

## 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 hectares. 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 two kilometers 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.

Improvement and development activities in any established institute has to be a regular feature. The expected results could be achieved only if contemplated activities are planned in advance, in a systematic way. In the year 2018-19 there had been many major exhibits planned and constructed.

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 Gohel, Veterinary Asst., of Rajkot Zoological Park for preparation of Annual Report. I would like to convey my thanks all employees of Rajkot Zoological Park who have contributed for the development of Rajkot Zoological Park.

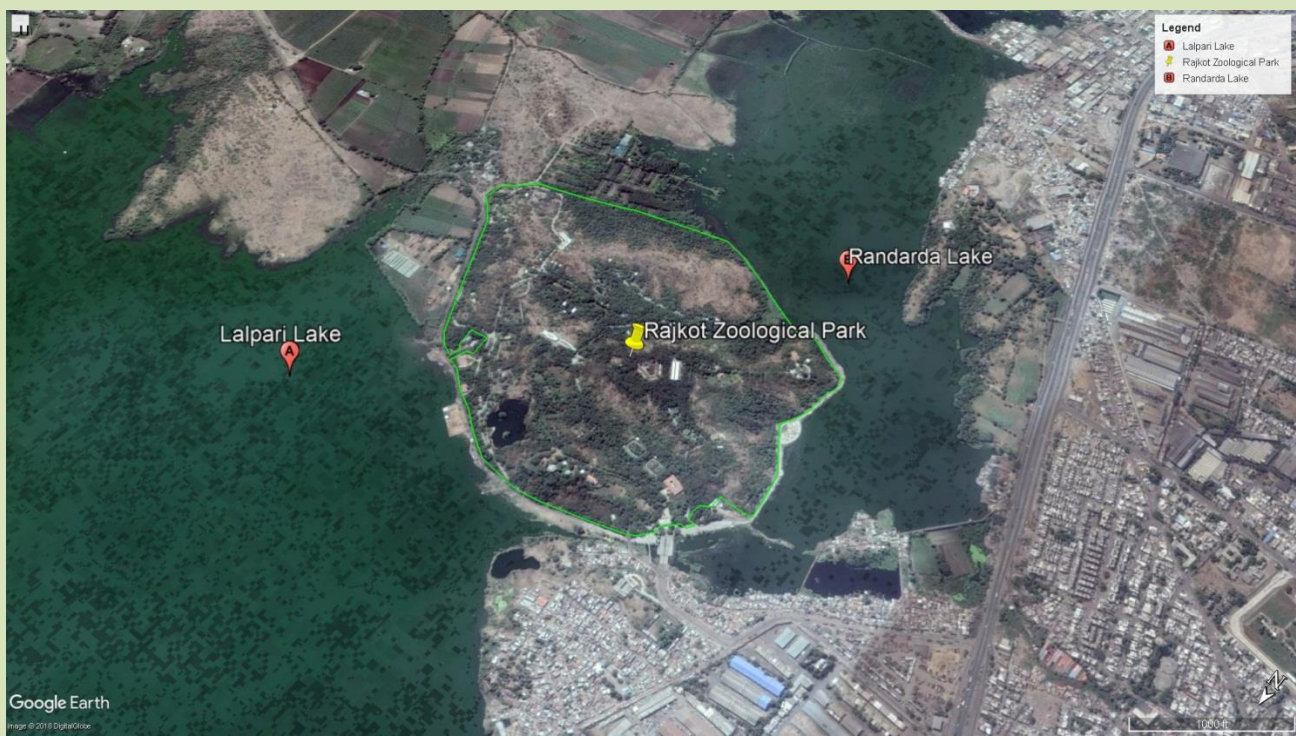
**(Dr R. K. Hirpara)**

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 hac 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 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.



