

RAJKOT ZOOLOGICAL PARK



ANNUAL REPORT 2020-21

RAJKOT ZOOLOGICAL PARK

RAJKOT MUNICIPAL CORPORATION



Annual Report for the year 2020-21

Prepared and Compiled by

Mr. Ravi C. Chauhan
Biologist cum Education Officer

Dr. R.K. Hirpara
Zoo Superintendent

CONTENTS

Sr .No	Details	Page Number
1.	Zoo Superintendent's Desk	1
2.	History of the Zoo	2
3.	Vision	5
4.	Mission	5
5.	Objective	6
6.	About us	7
7.	Organizational Chart	9
8.	Human Resources	9
9.	Statement of income and expenditure of the Zoo	10
10.	Visitation	12
11.	Daily feed Schedule of animals	13
12.	Vaccination Schedule of animals	14
13.	De-worming Schedule of animals	14
14.	Disinfection Schedule	15
15.	Development Works carried out in the zoo during the year	16
16.	Pandemic covid – 19 Precautionary Measures undertaken at Rajkot Zoological Park	21
17.	Zoo Reopening	22
18.	Education and Awareness programmes during the year	23
19.	Environmental and Feeding Enrichment for Animals	24
20.	Conservation Breeding Programme of the Zoo	25
21.	Animal Exchange 2020-21	26
22.	Annual Inventory of animals	28
23.	Important events at Rajkot Zoological Park	33
24.	Masterplan Approval letter CZA	34
25.	Status of the Compliance with conditions stipulated by the Central Zoo Authority	35
26.	List of free living wild animals within the zoo premises	37

Zoo Superintendent's Desk

Rajkot Zoological Park is one of the modern & naturalistic developing zoos of the country and it spreads over an area of 55.33 hectars. Zoo housed number of free living animal species. Old mini zoo known as Aji Dam zoo was set up in February 1992, where Asiatic Lion, Tiger, Leopard, Himalayan Black bear, Black Buck & Crocodile were housed in old fashion enclosures. Since old mini zoo at Aji dam suffered from many drawbacks and did not match the standards set by the Central Zoo Authority, as a follow up of the recommendation of the CZA, the Municipal Corporation of Rajkot took decision and Standing Committee has passed a resolution to set up a new modern zoological park in an extensive area known as "Pradyuman Park" situated about 02 km away from Aji Dam zoo. This area was considered as an ideal site for developing a modern zoological park which is now known as "Rajkot Zoological Park". All the animals were shifted from Aji Dam mini zoo to Rajkot Zoological Park during December, 2009 & Zoo was opened for public on 14th August, 2010.

The Year 2020-21 has been affected by Pandemic Covid – 19 crises all over the world. Due to Covid – 19, zoos also faced major issues in entire world and so Rajkot Zoological Park also. Zoo was closed for visitors from 17th March 2020 to 18th October 2020. Most of the zoos find financial cut off due to no visitation. Yet Rajkot Municipal Corporation did not allow any financial cut off in Zoo maintenance funds.

On-going improvement and development activities got affected by yet completed in some time. The expected results could be achieved only if contemplated activities are planned in advance, in a systematic way. Yet, Zoo has planned and implemented important activities, animal welfare activities and other projects.

I would like to express my sincere thanks to Dr. U.G.Patel, Veterinary officer, Sri Ravi C. Chauhan, Biologist cum Education Officer, Sri Bhargav P. Bhatt, Curator, Sri Manoj J. Gohel, Veterinary Asst., of Rajkot Zoological Park for preparation of Annual Report. I would like to convey my thanks to all staff of Rajkot Zoological Park and resources provided by Rajkot Municipal Corporation for the development of Rajkot Zoological Park.



(Dr R. K. Hirpara)
Zoo Superintendent
Rajkot Zoological Park

History of the Zoo

A dam built on river Aji on the outskirts of Rajkot city is a popular attraction for outing and picnic for the people of the city and the surrounding villages. The area adjoining the water reservoir was developed as a public park by the Municipal Corporation of Rajkot. In 1987, a deer enclosure was constructed in the area to provide attraction and subsequently a mini zoo known as Aji Dam, was set up as an adjunct to the public park in February, 1992, where Asiatic lion, Tiger, Leopard, Himalayan Black Bear, Black Buck & Crocodile were housed in old fashioned enclosures. Since Mini zoo suffers from many drawbacks and does not match standards set by CZA, its closure was recommended by CZA after its evaluation.

As a follow up of the recommendations of the Central Zoo Authority and sharing the aspirations of the people of Rajkot, the Municipal Corporation of Rajkot took decision and its Standing Committee, passed a resolution vide resolution no. 750 dated 04/02/1999 to set up a new modern zoological park in an extensive area known as “Pradyuman Park” situated about two kilometres away from the old Mini zoo. It was also decided that the animals from old mini zoo would be shifted to the proposed new zoo.



Rajkot Zoological Park with surroundings...

Establishment of Modern Zoological Park

Pradyuman Park covers about 55.37 hectare area which is undulating with ridges and valleys, rocky outcrops and well drained, surround by two big lakes - Lalpari and Randarda. This area was considered as an ideal site for developing a modern zoological park to be known as “Rajkot Zoological Park”

The Rajkot Zoological Park, Rajkot was inaugurated by the Hon. Chief Minister of Gujarat State during that time Shri Narendrabhai Modi on 14th August 2010. He has been very keen about the Zoo and its importance for Wildlife Conservation and Education.



Inauguration of Rajkot Zoological Park by Shri Narendra Modi, Hon. Chief Minister, Gujarat State

Physical features of the area

An area of 55.37 hectares known as Pradyumn Park located just on the outskirts of the city is hilly and picturesque piece of land surrounded by two big lakes viz., Lalpari Lake and Randarda Lake. The land form is undulating with gentle to steep slopes having concave and convex rocky formations providing natural drainage.

Geology, Rock & Soil

Geologically the land mass of present Saurashtra region was once under the sea and during some past geological upheaval, it emerged from the sea bed, having rocky hillocks and plains. The Pradyuman Park area is typical one such hillock with basaltic rocks underneath overlaid with ignite rocks as outcrops and cut up with shallow valleys filled with black cotton soil. It is an ideal site for a modern zoological park where animals can be exhibited in near natural habitats. The area provides enough space for animal enclosures, roads, pathways, shelters, lawns, tree groves and water features. There are exposed rocks and boulders strewn all over the site, which will be utilized for enriching and enhancing the exhibit value.

Flora and fauna in the Zoo premises

Zoo is enriched with various types of trees, shrubs and herbs. The natural vegetal cover is sparse and patchy, with bare open areas on rocky grounds and low height trees & shrubs in valleys. Therefore the total area of the zoo has been taken under tree plantation of local species. As a result of this special drive, presently entire area is covered with more than 40,000 trees, shrubs, herbs, creepers and climbers of local flora.

More than 100 free ranging species of birds, 6 species of mammals and 12 species of reptiles have been listed within the zoo premises.



Vision statement

Instead of the age-old-exhibition and recreation values, zoos shoulder additional responsibility to act as nature conservation centres to further the cause of wildlife conservation. Zoos also have education value, where the visiting publics get an opportunity to learn about nature, natural history, eco-systems, wildlife and their conservation issues to get sensitized to become nature lovers, leading to become conservationist. Zoos are nature's laboratories, offering ample opportunities to carry out research on animal health, nutrition, food, diseases, anatomy, physiology, inter and intra spp. behaviour, breeding biology and to make base line data pool of healthy spp. for clinical treatment of wild animals.

