing competitions for School Children of different age. Zoo also conducting lecture on wild- life and wild- life conservation for School and college students. Zoo also conducting lecture for Collage Student on Role Of Zoo in conservation of Wild Life, All brief about Central Zoo Authority and all about health care management of zoo animals and birds. During Wild life week 7 days the students between 1st standard and 7th Standard and college student studying in animal science and veterinary science were given free entry. Zoo is organizing several competitions and attractive prizes and certificates are given to the winners.

### **20. Important Events and happenings**

- World Environment day Tree plantation programme in Zoo Premises
- World Tiger day.
- World Otters day
- Wildlife Week celebration during the 2nd October to 08th October.

## **21. Seasonal special arrangement for upkeep of animals**

- SUMMER MANAGEMENT usually the animals are under severe stress during summer. In order to improve the comfort level, heat relief measures like air cooler installation were undertaken during last summer. • All deer enclosures were provided with new resting sheds. • Sprinkling/ flogger of water/cooler were arranged in enclosures housing tiger, leopard, Himalayan bear, ostrich & aviary section • Special dietary arrangements were made for primates, bears, and birds to keep them at ease. • Shade green nets for cutting off sunlight are provided at aviaries, Ostrich and White tiger enclosures.
- WINTER MANAGEMENT During winter, electric heater has been installed in tiger, leopard, Hyena, Himalayan bear, electric lamps arrangement provided in each cages of the bird aviary for warmth during night chilling hour, wood fire in deer cages arrange.
- During monsoon, in heavy rain condition night shelter entry kept open throughout the day, so animal may go to the shaded area to protect himself from direct exposure from heavy rain.

## **22. Research Work carried out and publications:**

During this year with the collaboration of Veer Narmad South Gujarat University, Surat Eleven students of M.Sc. , Zoology Department have undertaken research work on different subjects of Zoo.

During this year student of three different college of Surat district had successfully completed their 120 hours' internship with our Zoo.

## **23. Conservation Breeding programme of the Zoo**

Zoo has achieve great success of captive breeding of Smooth - coated Otter, This year total 17 number of pups born at our Zoo which is highest Nos. of puppies bred in single year till date. Keeping in mind our field experience and behavioral study of species chance of severe infighting of animals with alpha male and alpha female or within two alpha female Within group on attaining puberty age. Surat Zoo has created off exhibit breeding / Quarantine enclosure facilities within zoo premises. where we have kept separate pair of otter in total six separate enclosure for breeding and as a result this year we will have good number of puppy from captive breeding of this species. First time In the History of captive breeding of Otter in Surat zoo 17 puppies borne successfully reared.

Zoo has also successfully breed Smooth coated otter, Hog deer, Spotted Deer, Painted stork, Night Heron, Alexandrine Parakeet, Black buck, Black buck leucistic , Eld's Deer in the captivity.

## 24. Animal acquisition / transfer / exchange during the year

A.	Animals arriving in the Zoo				
	H. No.	species	Number (M:F)	From which Zoo	Date of arrival in the Zoo
	1	Green Cheeked Conure	2 : 2	Delhi Zoo	14/08/2025
	2	Blue And Yellow Macow	1 : 1	Delhi Zoo	14/08/2025
	3	Brow-antlered Deer	3 : 2	Delhi Zoo	14/08/2025
	4	White Peafowl	1 : 0	Indore Zoo	16/09/2025
	5	Sambar Deer	0 : 2	Indore Zoo	11/10/2025
	6	Royal Bengal Tiger	1 : 0	Indore Zoo	11/10/2025
	7	Barking Deer	2 : 2	Bhubaneswar Zoo	06/12/2025
	8	Indian Jackal	2 : 3	Bhubaneswar Zoo	06/12/2025
	9	Barking deer	0 : 2	Bhubaneswar Zoo	06/12/2025
	10	Four Horned Antelope	1 : 2	Bhubaneswar Zoo	06/12/2025
	11	Indian Grey Wolf	0 : 2	Bhubaneswar Zoo	11/01/2026
	12	Royal Bengal Tiger	1 : 1	Bhubaneswar Zoo	11/01/2026
B.	Animals going from the Zoo				
	H. No.	species	Number (M:F)	To which Zoo	Date of disposal from the Zoo
	1	Smooth Coated otter	1 : 1	Delhi Zoo	14/08/2025
	2	Indian Star Tortoise	5 : 5	Delhi Zoo	14/08/2025
	3	Hippopotamus	0 : 1	Indore Zoo	16/09/2025
	4	White Peafowl	1 : 0	Indore Zoo	10/11/2025
	5	Sambar Deer	1 : 1	Indore Zoo	10/11/2025
	6	Smooth Coated otter	3 : 2	Bhubaneswar Zoo	05/12/2025
	7	Indian Grey Wolf	2 : 0	Bhubaneswar Zoo	05/12/2025
	8	Silver Pheasant	1 : 1	Bhubaneswar Zoo	05/12/2025
	9	Indian Star Tortoise	5 : 5	Bhubaneswar Zoo	05/12/2025