### About us

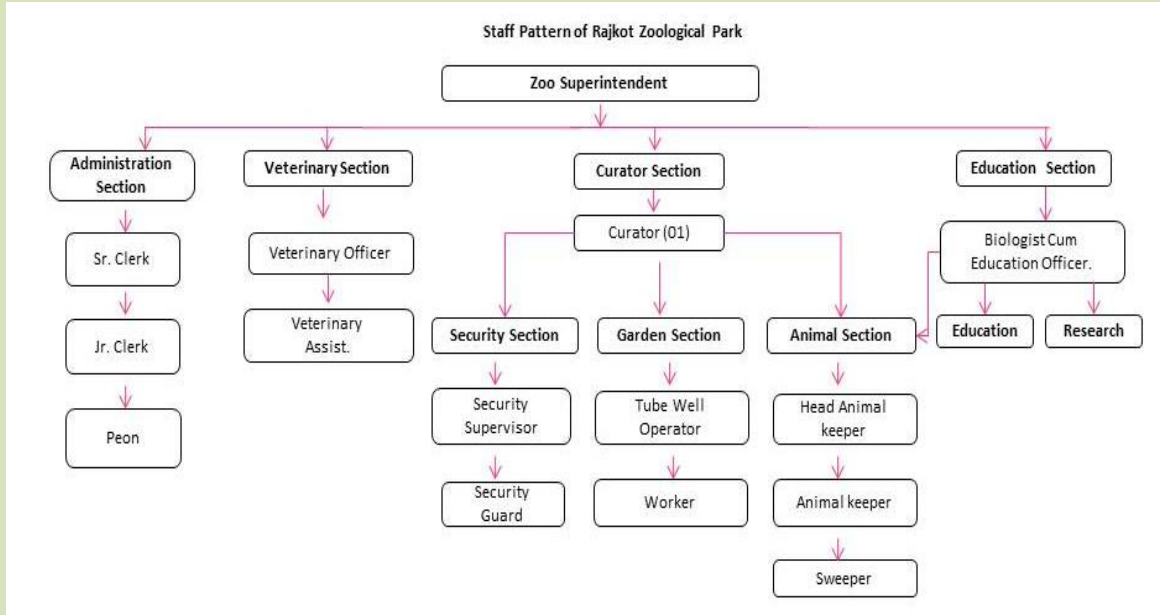
Sr. No.	Particulars	Information
<b>Basic Information about the Zoo</b>		
1	Name of the Zoo	<b>RAJKOT ZOOLOGICAL PARK</b>
2	Year of Establishment	<b>14<sup>TH</sup> AUGUST 2010</b>
3	Address of the Zoo	<b>RAJKOT ZOOLOGICAL PARK, B/H OLD MARKETING YARD, BHICHARI ROAD, RAJKOT -360003 GUJARAT – INDIA</b>
4	State	<b>GUJARAT</b>
5	Telephone Number	<b>+91 9723200145</b>
6	Fax Number	<b>0281 – 2224258</b>
7	E-mail address	<b>rajkotzoo@yahoo.com</b>
8	Website	<b>UNDER PROGRESS</b>
9	Distance from nearest	<b>Airport: 10 KM</b>
		<b>Railway Station: 06 KM</b>
		<b>Bus Stand: 06 KM</b>
10	Recognition Valid upto (Date)	<b>27<sup>th</sup> September, 2020</b>
11	Category of zoo	<b>Medium</b>
12	Area (in Hectares)	<b>55.37 HECTARES</b>
13	Number of Visitors (Financial Year) 2018-19	<b>Adult : 5,70,696</b>
		<b>Children : 1,25,115</b>
		<b>Student group : 42,173</b>
		<b>Student groups on Thursday: 1606</b>
		<b>Senior citizen:1451</b>
	<b>Total Visitors: 7,41,041</b>	

Sr. No.	Particulars	Information
14	Visitors' Facilities Available in Zoo	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
<b>Management Personnel of the zoo</b>		
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
<b>Owner / Operator of the Zoo</b>		
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