Mission statement

**“Inspiring Love & Empathy for Wildlife amongst Public and
Awareness for Nature
Conservation”**



Objectives

1. The main objective of the zoo shall be to complement and strengthen the National efforts in conservation of the rich biodiversity of the country, particularly the local wild fauna.
2. To support the conservation of endangered species through coordinated Breeding under ex-situ conditions and raise stocks for rehabilitating them in wild as and when it is appropriate and desirable.
3. To inspire amongst zoo visitors empathy for wild animals, an understanding and awareness about the need for conservation of natural resources and for maintaining the ecological balance.
4. To provide opportunities for scientific studies useful for conservation in general and creation of data base for sharing between the agencies involved in in-situ and ex-situ conservation.
5. Besides the aforesaid objectives, the zoos will function as rescue center for Orphaned wild animals, subject to the availability of appropriate housing and upkeep infrastructure.

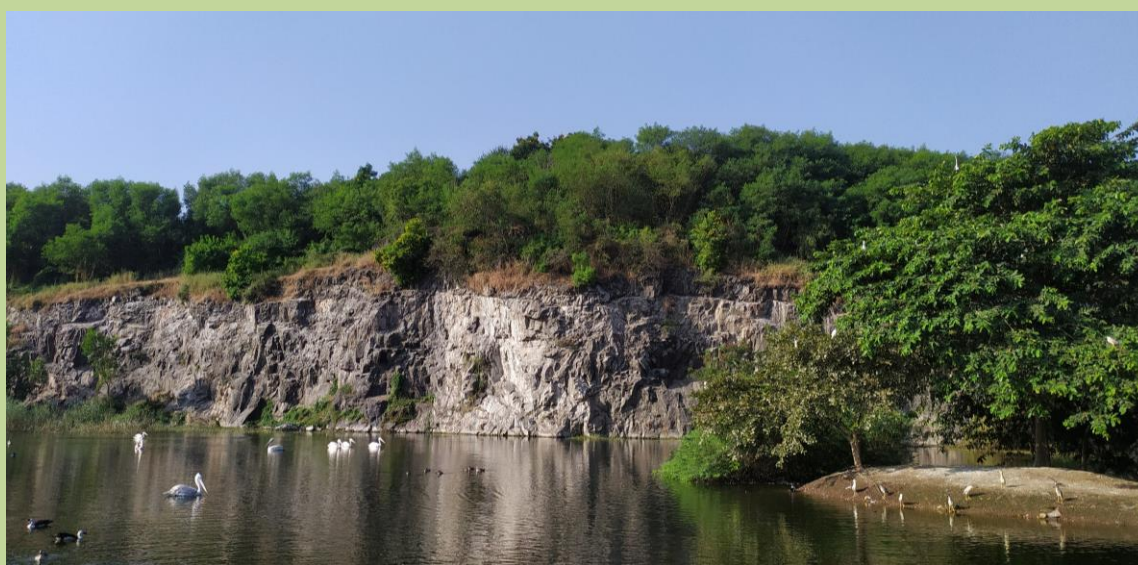


Free Ranging Indian Peafowl at Rajkot Zoological Park

About us

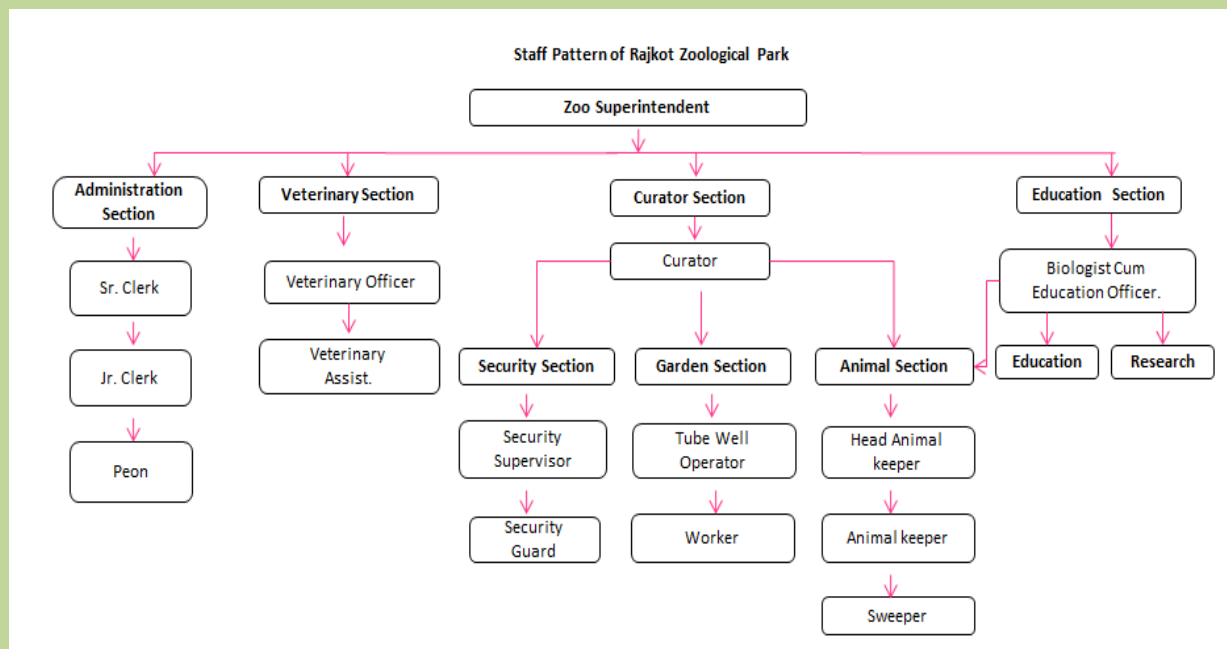
Sr. No.	Particulars	Information
Basic Information about the Zoo		
1	Name of the Zoo	RAJKOT ZOOLOGICAL PARK
2	Year of Establishment	14TH AUGUST 2010
3	Address of the Zoo	RAJKOT ZOOLOGICAL PARK, B/H OLD MARKETING YARD, BHICHARI ROAD, RAJKOT -360003 GUJARAT – INDIA
4	State	GUJARAT
5	Telephone Number	+91 9723200145
6	Fax Number	0281 – 2224258
7	E-mail address	rajkotzoo@yahoo.com
8	Website	UNDER PROGRESS
9	Distance from nearest	Airport: 10 KM
		Railway Station: 06 KM
		Bus Stand: 06 KM
10	Recognition Valid upto (Date)	27th September, 2020
11	Category of zoo	Medium
12	Area (in Hectares)	55.37 HECTARES
13	Number of Visitors (Financial Year) 2020-21	Adult : 1,78,640
		Children : 34,391
		Student group : 136
		Student groups on Thursday: 30
		Senior citizen: 465
		Total Visitors: 2,13,662

Sr. No.	Particulars	Information
14	Visitors' Facilities Available in Zoo	Interpretation Centre, Battery Operated Vehicle, CNG open Gypsy Car, Bicycles, Wheel Chair, Prams, Kiosks, Drinking water points, Rest huts, Toilets, Kinder Garden, Garden Etc.
15	Weekly Closure Day of the Zoo	FRIDAY
Management Personnel of the zoo		
16	Name with designation of the Officer in-charge	Dr. R.K.Hirpara, Zoo Superintendent
	Name of the Veterinary Officer	Dr. Upendra G. Patel
	Name of the Curator	Mr. Bhargav P. Bhatt
	Name of the Biologist cum Education Officer	Mr. Ravi C. Chauhan
	Name of the Veterinary Assistant	Mr. Manoj J. Gohel
Owner / Operator of the Zoo		
17	*Name of the Operator	RAJKOT MUNICIPAL CORPORATION
18	Address of the Operator	Rajkot Zoological Park, Behind Old Marketing Yard, Rajkot
19	Contact details/Phone number of Operator	Mo. 9978911245
20	E-mail address of Operator	rajkotzoo@yahoo.com



