

SARDAR PATEL ZOOLOGICAL PARK



Annual Report for the year
2019-20





CONTENTS

S.No	Section	Page Number
1.	History of the Zoo	4
2.	Vision	4
3.	Mission	4
4.	Objective	4
5.	About us	5
6.	Organizational Chart	9
7.	Vaccination Schedule of animals	10
8.	De-worming Schedule of animals	11
9.	Disinfection Schedule	12
10.	Abstract of Veterinary Activities	13
11.	Annual Inventory of animals	14
12.	Mortality of animals.	16
13.	List of free living wild animals within the zoo premises	17

- **History of the Zoo**

On 31 October 2018, the Statue of Unity, situated near the famous Sardar Sarovar Dam in Gujarat, got open for the visitors. To develop the nearby area for tourism purpose, several new places were developed such as Valley of flowers, Glow Garden, Riverfront Cycling, Children Nutrition Park, River rafting at Khalwani, Cactus Garden and Butterfly Garden. One such place was developed in the year 2019 called as “Sardar Patel Zoological Park”.

- **Vision**

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

- **Mission**

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

- **Objective**

The National Zoo Policy States:

“The Main Objective of the Zoo Shall Be of Complement and Strengthen the National Efforts in Conservation and Strengthen the National Efforts in Conservation of the Rich Biodiversity of the Country, Particularly the Fauna.”

Thus Zoo has keeping with the above goals have following objectives.

- **Conservation:** To conserve and preserve wild fauna by improving and enhancing the Captive Breeding Program of selected endangered species.

- **Education:** To educate and aware the visitors about importance of biodiversity and its conservation and to raise awareness about protecting the environment.
- **Research and Training:** To facilitate research and training in the field of conservation of wildlife, its captive management and veterinary care of wild animals.
- **Recreation:** To entertain the visitors with the rich collection of flora and fauna and other amenities.

▪ **About us**

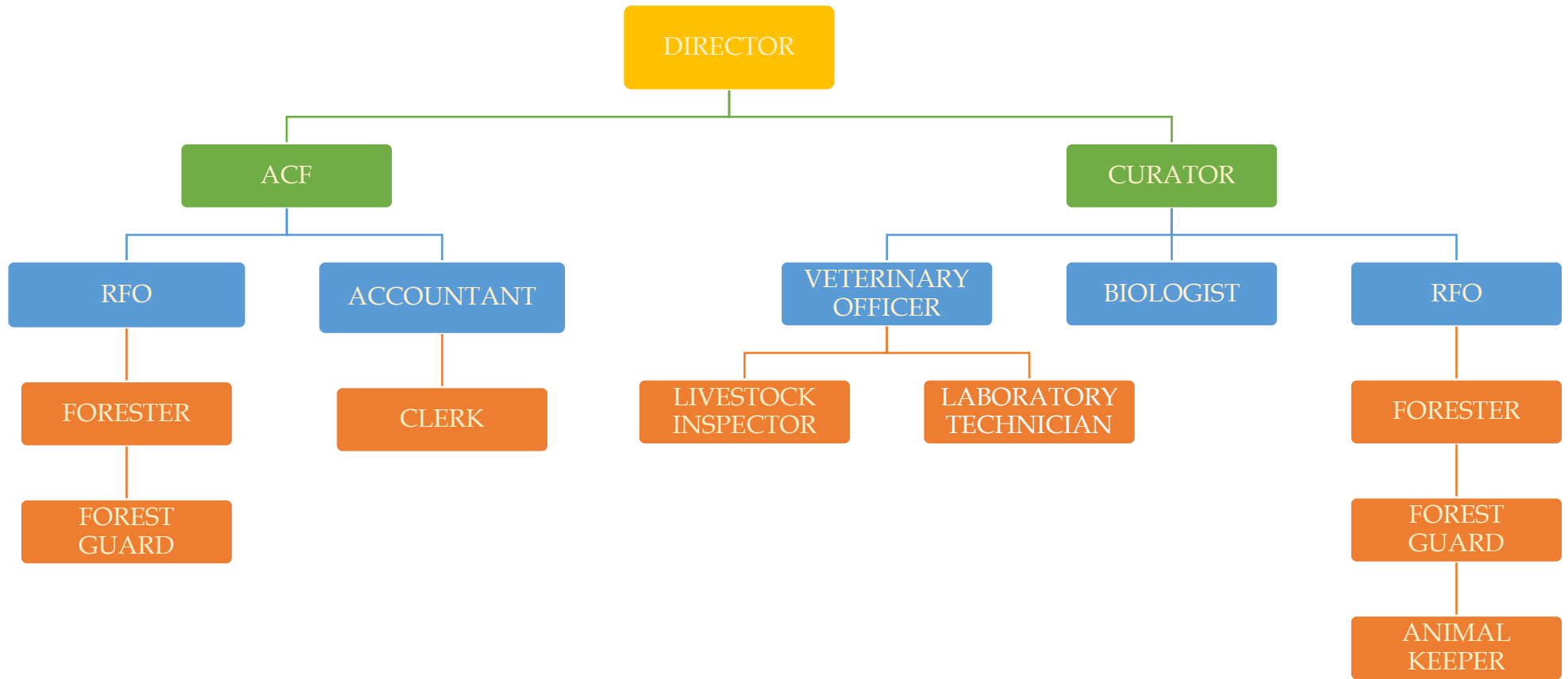
No.	Particulars	Information
Basic Information about the Zoo		
1	Name of the Zoo	SARDAR PATEL ZOOLOGICAL PARK,KEVADIA
2	Year of Establishment	2019
3	Address of the Zoo	OLD JP CAMP, OPP: STATUE OF UNITY, KEVADIA TA; GARUDESHWAR, DIST:NARMADA
4	State	Gujarat
5	Telephone Number	02640232600
7	E-mail address	directorkjs@gmail.com
8	Website	http://www.soutickets.in/#/services-venue-detail/jungle-safari