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

Sr. No.	Date of Rescue	Species with number of animals release with their sex (M:F:U:T)	Received from	Date of Submission of Report to the CWLW / CZA	Action Taken	
	Species	Number (M:F:U)			Date and Place of rehabilitation in their habitat	Reasons for housing in the Zoo if not released in their habitat
1	Western Hanuman Langur	2 : 0 : 0		05/08/2025	RELEASE IN WILD AS PER DCF LETTER NO 90/25-26 DT 15/7/2025 Mandvi range forest	-
2	Rhesusmacaque	1 : 5 : 5		05/08/2025		

## 26. Annual Inventory of animals

### FORM-II [See rule 11 (1)]

#### PART - A Dr. Shyamaprasad Mukharjee Zoological Garden, Surat, Gujarat

##### Proforma for Annual Inventory Report

Inventory Report for the Year : 2025-2026

Endangered Species\*

- Modified Closing Balance

S.No.	Animal Name	Scientific Name	Opening Stock (01-Apr-2025)				Births			Acquisitions			Disposals			Deaths			Closing Stock (31-Mar-2026)				
			M	F	U	T	M	F	U	M	F	U	M	F	U	M	F	U	M	F	U	T	
<b>Aves</b>																							
1.	Indian Spot-billed Duck	<i>Anas poecilorhyncha</i>	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	
2.	Sarus Crane	<i>Antigone antigone</i>	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	
3.	Black Kite	<i>Milvus migrans</i>	0	0	3	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	3	
4.	Painted Stork	<i>Mycteria leucocephala</i>	3	3	4	10	0	0	2	0	0	0	0	0	0	0	0	0	0	3	3	6	12
5.	Black-crowned Night Heron	<i>Nycticorax nycticorax</i>	5	5	4	14	0	0	2	0	0	0	0	0	0	0	0	0	5	5	6	16	
6.	Peafowl (leucistic)	<i>Pavo cristatus</i>	1	3	0	4	0	0	0	1	0	0	1	0	0	0	1	0	1	2	0	3	
7.	Indian Peafowl	<i>Pavo cristatus</i>	3	3	4	10	0	0	0	0	0	0	0	0	1	0	0	2	3	4	9		
8.	Great White Pelican	<i>Pelecanus onocrotalus</i>	2	2	0	4	0	0	0	0	0	0	0	0	0	0	0	2	2	0	4		
9.	Eurasian Spoonbill	<i>Platalea leucorodia</i>	1	0	1	2	0	0	0	0	0	0	0	0	0	0	0	1	0	1	2		


S.No.	Animal Name	Scientific Name	Opening Stock (01-Apr-2025)				Births			Acquisitions			Disposals			Deaths			Closing Stock (31-Mar-2026)			
			M	F	U	T	M	F	U	M	F	U	M	F	U	M	F	U	M	F	U	T
10.	Plum-headed Parakeet	<i>Psittacula cyanocephala</i>	2	1	0	3	0	0	0	0	0	0	0	0	0	0	0	0	2	1	0	3
11.	* Alexandrine Parakeet	<i>Psittacula eupatria</i>	7	6	20	33	0	0	0	0	0	0	0	0	0	0	0	0	13	11	9	33
12.	Black-headed Ibis	<i>Threskiornis melanocephalus</i>	5	5	2	12	0	0	3	0	0	0	0	0	0	0	0	0	5	5	5	15
<b>Total Aves</b>	<b>12</b>		<b>29</b>	<b>28</b>	<b>42</b>	<b>99</b>	<b>0</b>	<b>0</b>	<b>7</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>34</b>	<b>32</b>	<b>38</b>	<b>104</b>
<b>Mammalia</b>																						
1.	* Blackbuck	<i>Antilope cervicapra</i>	0	14	3	17	1	1	4	0	0	0	0	0	0	0	1	0	4	14	4	22
2.	* Blackbuck (leucistic/white)	<i>Antilope cervicapra</i>	1	2	1	4	0	2	1	0	0	0	0	0	0	0	0	0	2	4	1	7
3.	* Chital/ Spotted Deer	<i>Axis axis</i>	4	2	4	10	0	0	0	0	0	0	0	0	0	1	0	0	5	2	2	9
4.	* Indian Hog Deer	<i>Axis porcinus</i>	5	5	3	13	1	1	1	0	0	0	0	0	0	1	0	0	7	5	3	15
5.	Nilgai	<i>Boselaphus tragocamelus</i>	1	1	1	3	0	1	0	0	0	0	0	0	0	1	0	0	1	1	1	3
6.	Indian Jackal	<i>Canis aureus indicus</i>	0	4	0	4	0	0	0	2	3	0	0	0	0	2	0	0	2	5	0	7
7.	* Indian Wolf	<i>Canis lupus pallipes</i>	4	1	2	7	0	0	0	0	2	0	2	0	0	2	0	0	2	3	0	5
8.	Striped Hyena	<i>Hyaena hyaena</i>	2	1	0	3	0	0	0	0	0	0	0	0	0	0	0	0	2	1	0	3
9.	Indian Crested Porcupine	<i>Hystrix indica</i>	1	0	1	2	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	2
10.	* Smooth-coated Otter	<i>Lutrogale perspicillata</i>	9	4	26	39	0	0	3	0	0	0	4	3	0	0	0	0	21	11	3	35
11.	Rhesus Macaque	<i>Macaca mulatta</i>	4	7	5	16	0	0	0	0	0	0	1	5	5	0	0	0	3	2	0	5
12.	Bonnet Macaque	<i>Macaca radiata</i>	1	1	0	2	0	0	2	0	0	0	0	0	0	0	0	0	1	1	2	4