Duck Pond wetland landscape at Rajkot Zoological Park

Organizational Chart



Human Resources

Manpower of the Zoo

Sr. No.	Name of Post	Post Sanctioned	Post filled up
1	Zoo Superintendent	1	1
2	Veterinary Officer	1	1
3	Curator	1	1
4	Biologist cum Education Officer	1	1
5	Senior Clerk	1	1
6	Junior Clerk	1	1
7	Peon	2	1
8	Veterinary Assistant	1	1
9	Head Animal Keeper	1	1
10	Animal Keeper	18	17
Total		28	26

Out Sourced Manpower of the Zoo

Sr. No.	Name of Post	Post filled up
1	Ticket Operator	03
2	Driver	08
3	Maintenance Labor	15
4	Sweeper	06
4	Pump Operator	01
5	Security	36
Total		69

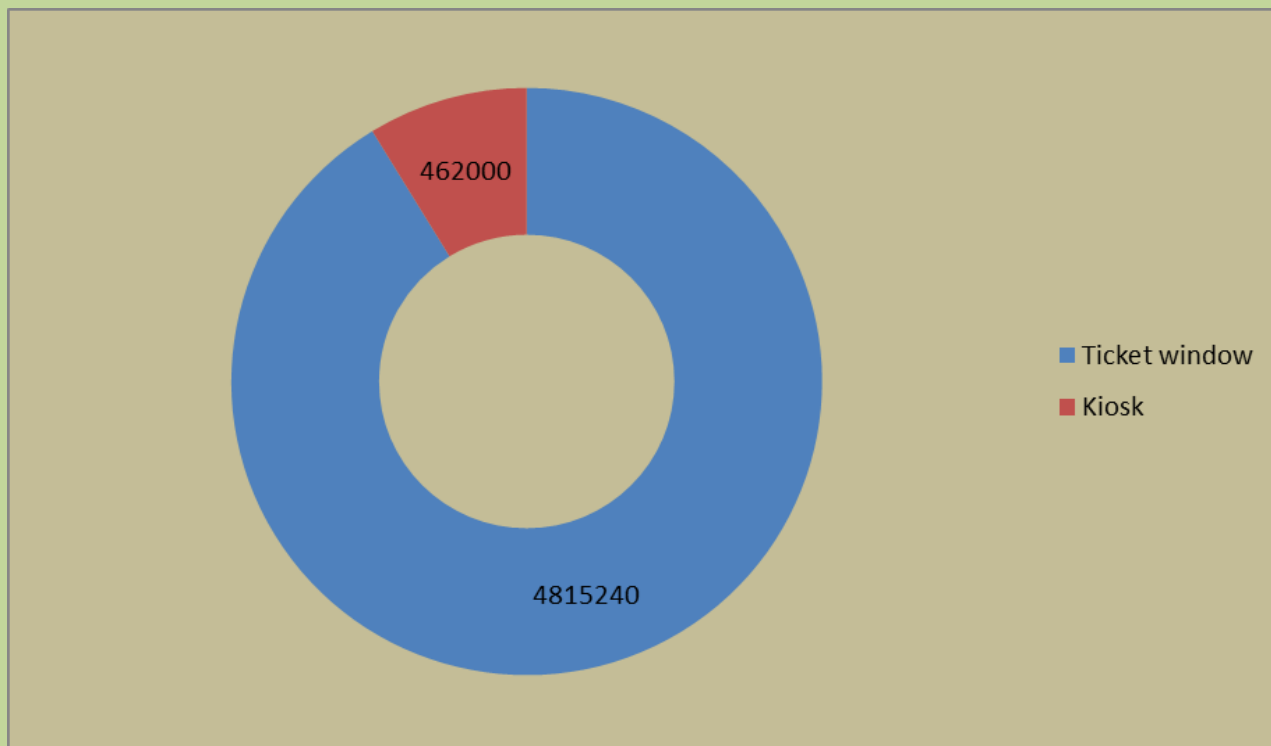
Statement of Income and Expenditure Details:

Rajkot zoological Park being one of the Developing zoos of the country and having naturalistic location is making RZP more attractive to the visitors. In the year 2020-21 Zoo had been visited by 2,13,662 visitors and with that total Rs. 48,15,240 income was generated. Apart from that Zoo also generate some income from kiosks inside the zoo which is Rs. 4.62 lakh in the year 2020-21. Total of Rs. 52,77,240 was generated during this year.

Table: Year 2020 – 21 revenue generated

Sr. No.	Particulars	Income in Rs.
1	Ticket window	48,15,240
2	Kiosk	4,62,000
	Total	52,77,240

Graph: Revenue generated (in Rs.52,77,240)

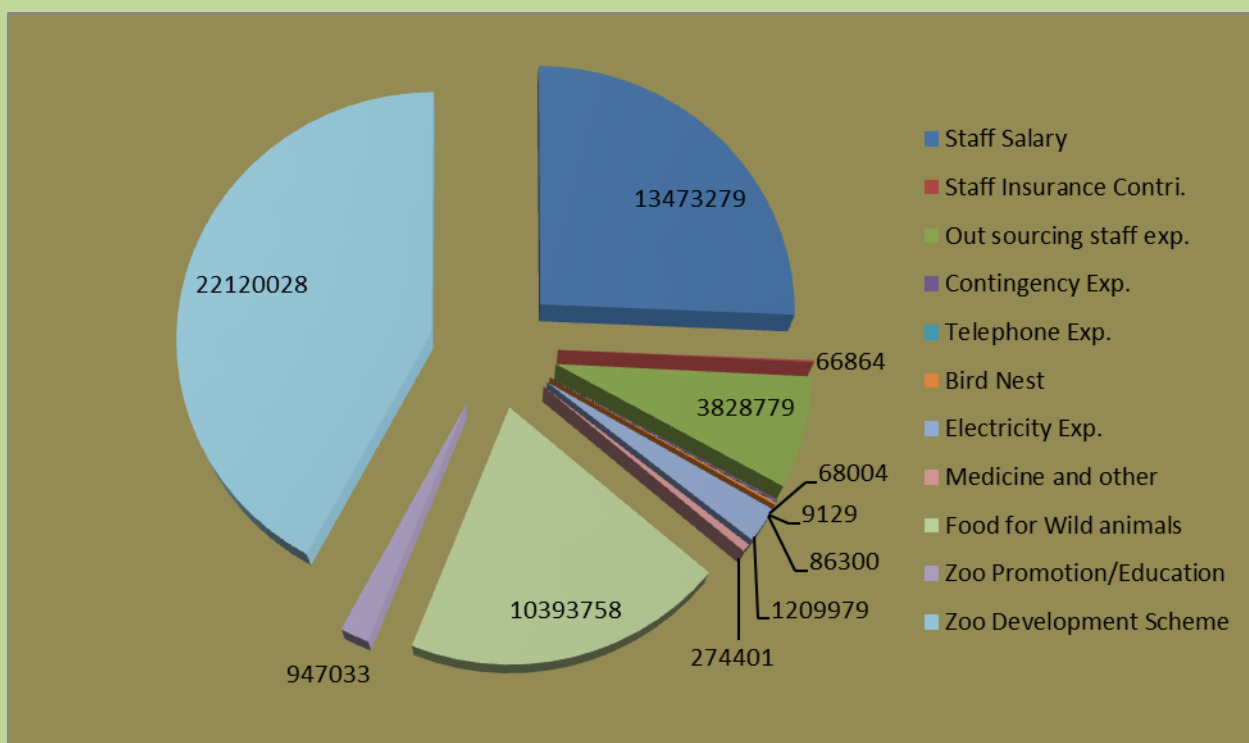


Expenditure 2020-21

Table: Annual Expenditure Details

Sr. No.	Particulars	Expenditure in Rs.
1	Staff Salary	1,34,73,279.00
2	Staff Insurance Contri.	66,864.00
3	Out sourcing staff exp.	38,28,779.00
4	Contingency Exp.	68,004.00
5	Telephone Exp.	9,129.00
	Bird Nest	86,300.00
6	Electricity Exp.	12,09,979.00
7	Medicine and other	2,74,401.00
8	Food for Wild animals	1,03,93,758.00
9	Zoo Promotion/Education	9,47,033.00
10	Zoo Development Scheme	2,21,20,028.00
	Total Expenditure	5,24,77,554.00