## 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	18
	<b>Total</b>	<b>28</b>	<b>27</b>

### 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
	<b>Total</b>	<b>69</b>

## 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. R.K.Hirpara Zoo Superintendent	Annual Conference of Indian Zoos	12/11/2018 to 15/11/2018	Nawab Wajid Ali Shah Zoological Garden, Lucknow
2	Dr. Upendra Patel Veterinary Officer	Recent Trends in Captive Wild animals management	07/01/2019 to 09/01/2019	Sri Chamarajendra Zoological Garden, Mysuru
3	Mr. Soyab Sherasiya Animal Keeper	Specilized theme based programme for zoo keepers	19/02/2019 To 25/02/2019	Dr. Shyama Prasad Mukharji Zoological Garden, Surat
4	Shri Bhargav Bhatt Curator	Middle level Zoo Management officers training program	15/03/2019 To 16/03/2019	National Zoological Park, New Delhi



National Zoo Veterinarian training at Sri Chamarajendra Zoological Gardens, Mysuru



**Middle level Management Officer training Program at National Zoological Park, New Delhi**



**Specialised theme based programme for zoo keepers at  
Dr. Shyama Prasad Mukherje Zoological Park, Surat**

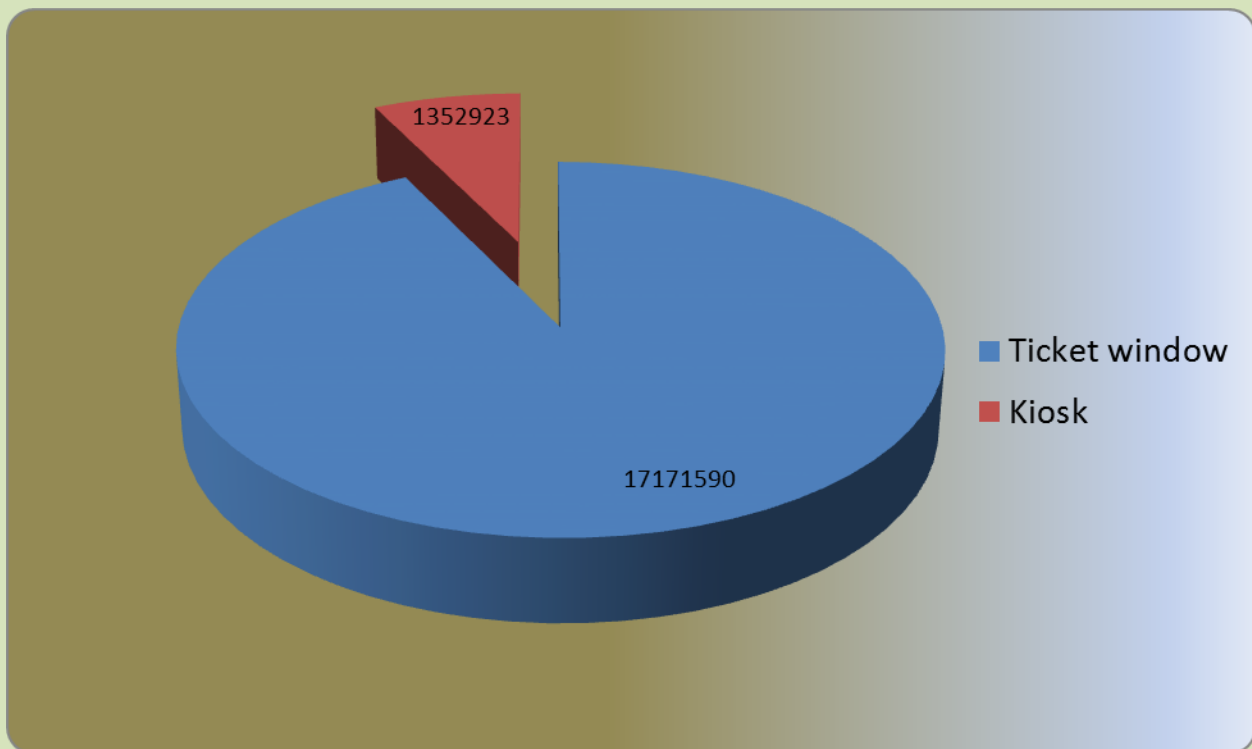
### Income and Expenditure Details:

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 2018-19 number of zoo visitors has increased. In the year 2018-19 Zoo had been visited by 7,41,041 visitors and with that total Rs. 1,71,71,590 income was generated. Apart from that Zoo also generate some income from kiosks inside the zoo which is Rs. 13,52,923 in the year 2018-19. Total of Rs. 1,85,24,513 was generated during this year.