No.	Particulars	Information
9	Distance from nearest	Airport: 95 km Vadodara
		Railway Station: 57 km Dabhoi
		Bus Stand: 8km Kevadia
10	Recognition Valid up to (Date)	17/10/2022
11	Category of zoo	Medium
12	Area (in Hectares)	43.97
13	Number of Visitors (Financial Year) (Zoo operated for the time of 18february 2020 to 14th march 2020)	Total Visitors: 25326
14	Visitors' Facilities Available in Zoo	<input type="checkbox"/> Drinking water kiosks <input type="checkbox"/> Toilets at convenient locations <input type="checkbox"/> Special toilets, wheel chairs & ramps for differently abled persons <input type="checkbox"/> Rest areas / sit-outs / visitors' sheds at various locations. <input type="checkbox"/> Cafeteria / Food Court <input type="checkbox"/> Cloak room near the entrance gate <input type="checkbox"/> Perambulator for children

No.	Particulars	Information
		<input type="checkbox"/> First-aid (at zoo hospital & administrative office) <input type="checkbox"/> Emission free battery operated vehicles <input type="checkbox"/> Guide maps <input type="checkbox"/> Publications <input type="checkbox"/> Souvenir shop
15	Weekly Closure Day of the Zoo	Monday
Management Personnel of the zoo		
16	Name with designation of the Officer in-charge	Dr Ram Ratan Nala (IFS)
	Name of the Curator	Ravirajshin Rathod
	Name of the Veterinary Officer	Dr Nitesh S. Chaudhari
	Name of the Biologist	Ravikumar K. Patel Hiren J. Patel Kunj Joshi
Name of the Compounder	Ketan Bhil Subham Lakhara	

No.	Particulars	Information
Owner / Operator of the Zoo		
17	*Name of the Operator	Additional Chief Secretary Forest and Environment Department, Government of Gujarat
18	Address of the Operator	Additional Chief Secretary, Forest and Environment, Department, Block 14, 8th floor, Gandhinagar.
19	Contact details/Phone number of Operator	079 - 23251051
20	E-mail address of Operator	secfed@gujarat.gov.in

**ORGANIZATIONAL CHART
OF
SARDAR PATEL ZOOLOGICAL PARK, KEVADIYA**



▪ **Vaccination Schedule of animals**

Sr. No.	Species	Disease vaccinated for	Name of the Vaccine and dosage/ quantity used	Periodicity	Remarks
1	All Feline (Lion, Tiger, Leopard, etc.)	Feline Panleukopenia, Feline Calcivirus, Feline Rehinotrachitis Rabies	Feligen - (1ml/ Animal S/C)	Annual	
2	All Canines	Canine Distemper Virus, Canine Adeno Virus, Canine Parvo Virus, Parainfluenza Rabies Leptospirosis	Nobivac Dhappi, Nobivac Lepto, Nobivac R	Annual	
3	Equus hemionus <i>and</i> Rhinoceros unicorni	Tetanus	Tetanus Toxoid	Annual	