Graph: Annual Expenditure:



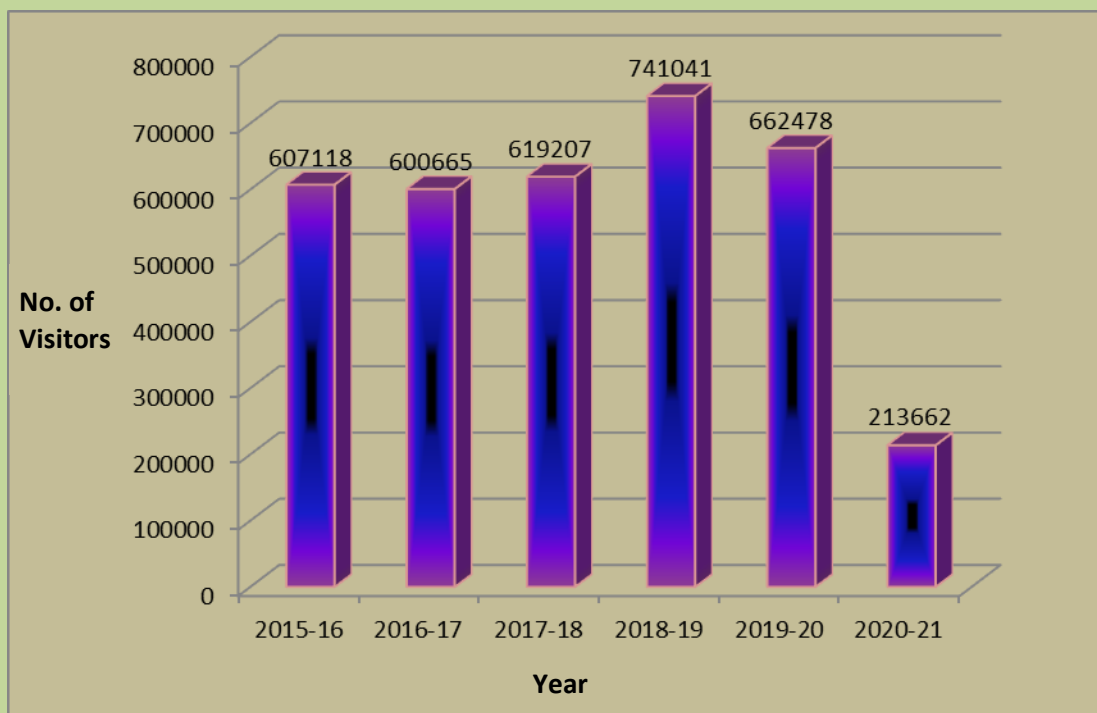
Visitation

Rajkot Zoological Park has been gradually developing and increasing its popularity among visitors and students in all over Gujarat and India with its natural landscaping and naturalistic immersing exhibits for animals and birds.

The year 2020-21 has been affected by Covid – 19 pandemic and zoo was closed for visitors from 17th March 2020 to 18th October 2020.

From October 2020 to March 2021 total 2,13,662 visitors has experienced the zoo visit at Rajkot Zoological park.

Visitor's information last Six years



Visitors during Diwali festivals

Daily feed and Schedule of animals

Sr. No.	Species	Feed item kg/animal	Quantity		Day of fasting
			Winter	Summer	
1	Lion	Beef	6-8	4-6	Friday
2	Tiger	Beef	6-8	4-6	Friday
3	Leopard	Beef	3-4	2-3	Friday
4	Wolf	Beef	2-3	2-3	Friday
5	Jackal	Beef	2	2	Friday
6	Mugger	Beef	2 kg/week	2 kg every 2 days	---
7	Gharial	Fish	1.0 kg every 2 days	1.5 kg Daily	---

Sr. No.	Species	Quantity (kg/animal/day)				Day of fasting
		Winter		Summer		
		Green Fodder	Con. Pellets	Green Fodder	Con. Pellets	
1	Sambar	15	0.750	12	0.75	---
2	Blackbuck	06	0.500	05	0.500	---
3	Chinkara	04	0.200	03	0.200	---
4	Hog deer	06	0.500	05	0.500	---
5	Spotted deer	06	0.500	05	0.500	---

Sr. No.	Species	Quantity and Item According to Season (01 animal/day)					
		Mix fruits/	Vegetables	Milk with rise and eggs	Mix Grain Roti	Honey	
1	Himalayan Bear	1.50 kg	---	1.5 lit, 400gm, 1 egg	3 Nos.	50 gm	---
2	Sloth Bear	1.50 kg	---	1.5 lit, 400gm, 1 egg	3 Nos.	50 gm	---
3	Primates	0.5 kg	0.25 kg	---	1 Nos.	---	---
4	Small Mammals	0.25 kg	0.25	1 egg	---	---	---
5	Birds	0.20 kg	0.2 kg	1 egg	0.1 kg mix grain	---	---

Vaccination and Deworming:

Annual Vaccination and deworming had been conducted as per schedule for every year. In the year 2020-21 all animals and birds had been dewormed every three months using different deworming drug every time for protection against endo and ecto parasites.

Vaccination Schedule of animals

Sl.No.	Species	Disease vaccinated for	Name of the Vaccine and dosage/ quantity used	Periodicity	Remarks
1	All Felines	Rabies, Calci virus, Herpis virus, Feline panleucopania	Biofel PCHR/ Feligen CRP	Every Year	---
2	All Canines	Parvo virus, Rabies, CD, Herpis Virus, Adeno Virus, Para influenza	Canine DHPPi and Anti Rabies	Every Year	---

De-worming Schedule of animals

Sr. No.	Species	Drug used	Month
1	Felines	Tab. Eazypet, Bol. Albomar, Bol. Panacur, Tab. Neomac	Each Drug every Three Months
2	Canines	Tab. Eazypet, Bol. Albomar, Bol. Panacur, Tab. Neomac	Each Drug every Three Months
3	Deer Species	Liq. Nilzan, Bol. Albomar, Bol. Panacur, Bol. Hitek	Each Drug every Three Months
4	Primates	Tab. Eazypet, Liq. Albomar, , Tab. Panacur, Liq. Hitek	Each Drug every Three Months
5	Bears	Tab. Eazypet, Bol. Albomar, Bol. Panacur, Tab. Neomac	Each Drug every Three Months
6	Birds	Liq. Albandazol, Liq Panacur, Liq. Hitek,	Each Drug every Three Months
7	Reptiles	Tab. Eazypet, Bol. Albomar, Bol Panacur,	Each Drug every Three Months

Disinfection Schedule

Sr. No.	Species	Type of enclosure	Disinfectant used and method	Frequency of disinfection
1	Carnivores species	Night Shelter and surroundings	Liquid Kohrsoline	Every Friday
2	Bear Species	Night Shelter and Surroundings	Liquid Kohrsoline	Every Friday
3	Primate	Night Shelter and Surroundings	Liquid Kohrsoline	Every Friday
4	Birds	Parrot Aviary, Pheasantry and surroundings	Liquid Kohrsoline	Every Fortnight