**Table: Year 2018 – 19 revenue generated**

Sr. No.	Particulars	Income in Rs.
1	Ticket window	1,71,71,590
2	Kiosk	13,52,923
	<b>Total</b>	<b>1,85,24,513</b>

**Graph: Revenue generated (in Rs.)**

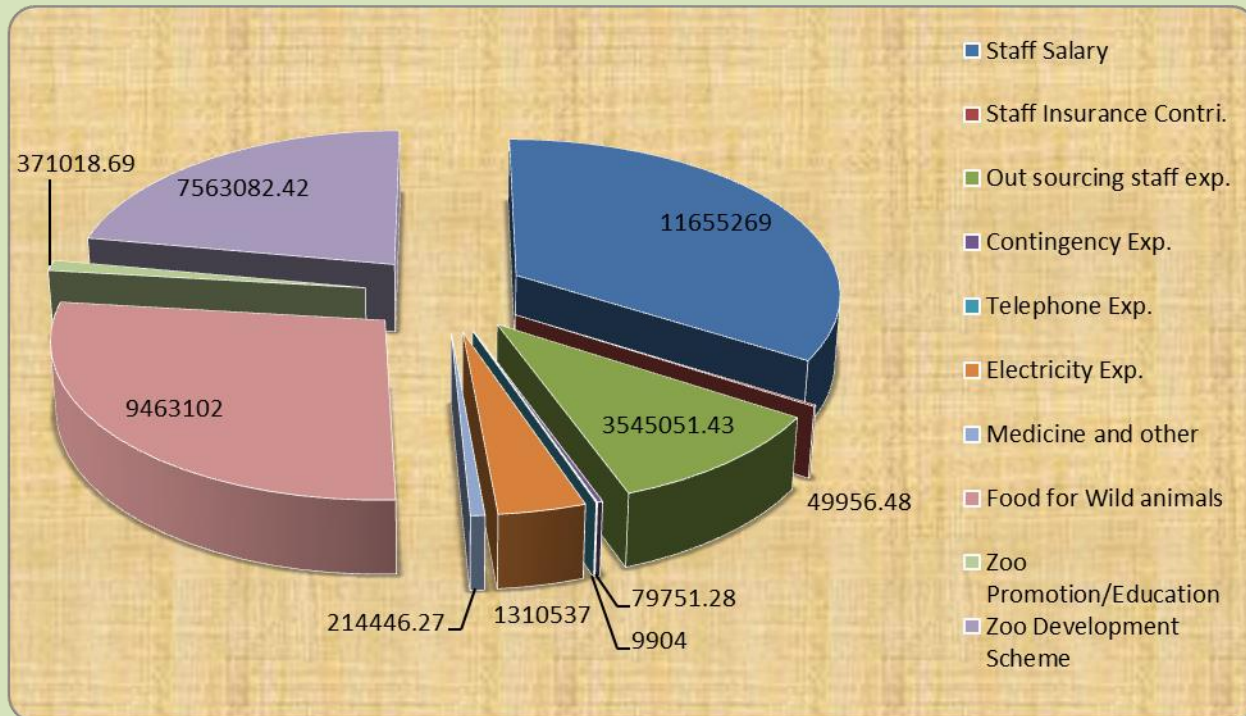


## Expenditure 2018-19

**Table: Annual Expenditure Details**

Sr. No.	Particulars	Expenditure in Rs.
1	Staff Salary	1,16,55269.00
2	Staff Insurance Contri.	49,956.48
3	Out sourcing staff exp.	35,45,051.43
4	Contingency Exp.	79,751.28
5	Telephone Exp.	9,904.00
6	Electricity Exp.	13,10,537.00
7	Medicine and other	21,4446.27
8	Food for Wild animals	94,63,102.00
9	Zoo Promotion/Education	3,71,018.69
10	Zoo Development Scheme	75,63,082.42
	<b>Total Expenditure</b>	<b>3,42,62,118.57</b>