S.No.	Animal Name	Scientific Name	Opening Stock (01-Apr-2025)				Births			Acquisitions			Disposals			Deaths			Closing Stock (31-Mar-2026)			
			M	F	U	T	M	F	U	M	F	U	M	F	U	M	F	U	M	F	U	T
13.	Sloth Bear	<i>Melursus ursinus</i>	3	2	0	5	0	0	0	0	0	0	0	0	0	0	0	0	3	2	0	5
14.	# Indian Chevrotain, Mouse Deer	<i>Moschiola indica</i>	1	2	1	4	0	0	0	0	0	0	0	0	0	0	0	0	1	3	0	4
15.	Asiatic Lion	<i>Panthera leo persica</i>	1	1	0	2	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	1
16.	Leopard	<i>Panthera pardus</i>	2	1	0	3	0	0	0	0	0	0	0	0	0	0	0	0	2	1	0	3
17.	Tiger (leucistic/White)	<i>Panthera tigris</i>	1	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	2
18.	Bengal Tiger	<i>Panthera tigris tigris</i>	1	0	0	1	0	0	0	2	1	0	0	0	0	1	0	0	2	1	0	3
19.	Eld's Deer (Brow-antlered Deer)	<i>Rucervus eldii</i>	0	0	0	0	0	0	1	2	3	0	0	0	0	0	0	0	2	3	1	6
20.	Sambar Deer	<i>Rusa unicolor</i>	3	4	0	7	0	0	0	0	2	0	1	1	0	1	2	0	1	3	0	4
21.	Western Hanuman Langur	<i>Semnopithecus achates</i>	1	0	0	1	0	0	0	1	0	0	2	0	0	0	0	0	0	0	0	0
22.	Four-horned Antelope	<i>Tetracerus quadricornis</i>	1	1	0	2	0	0	1	1	2	0	0	0	0	0	0	0	2	3	1	6
23.	Himalayan Black Bear	<i>Ursus thibetanus laniger</i>	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2
<b>Total Mammalia</b>	<b>23</b>		<b>48</b>	<b>54</b>	<b>47</b>	<b>149</b>	<b>2</b>	<b>5</b>	<b>13</b>	<b>8</b>	<b>13</b>	<b>0</b>	<b>10</b>	<b>9</b>	<b>5</b>	<b>4</b>	<b>9</b>	<b>0</b>	<b>68</b>	<b>66</b>	<b>19</b>	<b>153</b>
<b>Reptilia</b>																						
1.	# Marsh Crocodile	<i>Crocodylus palustris</i>	0	2	15	17	0	0	0	0	0	0	0	0	0	0	0	2	1	2	12	15
2.	Gharial	<i>Gavialis gangeticus</i>	1	3	0	4	0	0	0	0	0	0	0	0	0	0	0	0	1	3	0	4
3.	Indian Star Tortoise	<i>Geochelone elegans</i>	11	16	10	37	0	0	0	1	1	0	10	10	0	0	0	0	2	7	10	19

S.No.	Animal Name	Scientific Name	Opening Stock (01-Apr-2025)				Births			Acquisitions			Disposals			Deaths			Closing Stock (31-Mar-2026)			
			M	F	U	T	M	F	U	M	F	U	M	F	U	M	F	U	M	F	U	T
4.	Indian Rock Python	<i>Python molurus</i>	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
<b>Total Reptilia</b>	<b>4</b>		<b>12</b>	<b>21</b>	<b>26</b>	<b>59</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>10</b>	<b>10</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>4</b>	<b>12</b>	<b>23</b>	<b>39</b>
<b>Total</b>			<b>89</b>	<b>103</b>	<b>115</b>	<b>307</b>	<b>2</b>	<b>5</b>	<b>20</b>	<b>10</b>	<b>14</b>	<b>0</b>	<b>21</b>	<b>19</b>	<b>5</b>	<b>5</b>	<b>10</b>	<b>2</b>	<b>106</b>	<b>110</b>	<b>80</b>	<b>296</b>