White Peafowl at Rajkot Zoological Park

Development Works carried out in the zoo during the year

- Exhibit and Other Work completed (2020-21):

Sr. No.	Development Work
1.	Indian Otter Exhibit completed
2.	Nature Education Camp Site Completed
3.	Const. of Bird hatchery behind parrot aviary
4.	Service footpath for Lion and Tiger Exhibit completed
5.	Construction of Enrichment shed for Lion, Tiger, White Tiger, Sloth Bear
6.	Construction of New Nursery Road kachha road



Indian Otter Exhibit



Newly created Nature Education Camp site at Rajkot Zoological Park



Asiatic lion Enrichment Shed and Platform

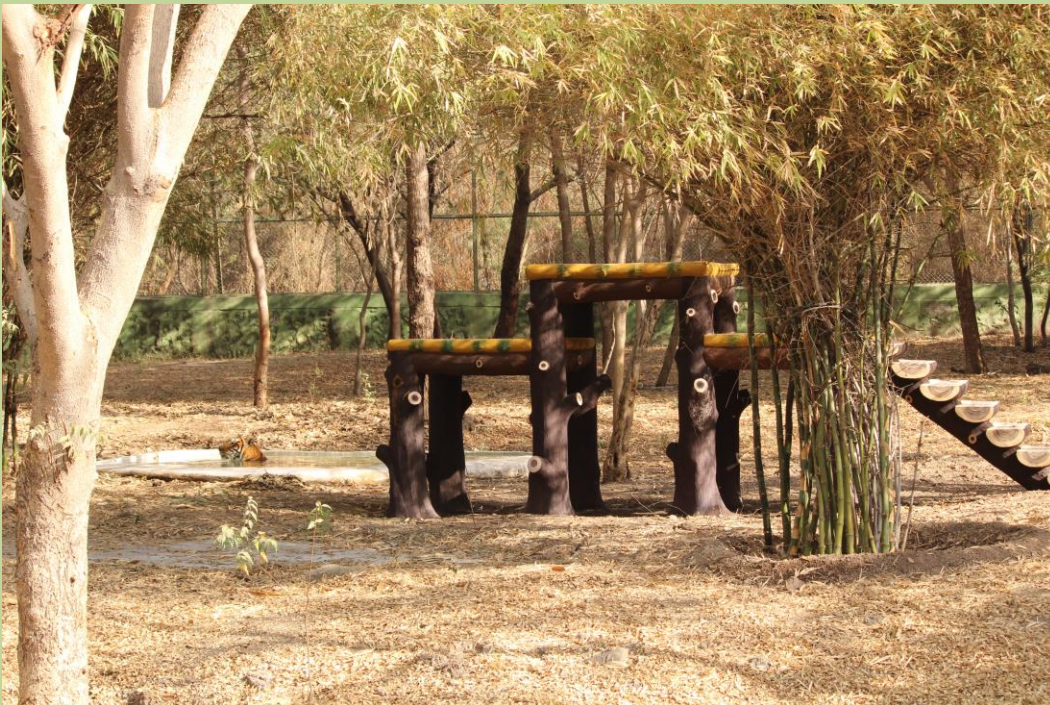


White Tiger Enrichment Shed and Platform



**Sloth Bear
Enrichment Shed
and platform**

**Hamdryas Baboon
Enrichment Shed and
platform**



**Royal Bengal Tiger
Enrichment Shed
and platform**



**Newly Created Bird Hatchery
at Rajkot Zoological Park**

Visitors' facility Created (2020-21):

Sr. No.	Development Work
1.	New animal informative, directional and instructional signages
2.	New national state symbol acrylic posters for visitors
3.	New Artistic Benches for visitors



New signages



Visitors' benches



National State Symbol posters

Pandemic covid – 19 Precautionary Measures undertaken at Rajkot Zoological Park

The Rajkot Zoological Park had been closed from 17th March 2020 for visitors to safeguard the animals, Staff and visitors against Covid – 19. Zoo has taken up all the necessary precautions guided by CZA and government.

Regular hand sanitization of entire zoo staff, regular temperature monitoring, social distancing, tyre bath at entry gate for all types of vehicles, Entire Zoo sanitization, animal sections sanitization and Rapid antigen test for whole staff were carried out. All such measures were under taken regularly at Rajkot Zoological Park.



Precautionary Measures undertaken at Rajkot Zoological Park

Zoo Reopening

As the Covid – 19 pandemic has affected zoos globally and due to that all the zoos in India had been shut down for visitors for some period of time till Lock Down was there in the country. Even after lock down removed gradually, zoos are closed for some more time as precautionary measures for the safety of staff, animals and visitors. Rajkot Zoo remained closed for almost 7 months from March 2020 to October 2020.

Rajkot Zoological Park was reopened in October 2020 with all the necessary precautionary measures and guideline given by CZA and Government.

From October 2020 to March 2021 total 2,13,662 visitors has experienced the zoo visit at Rajkot Zoological park.



Online Webinars

Education and Awareness programmes during the year

Rajkot Zoological Park had organized an online webinar on the occasion of World Environment Day 2020 as zoo was closed for visitors. This webinar was organized for students and faculties of Marvadi University, Rajkot.

The theme for the webinar was “TIME FOR NATURE” – Students are environment protectors and how they can contribute in nature conservation. The webinar was taken by Dr. R.K. Hirpara, Zoo Superintendent, Rajkot Zoological Park and Mr. Ravi C. Chauhan, Biologist cum Education Officer, Rajkot Zoological Park.



Environmental and Feeding Enrichment for Animals



Conservation Breeding Programme of the Zoo

Rajkot zoo is selected as a participating zoo for planned coordinated conservation breeding program of Asiatic lion and has succeed in breeding this spp. At Rajkot zoo total 49 Asiatic lion cubs born Till 2020. Thus there is good pool of knowledge and experience of breeding of Asiatic Lion which will be continued as part of zoo under development. For this facility existing old mini zoo at Aji Dam has been maintained as breeding centre for Asiatic Lion. Animal Exchange was done with Hyderabad Zoo to change the bloodline of Asiatic Lion with and exchange of One female A.Lion sent from Rajkot Zoo to Hyderabad Zoo and One Male A.Lion received from Hyderabad zoo.



Asiatic Lion at Rajkot Zoological Park

Animal Exchange 2020-21

Animal acquisition 2020-21

Sr. No.	Species	(M:F)	From which Zoo	Date of arrival in the zoo
1.	Asiatic Lion	1:0	Nehru Zoological Park, Hyderabad	05/03/2021
2.	Green Iguana	1:1	Nehru Zoological Park, Hyderabad	05/03/2021
3.	Royal Bengal Tiger	1:0	Rajiv Gandhi Zoological Park, Pune	05/03/2021

Animal Disposal 2020-21

Sr. No.	Species	(M:F)	Sent To	Date of arrival in the zoo
1.	Asiatic Lion	0:1	Nehru Zoological Park, Hyderabad	02/03/2021
2.	White Tiger	0:1	Rajiv Gandhi Zoological Park, Pune	02/03/2021
3.	Royal Bengal Tiger (White)	1:1	Indroda Nature Park, Gandhinagar	29/03/2021



Indroda Nature Park, Gandhinagar and Rajkot Zoo Animal Exchange



Animal Exchange of Rajkot Zoological Park with Hyderabad Zoo and Pune Zoo.