**Graph: Annual Expenditure:**

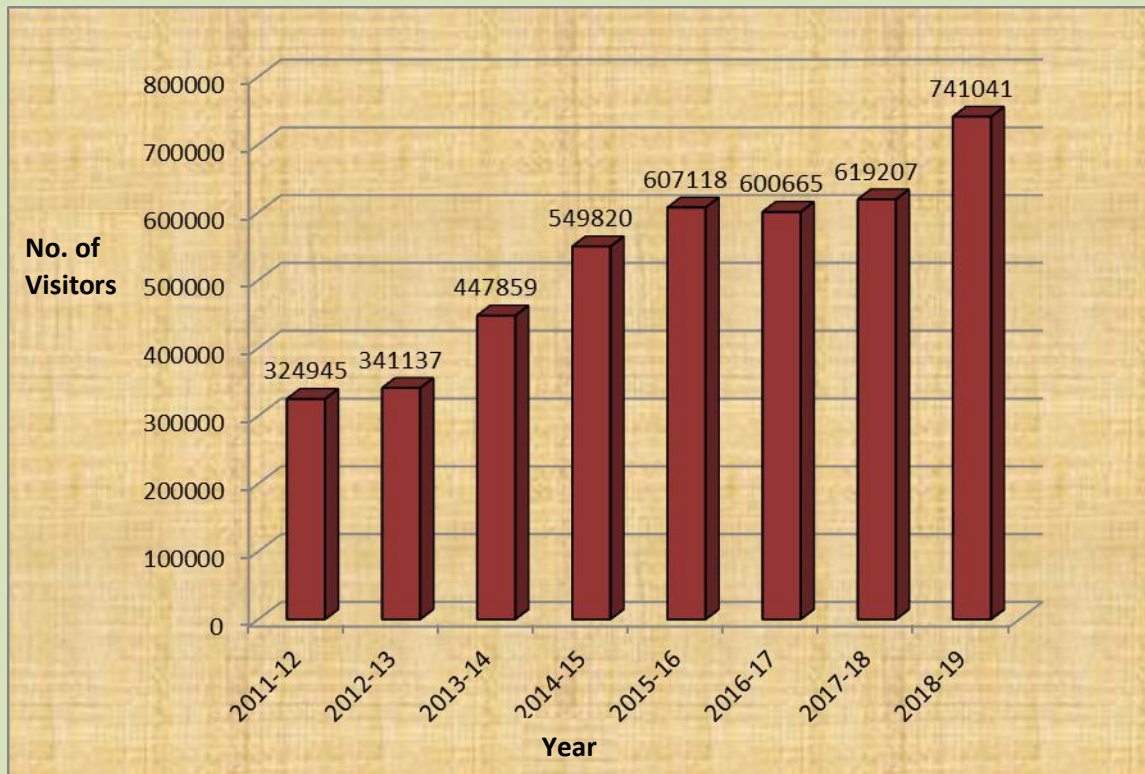


## Visitation

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.

In the year 2018-19 (7,41,041) visitors has experience the zoo visit at Rajkot Zoological park. Which is 17 % increase in total visitors compare to year 2017-18.