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

Curator (Animals)



Director

**PART - B**  
**Dr. Shyamaprasad Mukharjee Zoological Garden, Surat, Gujarat**

**Proforma for Annual Inventory Report**  
**Inventory Report for the Year : 2025-2026**

**Other than Endangered Species\***

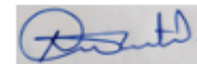
**Modified Closing Balance**

S.No.	Animal Name	Scientific Name	Opening Stock (01-Apr-2025)				Births			Acquisitions			Disposals			Deaths			Closing Stock (31-Mar-2026)			
			M	F	U	T	M	F	U	M	F	U	M	F	U	M	F	U	M	F	U	T
<b>Aves</b>																						
1.	Blue-and-gold Macaw, Blue-and-yellow Macaw	<i>Ara ararauna</i>	0	1	0	1	0	0	0	1	1	0	0	0	0	0	0	0	1	2	0	3
2.	Green-winged Macaw, Red-and-green Macaw	<i>Ara chloropterus</i>	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
3.	Military Macaw	<i>Ara militaris</i>	1	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	2
4.	Sun Conure, Sun Parakeet	<i>Aratinga solstitialis</i>	1	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	2
5.	Umbrella Cockatoo, White Cockatoo	<i>Cacatua alba</i>	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1

S.No.	Animal Name	Scientific Name	Opening Stock (01-Apr-2025)				Births			Acquisitions			Disposals			Deaths			Closing Stock (31-Mar-2026)			
			M	F	U	T	M	F	U	M	F	U	M	F	U	M	F	U	M	F	U	T
6.	* Lady Amherst's Pheasant	<i>Chrysolophus amherstiae</i>	0	1	1	2	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	2
7.	Golden Pheasant	<i>Chrysolophus pictus</i>	1	3	0	4	1	1	0	0	0	0	0	0	0	1	0	0	1	4	0	5
8.	Black Swan	<i>Cygnus atratus</i>	1	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	2
9.	* Emu	<i>Dromaius novaehollandiae</i>	2	2	6	10	0	0	0	0	0	0	0	0	0	1	2	0	1	2	4	7
10.	Moluccan Red Lory, Violet-necked Lory	<i>Eos squamata</i>	1	2	0	3	0	0	0	0	0	0	0	0	0	1	1	0	0	1	0	1
11.	* Silver Pheasant	<i>Lophura nycthemera</i>	1	1	2	4	0	0	2	0	0	0	1	0	1	0	0	0	1	1	2	4
12.	Cockatiel	<i>Nymphicus hollandicus</i>	0	0	128	128	0	0	0	0	0	0	0	0	0	0	0	0	0	0	128	128
13.	Grey Parrot, Jacquot	<i>Psittacus erithacus</i>	2	2	0	4	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0	4
14.	Green-cheeked Conure, Green-cheeked Parakeet	<i>Pyrrhura molinae</i>	3	2	0	5	0	0	0	2	2	0	0	0	0	0	0	0	5	4	0	9
15.	Common ostrich, Ostrich	<i>Struthio camelus</i>	2	1	0	3	0	0	0	0	0	0	0	0	0	0	0	0	2	1	0	3
16.	Rainbow Lorikeet	<i>Trichoglossus moluccanus</i>	1	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	2
<b>Total Aves</b>	<b>16</b>		<b>18</b>	<b>19</b>	<b>137</b>	<b>174</b>	<b>1</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>3</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>3</b>	<b>3</b>	<b>0</b>	<b>20</b>	<b>22</b>	<b>134</b>	<b>176</b>

S.No.	Animal Name	Scientific Name	Opening Stock (01-Apr-2025)				Births			Acquisitions			Disposals			Deaths			Closing Stock (31-Mar-2026)			
			M	F	U	T	M	F	U	M	F	U	M	F	U	M	F	U	M	F	U	T
<b>Mammalia</b>																						
1.	Common hippopotamus, Hippopotamus, Large Hippo	<i>Hippopotamus amphibius</i>	1	2	0	3	0	0	0	0	0	0	0	1	0	0	0	0	1	1	0	2
2.	Indian Muntjac	<i>Muntiacus muntjak</i>	2	2	0	4	0	0	0	0	2	0	0	0	0	0	3	0	2	1	0	3
<b>Total Mammalia</b>		<b>2</b>	<b>3</b>	<b>4</b>	<b>0</b>	<b>7</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>3</b>	<b>2</b>	<b>0</b>	<b>5</b>
<b>Reptilia</b>																						
1.	Siamese Crocodile	<i>Crocodylus siamensis</i>	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2
<b>Total Reptilia</b>		<b>1</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>2</b>
<b>Total</b>			<b>21</b>	<b>23</b>	<b>139</b>	<b>183</b>	<b>1</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>5</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>3</b>	<b>6</b>	<b>0</b>	<b>23</b>	<b>24</b>	<b>136</b>	<b>183</b>
<b>Grand Total</b>			<b>110</b>	<b>126</b>	<b>254</b>	<b>490</b>	<b>3</b>	<b>6</b>	<b>22</b>	<b>13</b>	<b>19</b>	<b>0</b>	<b>22</b>	<b>20</b>	<b>6</b>	<b>8</b>	<b>16</b>	<b>2</b>	<b>129</b>	<b>134</b>	<b>216</b>	<b>479</b>