▪ **De-worming Schedule of animals**

Sr. No.	Species	Drug used	Month
1	All Carnivores	1) combination of praziquantel, pyrantel pamoate and Fenbendazole 2) Albendazole 3) Praziquantel, 4) Ivermectin	Quarterly
2	All Herbivores	1) Albendazole 2) Fenbedazole 3) Ivermectin	Quarterly
3	All Birds	combination of praziquantel, Fenbendazole, Amprolium	Quarterly
4	Primates	1) Albendazole 2) Fenbedazole	Quarterly
4	Reptiles	1) Albendazole 2) Fenbedazole	Quarterly

▪ **Disinfection Schedule**

Sr. No.	Species	Type of enclosure	Disinfectant used and method	Frequency of disinfection
1	All Carnivores	Night Shelter Open Enclosure	- Chemical (Kohrsolin-TH) - Burning Method	Once in a week Once in a week
2	All Birds / Herbivores / Reptiles/ primates	Night Shelter Open Enclosure	- Chemical (Kohrsolin-TH) - Burning Method	Once in a week Twice in a month
3.	Zoo pathways, entry gate foot dips, goods carriage vehicles	Zoo pathways, entry gate	- Chemical (Kohrsolin-TH)	Daily

- **Abstract of Veterinary Activities of the Zoo (2019-2020)**

No	Activities	Number of cases dealt
1	Cases treated	102
2	Surgery performed	02
3	De-worming	780
4	Chemical Immobilizations	20
5	Screening of Blood samples	69
6	Biochemical assay	03
7	Bacteriological examination	31
8	Faecal sample examination	320

Annual Animal Inventory Report from April 2019 to March 2020
Sardar Patel Zoological Park, Kevadiya

	Stock as on 01-04-2019				April 2019 - March 2020												Stock as on 31-03-2020			
					Births			Acquisitions			Disposals			Deaths						
Schedule I and II	M	F	U	T	M	F	U	M	F	U	M	F	U	M	F	U	M	F	U	T
Mammals	0	0	0	0	0	0	5	17	17	0	0	0	0	1	0	0	16	17	5	38
Birds	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	1	1	0	2
Reptiles	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	5	18	18	0	0	0	0	1	0	0	17	18	5	40
Other Schedule Species																				
Mammals	0	0	0	0	0	0	8	14	17	0	0	0	0	3	2	0	11	15	8	34
Birds	0	0	0	0	0	0	0	15	17	0	0	0	0	0	5	0	15	12	0	27
Reptiles	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	8	29	34	0	0	0	0	3	7	0	26	27	8	61
Exotic Species																				
Mammals	0	0	0	0	0	0	0	15	15	0	0	0	0	0	0	0	15	15	0	30
Birds	0	0	0	0	0	0	0	6	12	30	0	0	0	0	0	0	6	12	30	48
Reptiles	0	0	0	0	0	0	0	3	3	0	0	0	0	0	0	0	3	3	0	6
Total	0	0	0	0	0	0	0	24	30	30	0	0	0	0	0	0	24	30	30	84
Grand Total																				
Mammals	0	0	0	0	0	0	13	46	49	0	0	0	0	4	2	0	42	47	13	102
Birds	0	0	0	0	0	0	0	22	30	30	0	0	0	0	5	0	22	25	30	77
Reptiles	0	0	0	0	0	0	0	3	3	0	0	0	0	0	0	0	3	3	0	6
Total	0	0	0	0	0	0	13	71	82	30	0	0	0	4	7	0	67	75	43	185

Total species as on 31st March 2020				
	Mammals	Birds	Reptiles	Total
Schedule I and II Species	10	1	0	11
Other Schedule Species	4	6	0	10
Exotics Species	11	3	3	17
Total	25	10	3	38

Inventory of Schedule I and II Species of Mammals (Wildlife Protection Act 1972), from April 2019 to March 2020

Sr. No.	Common Name	Scientific Name	Stock as on 01-04-2019				April 2019 - March 2020												Stock as on 31-03-2020			
							Births			Acquisitions			Disposals			Deaths						
			M	F	U	T	M	F	U	M	F	U	M	F	U	M	F	U	M	F	U	T
1	ASIATIC LION	<i>Panthera leo percicus</i>	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	1	1	0	2
2	INDIAN LEOPARD	<i>Panthera pardus fusca</i>	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	1	1	0	2
3	BENGAL TIGER	<i>Panthera tigris tigris</i>	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	1	1	0	2
4	MANIPUR BROW-ANTLERED DEER	<i>Rucervus eldii eldii</i>	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	2	0	2
5	BLACKBUCK	<i>Antilope cervicapra</i>	0	0	0	0	0	0	3	4	6	0	0	0	0	0	0	0	4	6	3	13
6	INDIAN GAZELLE	<i>Gazella bennettii</i>	0	0	0	0	0	0	1	2	3	0	0	0	0	1	0	0	1	3	1	5
7	FOUR-HORNED ANTELOPE	<i>Tetracerus quadricornis</i>	0	0	0	0	0	0	1	2	2	0	0	0	0	0	0	0	2	2	1	5
8	GAUR	<i>Bos gaurus</i>	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	1	1	0	2
9	INDIAN WILD ASS	<i>Equus hemionus khur</i>	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	4	0	0	4
10	ONE HORNED RHINOCEROS	<i>Rhinoceros unicornis</i>	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	1
	TOTAL		0	0	0	0	0	0	5	17	17	0	0	0	0	1	0	0	16	17	5	38