### Visitor's information last seven years



Visitors during 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 2018-19 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



Blackbuck sculpture made from metal waste

## Development Works carried out in the zoo during the year

- Exhibit and Other Work completed (2018-19):

Sr. No.	Development Work
1.	Keeper's path between Rhesus and Bonnate Macaque Exhibit
2.	Aquarium started from 01/05/2018 at Rajkot Zoological Park
4.	Fruit Garden developed behind Aquarium
5.	Entire Zoo and path is equipped with CCTV surveillance
6.	Natural artistic permanent enrichment structure (Tree Hut) created in all three primate exhibits i.e. Rhesus macaque, Bonnate macaque and Common Langur
7.	Renovation of Asiatic Lion and Common Tiger night shelter completed
8.	Interpretation Centre enrichment Phase -2 started.



**Natural Artistic Enrichment in primate Exhibits**



**Aquarium**

### Visitors' facility Construction completed (2018-19):

Sr. No.	Development Work
1.	New landscape garden developed near Ticket Window
2.	Wheel Chair for Physically Challenged visitors and Baby prams facilities started for visitors
3.	New landscape Garden developed in front of Aquarium
4.	Zoo has been converted into complete "PLASTIC FREE ZONE"
5.	Water point created near leopard exhibit
6.	Renovation of all toilets completed
7.	Artistic Entrance created for Reptile House



**New Landscape Garden near Ticket Window**



**Wheel chair and Baby prams for visitors**



**Reptile House Entrance**



**Water Point**

## Education and Awareness programmes during the year

### Nature Education Camp:

Zoo organizes One Day Nature Education Camp for students of various schools and colleges throughout the year. It helps to create awareness about wildlife and to understand the Zoo management among the children. About 50 -70 students and their teachers are allowed in each camp. Volunteers plays major role here and they also learn many things. Tracking in and around zoo with detailed explanation about the animals, their habitat, diet and interesting factors. The curriculum includes lectures, field visit, wildlife film show, Expert talk, keepers' talk, bird watching and learning tips, quiz competition, painting, assay competition, tea and snacks etc.



Nature Education Camp for school & college Students

**In the Year 2018-19, total 18 Nature Education Camp had been conducted. 961 students and 61 teacher total of 1022 individuals have attended the camps.**



Birding at Randarda lake for Camp students



Wildlife Films show & informative session



Exhibit visit for Camp Students with Biologist



Snacks for camp students



Invited guest talk for camp students



Nature Camp at Rajkot Zoo

## Wildlife Week Celebration:

“Wildlife Week - 2018” is being celebrated at the Zoo from 2<sup>nd</sup> to 8<sup>th</sup> October 2018.