Curator (Animals)



Director

**27. Mortality of animals**

# DEATH

**FROM 1st APRIL--2025 TO 31th MARCH-2026**

Sr.No.	Animal Name	Scientific Name	Sex	Date	Cause of death as diagnosed through postmortem
<b>Mammal</b>					
1	Asiaticlion	Pantheraleopersica	F	22-08-2025	BABESIOSIS AND ELRECHIOSIS DISEASE
2	Blackbuck	Antelopcervicapra	F	27-09-2025	OLD AGE
3	Hog deer	Axis porcinus	F	09-04-2025	SEPTICEMIA
4	Indianjackal	Canisaureusindicus	F	18-12-2025	ACUTE INFECTION
5	Indianjackal	Canisaureusindicus	F	25-03-2026	TRAUMETIC SHOCK
6	Indianwolf	Canislupuspallipes	M	25-05-2025	CHORNIC INFECTION
7	Indianwolf	Canislupuspallipes	M	25-05-2025	POSTERIAN PENALYSIS
8	Bengaltiger	Pantheratigris	M	25-02-2026	ASPHYXIA
9	Indianmuntjac	Muntiacusmuntjak	F	13-07-2025	CHROMIC RESPIRATORY DISEASE
10	Indianmuntjac	Muntiacusmuntjak	F	28-09-2025	OLD AGE
11	Indianmuntjac	Muntiacusmuntjak	F	30-12-2025	ACUTE INFECTION
12	Nilgai	Boselaphustragocamelus	F	15-07-2025	ACCUTE INFECTION
13	Samberdeer	Rusaunicolor	F	26-06-2025	ACCUTE INFECTION
14	Samberdeer	Rusaunicolor	F	28-03-2026	OLD AGE
15	Samberdeer	Rusaunicolor	M	13-07-2025	TRAUMETIC SHOCK
16	Spotteddeer	Axisaxis	F	12-07-2025	CHROMIC RESPIRATORY DISEASE
<b>Birds</b>					
1	White Peafowl	Pavocrestatus	F	29-10-2025	SEVEAR ENTERITIS
2	Indianpeafowl	Pavocrestatus	M	29-08-2025	TRAUMETIC SHOCK
3	Goldenphesant	Chrysolophuspictus	M	26-05-2025	OLD AGE

4	Moluccanredlory	Eosquamata	F	10-05-2025	LIVER DISFUNCTION
5	Moluccanredlory	Eosquamata	M	16-12-2025	ACUTE INFECTION
6	Emu	Dromaiusnovaehalladae	M	26-05-2025	CHRONIC RESPIRATORY DIEASE
7	Emu	Dromaiusnovaehalladae	U	19-07-2025	TRAUMETIC SHOCK
8	Emu	Dromaiusnovaehalladae	U	29-08-2025	TRAUMA
<b>Reptile</b>					
1	Crocodilemarsh	Crocodyluspalustris		25-09-2025	TRAUMETIC SHOCK
2	Crocodilemarsh	Crocodyluspalustris		27-10-2025	INFIGHTING INJURIES

## 28. Compliance with conditions stipulated by the Central Zoo Authority

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

- Letter No. (1) File No.7-117/93-CZA(70)(NE) dt. 23.12.2022  
 (2) File No.7-10/2020-CZA(PART-I)/I/2447/2020, dt. 25.08.2020  
 (3) F. No. 19-117/93-CZA(70)(Vol.V)(PKR)/1856/2017 dt. 27.10.2017  
 (4) F. No. 19-117/93-CZA(70)(Vol.V)(M)/4619/ dt. 09.04.2014  
 (5) F. No. 19-117/93-CZA(70)(Vol.IV)(M)/ dt. 11.04.2011