Inventory of Schedule I and II Species of Birds (Wildlife Protection Act 1972), from April 2019 to March 2020

Sr. No.	Common Name	Scientific Name	Stock as on 01-04-2019				April 2019 - March 2020												Stock as on 31-03-2020			
							Births			Acquisitions			Disposals			Deaths						
			M	F	U	T	M	F	U	M	F	U	M	F	U	M	F	U	M	F	U	T
1	EURASIAN SPOONBILL	<i>Platalea leucorodia</i>	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	1	1	0	2
	TOTAL		0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	1	1	0	2

Mortality Report from April 2019 to March 2020

Sr. No.	Date	Species	M	F	U	T	Cause of Death
1.	16/11/2019	INDIAN MUNTJAC	1	0	0	1	Shock
2.	19/11/2019	RED JUNGLE FOWL	0	1	0	1	Shock due to circulatory failure
3.	20/11/2019	INDIAN MUNTJAC	1	0	0	1	Shock due to circulatory failure
4.	26/11/2019	RED JUNGLE FOWL	0	1	0	1	Shock due to circulatory failure
5.	27/11/2019	RED JUNGLE FOWL	0	1	0	1	Shock due to circulatory failure
6.	01/12/2019	INDIAN MUNTJAC	0	1	0	1	Septicemia and pyometra
7.	04/12/2019	INDIAN MUNTJAC	0	1	0	1	Shock due to circulatory failure
8.	10/12/2019	INDIAN GAZELLE	1	0	0	1	Chronic respiratory disease
9.	12/12/2019	HIMALAYAN GORAL	1	0	0	1	Traumatic injury
10.	30/12/2019	RED JUNGLE FOWL	0	1	0	1	Shock due to circulatory failure
11.	31/12/2019	RED JUNGLE FOWL	0	1	0	1	Shock due to respiratory failure
		TOTAL	4	7	0	11	

- List of free living wild animals within the zoo premises

Mammals	
1.	Five-striped palm squirrel <i>Funambulus pennant</i>
2.	Indian grey mongoose <i>Herpestes edwardsii</i>
3.	Indian flying fox <i>Pteropus giganteus</i>
4.	Indian porcupine <i>Hystrix indica</i>
Aves	
1.	Indian grey hornbill <i>Ocyrceros birostris</i>
2.	White-browed fantail <i>Rhipidura eureola</i>
3.	Indian peafowl <i>Pavo cristus</i>
4.	Red-wattle lapwing <i>Vanellus indicus</i>
5.	Gray francolin <i>Francolinus pondicerianus</i>
6.	Shikra <i>Accipiter badius</i>
7.	Mottled wood owl <i>Strix ocellata</i>
8.	Spotted owlet <i>Athene brama</i>
9.	Jungle-babbler <i>Turdoides striata</i>
10.	Baya weaver <i>Ploceus philippinus</i>
11.	Crested bunting <i>Melophus lathami</i>
12.	Indian grey hornbill <i>Ocyrceros birostris</i>
13.	White-browed fantail <i>Rhipidura eureola</i>
14.	Indian peafowl <i>Pavo cristus</i>
Reptiles	
1.	Fan-throated lizard <i>Sitana ponticeriana</i>
2.	Monitor lizard <i>Varanus varius</i>
3.	Oriental garden lizard <i>Calotes versicolor</i>
4.	Bronzeback tree snake <i>Dendrelaphis tristis</i>
5.	Checkered keelback <i>Xenochrophils piscator</i>
6.	Common krait <i>Bungarus caeruleus</i>
7.	Common sand boa <i>Eryx conicus</i>
8.	Indian cobra <i>Naja naja</i>
9.	Indian rock python <i>Python molurus</i>
10.	Indian wolf snake <i>Lycodon aulicus</i>
11.	Rat snake <i>Ptyas mucosa</i>
12.	Red sand boa <i>Eryx johnii</i>
13.	Trinket snake <i>Coelognathus Helena</i>