## Nature Conservation theme based Drawing Competition



Impact of plastic on earth theme based Rangoli competition



RANGOLI COMPETITION FOR SCHOOL STUDENTS



Best of Waste

**BEST OUT OF WASTE**



**Swachhata Mission by school students and zoo staff**



**SWACHCHHATA ABHIYAN AT ZOO**



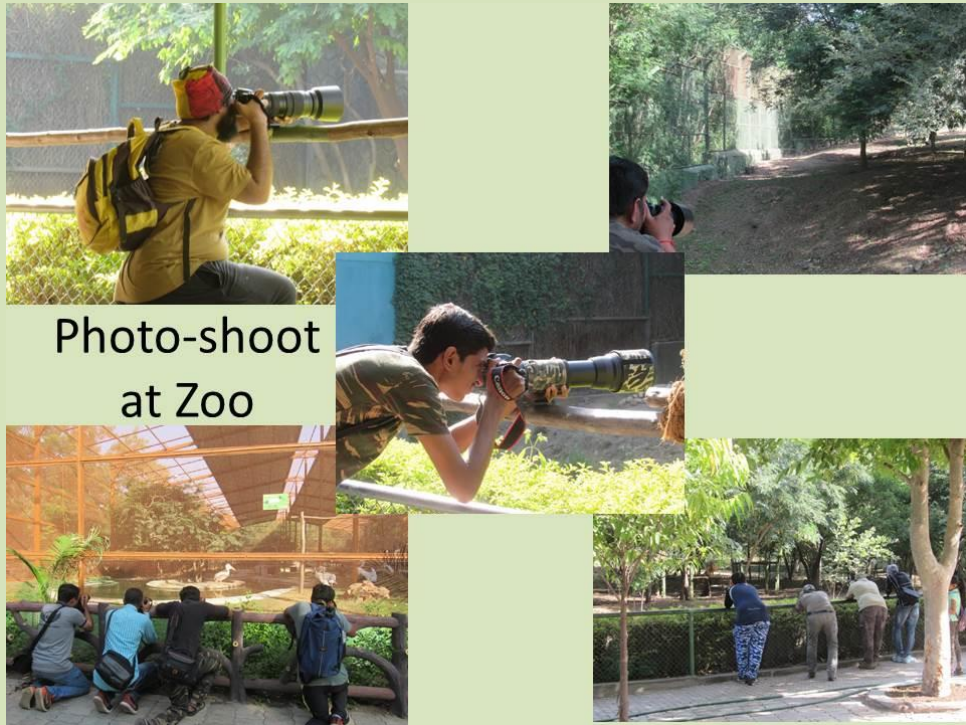


Photo-shoot  
at Zoo

**CAPTURE THE MOMENT AT ZOO**



Basics of Nature  
Quiz competition

**QUIZ COMPETITION**

**Total of 6 different competition and visits for students were organized during Wildlife Week 2018. Students come close to nature and learn some basics about importance of nature and wildlife conservation along with co-existence of Human and Nature.**

## Marvadi University

Rajkot Zoological Park along with Socio Nature Club, Marvadi University, Rajkot s has organized one day Wildlife Awareness Program at Marvadi University Campus, Rajkot on World Wildlife Day. Around 15 faculty and more than 200 Students had participated in this program. Zoo Superintendent, Rajkot Zoo and Biologist cum Education officer, Rajkot Zoo had fruitful interactive session on basics of importance of Wildlife and recent trends to conserve Wildlife & Nature. All faculty and students of Marvadi University are actively participating in many Wildlife Awareness Activities and programs with Rajkot Zoo and at their own also.



**Zoo Superintendent's Message & Discussion with Participants**



**Interactive session with students**

## Rajkot Zoological Park, Rajkot and Christ College, Rajkot MoU for Nature Education and Awareness Activities

On the day of World Nature Conservation Day 28<sup>th</sup> July 2018, Rajkot Zoo and Christ College had organized interactive session on Current issues and importance of Nature Conservation with students of Christ College. This session was participated by more than 150 students and 6 faculties.



**World Nature Conservation Day**

# Special arrangements and Enrichment for Animals



## Research:

Being one of the Prime Objective of Zoo, Research plays important role in Zoo Management. This can help in improvisation and understanding of animals need in captivity.

Rajkot Zoological Park had conducted Five T.Y.B.Sc. Zoology & One M.Sc. Zoology research projects during the year 2018-19. These projects are in view of the better management of animals and enriching their lives in captivity.

### T.Y.B.Sc. Zoology Research projects 2018-19

- A. "To Observe behavior of Indian Gazelle (*Gazella bennettii*) in captivity at Rajkot Zoological park, Rajkot, Gujarat"
- B. "Efficacy of Foraging enrichment and behavior of Bonnate macaque (*Macaca radiata*) in captivity at Rajkot Zoological park, Rajkot"
- C. "Population Estimation of free ranging Indian Peafowl (*Pavo Cristatus*) at Rajkot Zoological Park, Rajkot"
- D. "Habitat Preference by Birds at Rajkot Zoological Park, Rajkot during Winter"
- E. "Questionnaire Based Survey Study of Visitors' at Rajkot Zoological Park, Rajkot"

### M.Sc. Zoology Research projects 2018-19

"Behavioural study and enrichment of Jungle Cat (*Felis chaus*) in captivity at Rajkot Zoological Park, Rajkot"