Sr. No.	Norm No. under RZR 2009	Condition Stipulated	Time Period to Comply	Since when pending	Status with regards to compliance of the conditions
<b>1.General requirements:</b>					
1	10.1(9)	The Zoo Operator has failed to remove the domestic ducks from display, in spite of repetitive reminders from the CZA. All such domestic ducks should be relocated outside the zoo premises.	With immediate effect	27/10/2017	Zoo has handed over 20 Nos of Domestic ducks to vyara Municipality,10 Nos of Ducks to padam dungali Forest eco tourism site and 04 Nos of ducks to saniya village to release in pond. After consulting with forest department, The remaining 40 birds be handed over or release in the pond wherever eco tourism facilities are available and other probale release site be explored.
<b>2. Administrative and staffing pattern</b>					
2	10.2(1)	The Zoo has failed to post full time officer -in-charge at the zoo. The present Officer-in-charge for food and drug licence of Municipal Corporation of Surat. Full time Officer-in-charge should be appointed.	Three months.	27/10/2017	This issue is pending with the Municipal Corporation for the last six years .It is once again requested to pay attention to fill up post of the Zoo Superintendent on priority. It is learnt that two to three times advertisement is given but no suitable candidate was made available so, the corporation either may relax the rules or promote the existing officer. Appropriate descion be taken up by the Municipal Commissioner, Surat.
3	10.2(2)	Zoo authority is in process of revising the qualification requirment of post of Zoo Superintende nt cum curator and creation of Education officer and Biologist. It should be implemented immediat ely 23.12.2022 The procedure is pending with central establishment department. Municipal Commissioner Surat is requested to fill up the post either by redesignation of existiing post	Immediat ely	23.12.2022	Zoo authority is in process of revising the qualification requirment of post of Zoo Superintende nt cum curator and creation of Education officer and Biologist. It should be implemented immediat ely 23.12.2022 The procedure is pending with central establishment department. Municipal Commissioner Surat is requested to fill up the post either by redesignation of existiing post or

		or recruit the new person as nine lakh visitors are visiting annually the zoo. so the education and awareness object can be achieved.			recruit the new person as nine lakh visitors are visiting annually the zoo. so the education and awareness object can be achieved.
<b>4. Animal housing , display of animals and animal enclosures :</b>					
4	10.4(10)	The directional signage's requires fresh up gradation to have a higher visibility and should be maintained regulary.	Within three months	23/12/2022	New informative signages installation procedure is under process.
5	10.4(10)	The educational aspect of signage's also require fresh upgradation.	Within three months	23/12/2022	This activity be complied as early as possible.
<b>6. Veterinary and infrastructure facilities:</b>					
6	10.6(3)	The Zoo authority should implement plan for Lab and Lab technician.	within One year	23/12/2022	Lab facility developed on priority. As Surat city is well facilitated with ultra modern Nandini veterinary hospital and Navsari Veterinary Collegeis very much nearby to Surat zoo, we are availing all these facilities from them under the guidance of subject matter specialist for accurate diagnosis and proper treatment. As lab technician post at Zoo is filled up although planning for lab establishment is under going.
<b>7. Post Mortem and disposal of carcasses of animals</b>					
7	10.7(1)	Zoo authority should provide for fully equipped post-mortem room	within One year	23/12/2022	This should be taken up on urgent basis.
<b>9.Acquisition and breeding of animals:</b>					
8	10.9(1)	Efforts are being make for maintaining appropriate sex ratio	Within six months	23/12/2022	Effort are under taken for Pairing of single animals in the zoo
9	10.9(2)	Zoo authority should try to ensured the scientific assessment of lineage and genetic relatedness to safeguard inbreeding as early as possible.	as early as possible	23/12/2022	for genetic analysis of the sample correspondence is done with GBRC Gandhinagar for sample testing.
<b>10.Research activities</b>					
10	10.10(1)	Zoo authority is suggested to ensure taking up the minimum two research program with the university.	23/12/2022	within one years	MOU has been signed with Government Science College ,Varachha & Government Science College ,Valod
<b>11. Education and outreach activities</b>					
11	10.11(1)	Education and research activities required up gradation	23/12/2022	within six month	The educational activities are under taken with C.G.Bhakta Institute of Biotechnology,Vir Narmad South Gujarat Ubniversity, Bio Science department, P.T.Science College,Govt.Science College Valod & Varachha.
<b>12 Visitors facilities</b>					
12	10.12(1)	The battery operated vehicle requires up gradation with minimum fleet of 10 vehicle	23/12/2022	within six months	At present three battery Operated Vehicles,One BOPV Auto ricshaw is functional.Atleast two more battery operated Vehicles be procured on priority basis.
F. No. 19-117/93-CZA(70)(Vol.V)(PKR)/1856/2017 dt. 27.10.2017					