Annual Inventory 2020-21 (Animals under Schedule I and Schedule II of the Wild Life (Protection) Act, 1972)

Sr. No.	Animal Name	Scientific Name	Opening Stock As on 01-04-2020				Births			Acquisitions			Disposals			Deaths			Closing Stock As on 31-03-2021				
			M	F	U	T	M	F	U	M	F	U	M	F	U	M	F	U	M	F	U	T	
MAMMALS																							
1	LION INDIAN	<i>Panthera leo persica</i>	4	12	0	16	0	0	0	1	0	0	0	1	0	0	0	0	0	5	11	0	16
2	TIGER BENGAL	<i>Panthera tigris tigris</i>	0	1	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	1	1	0	2
3	TIGER BENGAL (WHITE)	<i>Panthera tigris tigris</i>	3	6	0	9	0	0	0	0	0	0	1	2	0	0	0	0	0	2	4	0	6
4	LEOPARD	<i>Panthera pardus</i>	1	1	0	2	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	1
5	INDIAN GERY WOLF**	<i>Canis lupus pallipes</i>	4	1	0	5	0	0	4	0	0	0	0	0	0	1	0	0	4	1	3	8	
6	JUNGLE CAT	<i>Felis chaus</i>	3	1	0	4	0	0	0	0	0	0	0	0	0	1	0	0	3	0	0	3	
7	JACKAL**	<i>Canis aureus</i>	3	8	0	11	0	0	0	0	0	0	0	0	0	0	0	0	4	7	0	11	
8	INDIAN FOX	<i>Vulpes bengalensis</i>	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
9	HIMALAYAN BLACK BEAR	<i>Selenarctos Thibetanus</i>	1	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	2	
10	SLOTH BEAR	<i>Ursus urnisus</i>	1	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	2	
11	CHHINKARA	<i>Gazella bennetti</i>	3	3	0	6	2	0	0	0	0	0	0	0	1	0	0	4	3	0	7		
12	BLACK BUCK	<i>Antelope cervicapra</i>	14	18	3	35	0	0	0	0	0	0	0	0	0	0	0	14	18	3	35		
13	BLACK BUCK (ALBINO)	<i>Antelope cervicapra</i>	2	1	1	4	0	0	0	0	0	0	0	0	0	0	0	2	1	1	4		
13	HOG DEER**	<i>Axis porcinus</i>	9	8	2	19	1	3	3	0	0	0	0	0	0	1	0	10	10	5	25		
Total MAMMALS			48	63	6	117	3	3	7	2	0	0	1	3	0	2	3	0	52	59	12	123	
REPTILES																							
1	MARSH CROCODILE	<i>Crocodylus palustris</i>	1	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	2	
2	GHARIAL	<i>Gavialis gangeticus</i>	2	2	0	4	0	0	0	0	0	0	0	0	0	0	0	2	2	0	4		
3	COBRA INDIAN	<i>Naja naja</i>	1	1	0	2	0	0	0	0	0	0	0	0	0	0	0	1	1	0	2		
4	INDIAN ROCK PYTHON	<i>Python molurus</i>	2	2	0	4	0	0	0	0	0	0	0	0	0	0	0	2	2	0	4		
Total REPTILES			6	6	0	12	0	0	0	0	0	0	0	0	0	0	0	6	6	0	12		
PRIMATES																							
1	COMMON LANGUR	<i>Presbytis entellus</i>	2	2	0	4	0	0	0	0	0	2	0	0	0	0	0	0	2	0	2		
2	RHESSU MACAQUE	<i>Macaca mulatta</i>	2	3	0	5	0	0	0	1	0	0	0	0	0	0	0	2	4	0	6		
3	BONNET MACAQUE	<i>Macaca radiata</i>	2	1	0	3	1	0	0	0	0	0	0	0	0	0	0	3	1	0	4		
Total PRIMATES			6	6	0	12	1	0	0	1	0	2	0	0	0	0	0	5	7	0	12		
BIRDS																							
1	KALIJ PHEASANT	<i>Lophura leucomelanos</i>	1	1	0	2	0	0	0	0	0	0	0	0	0	1	0	1	0	0	1		
2	WHITE PEHite peafowl	<i>Pavo cristatus</i>	1	1	0	2	0	0	0	0	0	0	0	0	0	0	0	1	1	0	2		
Total Birds			2	2	0	4	0	0	0	0	0	0	0	0	1	0	2	1	0	3			
TOTAL ANIMALS			62	77	6	145	4	3	7	2	1	0	3	3	0	2	4	0	65	73	12	150	

Other than Endangered Species

Sr. No.	Animal Name	Scientific Name	Opening Stock As on 01-04-2020				Births			Acquisitions			Disposals			Deaths			Closing Stock As on 31-03-2021			
			M	F	U	T	M	F	U	M	F	U	M	F	U	M	F	U	M	F	U	T
MAMMALS																						
1	Spotted Deer **	<i>Axis axis</i>	5	6	4	15	0	0	1	0	0	0	0	0	0	1	3	0	5	4	3	12
2	Sambar	<i>Cervus unicolor</i>	7	11	1	19	1	0	1	0	0	0	0	0	0	1	0	0	8	10	2	20
3	Stripped hyena	<i>hyaena hyaena</i>	2	2	0	4	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0	4
4	Palm Civet cat	<i>paradoxurus hermaphroditus</i>	1	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	2
5	Indian Porcupine	<i>hystrix indica</i>	1	1	2	4	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	4
Total MAMMALS			16	21	7	44	1	0	2	0	0	0	0	0	1	4	0	17	18	7	42	
REPTILES																						
1	Star Tortoise	<i>Geochelone elegans</i>	2	3	5	10	0	0	0	0	0	0	0	0	0	0	0	2	3	5	10	
2	sand boa common	<i>Gongylophis conicus</i>	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2
3	Snake keelback	<i>Xenochrophis piscator</i>	2	2	0	4	0	0	0	0	0	0	0	0	1	0	0	1	2	0	3	
3	green iguana	<i>Iguana iguana</i>	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	1	1	0	2	
Total REPTILES			4	5	7	16	0	0	0	1	1	0	0	0	1	0	0	4	6	7	17	
PRIMATES 1																						
	Hamadryas baboon	<i>Papio hamadryas</i>	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
Total PRIMATES			0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	
TOTAL ANIMALS			20	27	14	61	1	0	2	1	1	0	0	0	2	4	0	21	25	14	60	



Sr. No.	Animal Name	Scientific Name	Opening Stock As on 01-04-2020				Births			Acquisitions			Disposals			Deaths			Closing Stock As on 31-03-2021					
			M	F	U	T	M	F	U	M	F	U	M	F	U	M	F	U	M	F	U	T		
BIRDS																								
1	Great White Pelican	<i>Pelecanus onnocrotalus</i>	4	8	0	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	8	0	12
2	Dalmation Pelican	<i>Pelecanus crispus</i>	1	2	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	0	3
3	Golden Pheasant	<i>Chrysolophus pictus</i>	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
4	Silver Pheasant	<i>Lophura nycthemera</i>	2	2	2	6	0	0	2	0	0	0	0	0	0	0	0	0	0	0	3	3	2	8
5	Ring neck Pheasant**	<i>Phasianus colchicus</i>	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
6	Lady Amherst Pheasant	<i>Chrysolophus amherstiae</i>	2	2	0	4	0	0	0	0	0	0	0	0	0	1	0	0	0	0	2	1	0	3
7	Spot Billed Duck	<i>Anas poecilornyncha</i>	2	3	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	3	0	5
8	Emu	<i>Dromaius Novaehollandiae</i>	1	1	1	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	3
9	Cocktiel	<i>Nymphicus hollandicus</i>	15	15	17	47	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15	15	17	47
10	Budgriger	<i>Melopsittacus undulatus</i>	0	0	64	64	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	64	64
11	Indian Horned owl	<i>Bubo bengalensis</i>	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
12	Osrich	<i>Struthio camelus</i>	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
13	Red jungle fowl **	<i>Gallus gallus</i>	2	5	2	9	0	0	2	0	0	0	0	0	0	0	0	0	0	0	3	6	2	11
14	Parakeet Alexandrine	<i>Psittacula eupatria</i>	4	4	0	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	4	0	8
15	Parakeet Rose ring	<i>Psittacula krameri</i>	4	4	1	9	0	0	4	0	0	0	0	0	0	0	0	0	0	0	5	5	3	13
16	Ibis White	<i>Threskiornis melanocephalus</i>	4	4	0	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	4	0	8
17	Heron night	<i>Nycticorax nycticorax</i>	5	5	3	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	5	3	13
18	Cormorante Little	<i>Microcarbo niger</i>	3	3	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	3	0	6
19	Comb duck	<i>Sarkidiornis melanotos</i>	5	5	0	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	5	0	10
20	African grey Parrot	<i>Psittacus erithacus</i>	1	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	2
21	Conure	<i>Psittaciformes</i>	1	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	2
22	Finch	<i>Fringillidae</i>	5	5	0	10	0	0	0	5	5	0	0	0	0	0	0	0	0	0	5	5	0	10
TOTAL ANIMALS			62	73	90	225	0	0	8	5	5	0	0	0	0	0	1	0	0	65	75	92	232	