1. General requirements:					
13	1(9)	The Zoo Operator has failed to remove the domestic ducks from display, in spite of repetitive reminders from the CZA. All such domestic ducks should be relocated outside the with immediate effect 27.10.2017 During last evaluation about 150 such ducks were there. Out of which 50 birds have been handed over to forest department and 40 ducks were handed over to Vyara Nagar Palika. remaining advertisement was issued but no response was received. However Zoo is making effort to relocate these ducks outside the zoo Premises. After consulting with forest department, The remaining 40 birds be handed over or be released in the pond wherever eco tourism facilities are available and other probable release site be explored. zoo premises.	27.10.2017	with immediate effect	After consulting with forest department, The remaining 40 birds be handed over or be released in the pond wherever eco tourism facilities are available and other probable release site be explored.
2. Administrative and staffing pattern:					
14	2(1)	The Zoo has failed to post full time officer-in charge at the zoo. The present Officer-in charge of the zoo is also in charge for food and drug licence of Municipal Corporation of Surat. Full time Officer in-charge should be appointed.	27.10.2017	Six months	This issue is pending with the Municipal Corporation for the last six years .It is once again requested to pay attention to fill up the post of the Zoo Superintendent on priority. It is learnt that two to three times advertisement was given but no suitable candidate was available so, the corporation either may relax the rules or promote the existing officer. Appropriate decision be taken up by the Municipal Commissioner, Surat.
15	2(1)	It has been noticed during the evaluation that maintenance of animal enclosures and other infrastructures is not being done on regular basis. It is suggested that may have independent cell of such personnel's or Officer-in charge should have adequate power to take up emergency repair as and when required. The delay in dealing with such repair works was noticed during the evaluation.	27.10.2017	with immediate effect.	This issue is pending with the Municipal Corporation for the last six years . At present the Zoo incharge is not having financial power. Iron meshrepairs,emergency medical treatment,Emergency food requirement and other emergent medical situation and other emergency require financial powers with Zoo Superintendent Earlier financial power of Rs. 40,000 was there so the same may be restored again to Zoo Superintendent. During inspection observed that rusting of cage meshes allowed the entry of squirrel in the cage sometime freshning of the rooms with colouring is required so corporation is requested to restored financial power to the Zoo Superintendent.
3. Development and Planning:					

16	3(1&2)	The Zoo Operator has failed to submit the Master Plan for the long term development of the zoo to Central Zoo Authority for its approval. The CZA has already granted extension of 3 months' time for submission of Master Plan. The same period has also been lapsed, the zoo failed to submit the master Plan. Should submit Master Plan to the CZA for approval.	27.10.2017	with immediate effect.	It is under consideration for the approval with Central Zoo Authority.
4. Animal housing, display and animal enclosures:					
17	4(5)	The leopard enclosure should be provided 25% viewing area of the total exhibit to the visitors.	27.10.2017	complied	Live Hedges be taken up on the sides of the enclosures to minimise the visitors viewing area.
18	4(3)	All the aviaries at the zoo should have at least 10-20% area as kuccha floor with soil and live plants.	27.10.2017	Three months	Aviary design needs to be more aesthetic and modern and requested to visit Mumbai and other area to improve the existing aviary.
6. Veterinary and infrastructure facilities:					
19	6(1)	Dr. Shyama Prasad Mukherjee Zoological Garden, Surat, Gujarat being classified as a medium category zoo, but does not have adequate veterinary facility, including the basic veterinary equipments, x-ray machine etc. Should be complied.	27.10.2017	three months	Till date we are availing facilities at Nandini Hospital, Surat and Vet. College Navsari, planning to upgrade and renovation of zoo hospital will be undertaken once office building work is completed.
9. Acquisition and breeding of animals:					
20	9(7)	The Zoo has been housing 105 nos. of healthy Rose ringed parakeet. The surplus population of Rose ringed parakeet should be released into the natural habitat after due screening of their health and it should be ensured that protocols laid by the CZA/1UCN in this regard are followed or the birds may be given to other recognized zoo with prior approval from CZA and CWLW of the State.	27.10.2017	Should be complied	Request the forest department and obtain the final order of the court case and appropriate decision taken up.
10 Research Activities					
21	10.1	The zoo may take up research programme as envisaged in the master plan.	09.04.2014	Six months	Once the Masterplan is approved it will be implemented.

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

### a. Mammals

No.	Name of the animal	Scientific Name
1.	Grey Mongoose	Herpestes edwardsii
2.	Small Indian Mongoose	Herpestes javanicus
3.	Ruddy Mongoose	Herpestes smithii
4.	Indian Civet	Viverricula indica
5.	Bats	Chiroptera
6.	Three Stripped Palm Squirrel	Funambulus palmarum
7.	Large Bandicoot Rat	Bandicota indica
8.	Hanuman Langur	Semnopithecus entellus
9.	Indian Hare	Lepus nigricollis

### b. Birds

No.	Order	Family	Common Name	Scientific Name
1	Galliformes	Phasianidae	Indian Peafowl	Pavocristatus
2	Columbiformes	Columbidae	Rock Pigeon	Columba livia
3			Spotted dove	Spilopeliachinensis
4			Yellow-footed Green-Pigeon	Treronphoenicoptera
5	Cuculiformes	Cuculidae	Greater coucal	Centropussinensis
6			Asian koel	Eudynamysscolopaceus
7	Apodiformes	Apodidae	Asian Palm Swift	Cypsiurusbalasiensis
8			Little Swift	Apus affinis
9	Gruiformes	Rallidae	White-breasted waterhen	Amauornisphoenicurus
10	Charadriiformes	Charadriidae	Red-wattled lapwing	Vanellusindicus
11		Scolopacidae	Green sandpiper	Tringaochropus
12	Ciconiiformes	Ciconiidae	Asian Openbill	Anastomusoscitans
13			Painted Stork	Mycteriaeucocephalia
14	Suliformes	Phalacrocoracidae	Little Cormorant	Microcarboniger
15	Pelecaniformes	Ardeidae	Black-crowned night heron	Nycticoraxnycticorax
16			Little egret	Egrettazarzetta
17			Indian pond heron	Ardeolagrayii
18			Great Egret	Ardea alba
19			Intermediate egret	Ardea intermedia
20			Cattle egret	Bubulcus ibis
21			Purple Heron	Ardeapurpurea
22			Threskionithidae	Black-headed ibis
23		Accipitriformes	Accipitridae	Shikra
24	Coraciiformes		Common Kingfisher	Alcedoatthis
25			White-throated kingfisher	Halcyon smyrnensis
26			Meropidae	Asian green bee-eater
27	Piciformes	Megalaimidae	Coppersmith Barbet	Psilopogonhaemacephalus
28	Psittaciformes	Psittaculidae	Rose-ringed parakeet	Psittaculakrameri
29			Alexandrine Parakeet	Psittaculaeupatria
30		Campephagidae	Small Minivet	Pericrocotuscinnamomeus

31	Passeriformes	Oriolidae	Indian Golden Oriole	Orioluskundoo
32			Black-hooded Oriole	Oriolusxanthornus
33		Aegithinidae	Common Iora	Aegithinatiphia
34		Rhipiduridae	Spot-breasted fantail	Rhipiduraaureola
35		Dicruridae	Black drongo	Dicrurusmacrocerus
36			Ashy Drongo	Dicrurusleucophaeus
37		Laniidae	Long-tailed Shrike	Laniusschach
38		Monarchidae	Indian Paradise-Flycatcher	Terpsiphonparadisi
39		Corvidae	House crow	Corvussplendens
40			Large-billed crow	Corvusmacrorhynchos
41		Stenostiridae	Gray-headed Canary-Flycatcher	Culicicapaceylonensis
42		Acrocephalidae	Booted Warbler	Idunacaligata
43		Cisticolidae	Common Tailorbird	Orthotomussutorius
44			Ashy Prinia	Priniasocialis
45		Pycnonotus	Red-whiskered bulbul	Pycnonotusjocosus
46			Red-vented bulbul	Pycnonotuscafer
47		Phylloscopidae	Hume's Warbler	Phylloscopushumei
48			Common Chiffchaff	Phylloscopuscollybita
49			Greenish Warbler	Phylloscopustrochiloides
50		Leiothrichidae	Jungle babbler	Turdoidesstriata
51			Oriental magpie-robin	Copsychussauralis
52		Sturnidae	Common myna	Acridotherestrictis
53		Muscicapidae	Indian Robin	Copsychusfulvicatus
54			Tickell's Blue Flycatcher	Cyornistickelliae
55			Taiga Flycatcher	Ficedulaalbicilla
56			Red-breasted Flycatcher	Ficedulaparva
57		Passeridae	House sparrow	Passer domesticus
58		Dicaeidae	Pale-billed flowerpecker	Dicaeumerythrorhynchos
59			Thick-billed Flowerpecker	Dicaeum agile
60		Nectariniidae	Purple-rumped Sunbird	Leptocomazeylonica
61			Purple Sunbird	Cinnyrisasiaticus
64			Scaly-breasted Munia	Lonchurapunctulata
62		Chloropseidae	Jerdon's Leafbird	Chloropsisjerdoni
63		Motacillidae	Gray wagtail	Motacillacineria
65			White Wagtail	Motacilla alba
66		Fringillidae	Common Rosefinch	Carpodacuserythrinus

### c. Reptiles

No.	Name of the animal	Scientific Name	No.	Name of the animal	Scientific Name
1.	sand Boa	Eryx conicus	7.	Indian wolf snake	Lycodon aulicus
2.	Viper Saw Scaled	Echis carinata	8.	Bamboo pit viper	Tremeresus gramineus
3.	Snake Rat / Dhaman	Ptyas mucosus	9.	Checkered Keelback	Xenochrophis piscator
4.	Cobra Indian	Naja nanja	10.	common Krait	Bungarus caeruleus
5.	Trinket snake	Coelognathus helena	11.	Turtle Fresh Water / Indian Soft Shelled	Presdypis entellus
6.	Green vine snake	Ahaetulla nasatu			