Birth at Rajkot Zoological Park 2020-21

SR. NO.	SPECIES NAME	SCIENTIFIC NAME	SEX	DATE OF BIRTH
Mammals				
1	Sambar Deer	<i>Cervus unicolor</i>	0:0:1	03/04/2020
2	Bonnate macaque	<i>Macaca radiate</i>	0:0:1	05/06/2020
3	HOG DEER	<i>Axis porcinus</i>	1:0	08/07/2020
4	HOG DEER	<i>Axis porcinus</i>	0:1	15/07/2020
5	HOG DEER	<i>Axis porcinus</i>	0:1	12/08/2020
6	HOG DEER	<i>Axis porcinus</i>	0:1	26/09/2020
7	CHHINKARA	<i>Gazella gazelle bennettii</i>	1:0	02/11/2020
8	INDIAN WOLF	<i>Canis lupus palipus</i>	0:0:4	03/12/2020
9	SAMBER DEER	<i>Cervus unicolor</i>	1:0	06/12/2020
10	SPOTTED DEER	<i>Axis axis</i>	1:0	07/12/2020
11	HOG DEER	<i>Axis porcinus</i>	0:0:1	08/12/2020
12	HOG DEER	<i>Axis porcinus</i>	0:0:1	14/01/2021
13	CHHINKARA	<i>Gazella gazelle bennettii</i>	1:0	20/02/2021
14	HOG DEER	<i>Axis porcinus</i>	0:0:1	12/03/2021
Birds				
	ROSE RING PARAKEET	<i>Psittacula krameri</i>	0:0:1	07/04/2020
	ROSE RING PARAKEET	<i>Psittacula krameri</i>	0:0:1	09/04/2020
1	ROSE RING PARAKEET	<i>Psittacula krameri</i>	0:0:1	01/05/2020
2	ROSE RING PARAKEET	<i>Psittacula krameri</i>	0:0:1	16/05/2020
3	RED JUNGLE FOWL	<i>Gallus gallus</i>	0:0:2	27/03/2021
4	SILVER PHEASANT	<i>Lophura nycthemera</i>	0:0:2	29/03/2021

Death at Rajkot Zoological Park 2020-21

SR. NO.	ANIMAL NAME (With individual identification mark, if any)	SCIENTIFIC NAME	SEX	DATE OF DEATH	CAUSE OF DEATH
<u>Mammals</u>					
1	HOG DEER	<i>Axis porcinus</i>	male	16/05/2020	Septisemia
2	LEOPARD	<i>Panthera pardus</i>	female	22/09/2020	Might be died due to snake bite
3	SPOTTED DEER	<i>Axis axis</i>	Female	23/09/2020	Multi organ failure with old age complication
4	CHHINKARA	<i>Gazella bennetti</i>	Male	01/11/2020	Shock and acute pneumonia
5	SPOTTED DEER	<i>Axis axis</i>	Female	10/12/2020	Broncho pneumonia
6	SAMBER	<i>Cervis unicolor</i>	Female	28/12/2020	Natural death due to old age
7	SPOTTED DEER	<i>Axis axis</i>	Female	20/01/2021	Chronic Suppurative pneumonia
8	INDIAN GERY WOLF	<i>Canis lupus pallipes</i>	Male	26/01/2021	General weakness and pneumonia
9	SPOTTED DEER	<i>Axis axis</i>	Male	30/01/2021	Might be died due to snake bite
10	JUNGLE CAT	<i>Felis chaus</i>	Female	15/03/2021	Might be died due to snake bite
<u>Reptiles</u>					
1	Snake keelback	<i>Xenochrophis piscator</i>	male	16/04/2020	Gasro enteritis
<u>Birds:</u>					
1	KALIJ PHEASANT	<i>Lophura leucomelanos</i>	Female	06/06/2020	Death due to the infight
2	Lady Amherst Pheasant	<i>Chrysolophus amherstiae</i>	Female	30/03/2021	Death due to the infight

Important Events at Rajkot Zoological Park

Continues Second year Birth of Indian Wolf at Rajkot Zoological Park

Rajkot Zoological Park has one pair of Indian Wolf (*Canis lupus palipus*) and previous year born wolf pups 03 male, total population 4:1 Indian wolf. The breeding pair have created natural den in their exhibit only. In the month of December 04 pups were observed inside the den. All are healthy and both male and female taking proper care of pups. In the month of January one pup died which was male. The other 03 pups are healthy and active in parental care. Mother observed to be remaining inside the den most of the time and only came out during night. Wolf pups were also observed during night through CCTV camera placed in exhibit area and also in night shelter.

At present total 4:1:3 healthy Indian Wolf available at Rajkot Zoological Park. Pups and breeding pair observed continuously through CCTV and with physical observations for monitoring.



Wolf Pups

Central Zoo Authority has approved the Master Plan of Rajkot Zoological Park, Rajkot.



Rajkot Zoological Park

(Managed by Rajkot Municipal Corporation)

Master Plan

2018-19 to 2037-38

A Comprehensive Plan for Futuristic Development

Prepared by

(Dr. R. K. Hirpara)

Zoo Superintendent

Rajkot Zoological Park

Rajkot

Counter Signed by

(C. B. Ganatra)

Dy. Commissioner

Rajkot Municipal Corporation

Rajkot

Counter Signed by

(Banchhanidhi Pani)

Commissioner

Rajkot Municipal Corporation

Rajkot

The Master Plan of the Rajkot Zoological Park, Rajkot, Gujarat was placed before the 90th Meeting of the Technical Committee, CZA held on 06.06.2019 & subsequently in the Central Zoo Authority in its 35th Meeting held on 29.08.2019. This has been approved by the Central Zoo Authority subject to condition that the responsibility of mobilizing financial resources for implementation of the Master Plan will be sole responsibility of the Rajkot Municipal Corporation, Rajkot, Gujarat.

Authenticated
MS(CZA)

डॉ. एस. पी. यदव / Dr. S. P. Yadav

सदस्य सचिव / Member Secretary

केन्द्रीय चिड़ियाघर प्राधिकरण / Central Zoo Authority

पर्यावरण वन और जलवायु परिवर्तन मंत्रालय

Ministry of Environment, Forest & Climate Change

भारत सरकार, नई दिल्ली

Govt. of India, New Delhi



Compliance with conditions stipulated by the Central Zoo Authority



Rajkot Zoological Park (Rajkot Municipal Corporation)



RMC/EZ/ZOO/VET/NO. 49

Regi. Ad
E-mail

Dt. 13/04/2018

To,

✓ The Member Secretary
Central Zoo Authority,
B-1 Wing, 6th floor,
Paryavaranbhawan, CGO complex,
Lodhi Road, New Delhi – 110003

Sub: Renewal of recognition to the Rajkot Zoological Park, Rajkot, Gujarat beyond 31.07.2016 under section 38H(1) of the wildlife (Protection) act,1972 – reg.

Ref: Your office letter F. No. 19-48/92-CZA(75)(Vol.VII)PKR/1857, dated 27.10.2017

Respected Sir,

With reference to subject & reference cited above, Rajkot Zoological Park herewith submitting the half yearly report regarding progress made in implementation of the below conditions for your kind perusal.

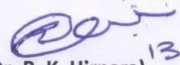
S. no.	Norm no.	Condition stipulated	Remarks
1. General requirement			
1.	1(2)	The Zoo should not plant any ornamental plant species inside the animal exhibits. The crotons planted inside the porcupine exhibit should be phased out.	Condition Complied
2.	1(3)	The keeper and security staff of the zoo were seen parking their two wheelers on the visitors' pathway inside the zoo at several places which should be stopped. Rather the vehicle should be parked in the designated off exhibit area.	Condition Complied
2. Development and planning			
3.	3(8)	The zoo has been receiving the rescued animals like Rhesus macaques and Jackal and the same are being housed in exhibit while the zoo already has exhibit for such species. Prior approval for all such animals should have got obtained from CWLW of the State and CZA	Condition Complied
4. Animal housing, display of animals and animal enclosures			
4.	4(1)	<ul style="list-style-type: none"> ✓ Rhesus macaque exhibit: The viewing area to visitors to be reduced to 25% of the total exhibit area. ✓ Common Langur exhibit: the variety of hedge provided as stand-off barrier is of ornamental 	<ul style="list-style-type: none"> ✓ Condition Complied ✓ Condition Complied

D:\2018-19\April-18\Evaluation letter CZA\Reply letter evaluation 2017 Dt. 13.04.2018.docx

"Rajkot Zoological Park" Near Marketing yard, Rajkot – 360 003. (Gujarat),
Ph.: +9199789 11245, Fax: 0281-2224258, Email- rajkotzoo@yahoo.com, URL: www.rajkotzoo.com

		<p>in nature, may be replaced with native species.</p> <ul style="list-style-type: none"> ✓ Wolf: Den to be made naturalistic, visual barrier to stop viewing of animal house ✓ Jackal & Fox: Animal houses to be camouflaged ✓ Crocodile: Sand to be provided for basking ✓ The drip irrigation pipeline provided in each enclosure should be hidden. In most exhibits they were seen hanging and should be placed in such a manner that animals housed therein should not be able to interact and consume. ✓ The Reptile house should have adequate ventilation and provision for sun light. ✓ The Bird exhibit provided with glass for viewing has reflection of the visitors. It should be addressed. 	<ul style="list-style-type: none"> ✓ Condition Complied, Hedges planted to stop viewing of animal houses ✓ Under progress ✓ Condition Complied ✓ Condition complied ✓ Condition Complied ✓ Condition Complied
5. Upkeep and Healthcare of animals			
5.	5(6)	Keepers to be posted at Reptile House should be provided with adequate training by sending them to other zoos which have reptiles in their collection.	Condition Complied
6.	5(10)	The records of observations of biological and social behaviour and health status of the animals including feed intake, medication and treatment provided in the keepers' diary, Daily reports, Animal history cards and Treatment cards, are not being maintained as specified by the central Zoo Authority. It should be maintained as per the CZA prescribed formats.	Condition Complied
6. Veterinary and infrastructure facilities			
7.	6(1)	The zoo has hospital building but the same is not being utilized and lying nonfunctional. None of the staff including Veterinary Officer of the zoo spends time in his office, neither the lab with basic facilities is established so far.	Condition Complied
9. Acquisition and breeding of animals:			
8.	9(8)	The Zoo has failed to mark its all animals. The same should be done on priority.	Under Progress

Yours faithfully,


(Dr. R. K. Hirpara) 13.4.18
 Zoo Superintendent
 Rajkot Zoological Park

D:\2018-19\April-18\Evaluation letter CZA\Reply letter evaluation 2017 Dt. 13.04.2018.docx

"Rajkot Zoological Park" Near Marketing yard, Rajkot - 360 003. (Gujarat),
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Free Living Species occurring in the Zoo Campus – Fauna



Birds

1	Great crested grebe	37	Shikra
2	Little grebe	38	Osprey
3	Great cormorant	39	Peregrine falcon
4	Little cormorant	40	Common quail
5	Darter	41	Rain quail
6	Large egret	42	Grey francolin
7	Purple heron	43	Indian peafowl
8	Grey heron	44	White breasted water hen
9	Black crowned night heron	45	Water cock
10	Indian pond heron	46	Common moorhen
11	Cattle egret	47	Purple moorhen
12	Median egret	48	Common coot
13	Little egret	49	Pheasant tailed jacana
14	Painted stork	50	Black winged stilt
15	Asian open bill stork	51	Stone curlew
16	Oriental white ibis	52	Red wattle lapwing
17	Black ibis	53	River tern
18	Glossy ibis	54	Blue rock pigeon
19	Eurasian spoonbill	55	Eurasian collared dove
20	Lesser flamingo	56	Red collared dove
21	Greater flamingo	57	Little brown dove
22	Brahminy duck	58	Rose ringed parakeet
23	Comb duck	59	Brain fever bird
24	Lesser whistling duck	60	Pied crested cuckoo
25	Northern pintail	61	Asian koel
26	Common teal	62	Greater coucal
27	Spot billed duck	63	Brown owl
28	Gadwall	64	Eurasian eagle owl
29	Eurasian pigeon	65	Spotted owl
30	Northern shoveller	66	House swift
31	Garganey	67	Common Indian nightjar
32	Common pochard	68	Lesser pied kingfisher
33	Tufted pochard	69	Small blue kingfisher
34	Black shoulder kite	70	White breasted kingfisher
35	Honey buzzard	71	Blue cheeked bee eater
36	Black kite	72	Indian roller

73	Common hoopoe	89	Asian paradise flycatcher
74	Coppersmith barbet	90	Grey headed flycatcher
75	Wire tailed swallow	91	Rufous fronted prinia
76	Great grey shrike	92	Ashy prinia
77	Rufous shrike	93	Common tailor bird
78	Eurasian golden oriole	94	Oriental magpie robin
79	Black drongo	95	Indian robin
80	Rosy starling	96	Yellow wagtail
81	Brahminy starling	97	White wagtail
82	Common myna	98	Purple sunbird
83	Indian Treepie	99	Oriental white eye
84	House crow	100	House sparrow
85	Common iora	101	Baya weaver
86	Red vented bulbul	102	Black breasted weaver
87	Large grey babbler	103	Red munia
88	Ticklell's blue flycatcher	104	White throated munia

Reptiles

1	Common sand boa
2	Trinket
3	Wolf snake
4	Checkered kill back
5	Rat snake
6	Cobra

7	Saw scaled viper
8	Krait
9	Garden lizard
10	Monitor Lizard
11	Indian Pond Turtle
12	Star tortoise

Mammals

1	Indian hare
2	Porcupine
3	Mongoose common
4	Hedge-hog
5	Jungle cat
6	Five Striped Squirrel

The Message is Simple: Love and Conserve Wildlife

Steve Irvin

Never Doubt a small group of thoughtful, committed citizens can change the world; indeed, it's the only thing that ever has – Margaret Mead



RAJKOT ZOOLOGICAL PARK



Behind Old Marketing Yard, Bhichari Road,
Rajkot Junagadh Highway, Rajkot – 360005
Email: rajkotzoo@yahoo.com