Tool preparation for enrichment in Bonnate Macaque Observation



**Different behaviour observed while study**



**Enrichment Tool arrangements for Jungle Cat by research student**

## **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 2019. 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.



**Asiatic Lion Cubs at Asiatic Lion Conservation Breeding Centre**

## Animal Exchange 2018-19

### Animal acquisition 2018-19

Sr. No.	Species	(M:F)	From which Zoo	Date of arrival in the zoo
1.	White Peafowl	1:1	Kamla Nehru Zoological Park, Ahmedabad	23/04/2018
2.	Comb Duck	5:5	Kamla Nehru Zoological Park, Ahmedabad	23/04/2018
3.	African Grey Parrot	1:1	Shri Sayajibaug Zoo, Vadodara	22/02/2019
4.	Conure	1:1	Shri Sayajibaug Zoo, Vadodara	22/02/2019

### Animal Disposal 2018-19

Sr. No.	Species	(M:F)	Sent To	Date of arrival in the zoo
1.	Black Buck	4:12	Shri Sayajibaug Zoo, Vadodara	22/02/2019
2.	Rhesus Macaque	2:2	Released in Wild in their natural habitat at Ratanmahal Sanctuary	22/02/2019



Vadodara Zoo and Rajkot Zoo Animal Exchange

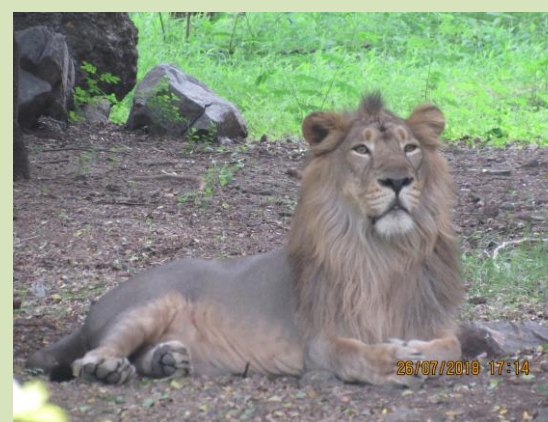
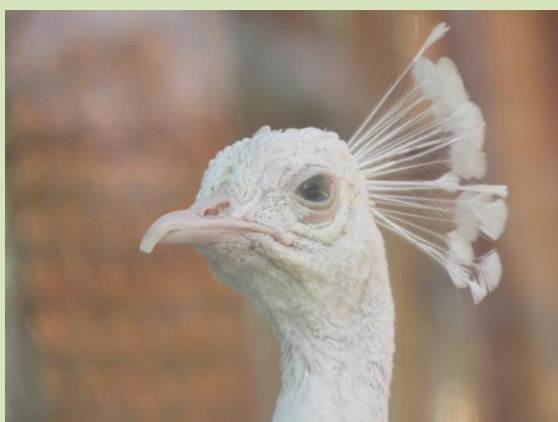


**Annual Inventory 2018-19 (Animals under Schedule I and Schedule II of the Wild Life (Protection) Act, 1972)**

Sr. No.	Animal Name	Scientific Name	Opening Stock As on 01-04-2018				Births			Acquisitions			Disposals			Deaths			Closing Stock As on 31-03-2019				
			M	F	U	T	M	F	U	M	F	U	M	F	U	M	F	U	M	F	U	T	
<b>MAMMALS</b>																							
1	LION INDIAN	<i>Panthera leo persica</i>	5	13	0	18	0	0	0	0	0	0	0	0	0	0	0	0	0	5	13	0	18
2	TIGER BENGAL	<i>Panthera tigris tigris</i>	0	2	0	2	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	1
3	TIGER BENGAL (WHITE)	<i>Panthera tigris tigris</i>	1	6	0	7	0	0	0	0	0	0	0	0	0	1	0	0	0	1	5	0	6
4	LEOPARD	<i>Panthera pardus</i>	1	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	2
5	INDIAN GERY WOLF	<i>Canis lupus pallipes</i>	1	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	2
6	JUNGLE CAT	<i>Felis chaus</i>	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2
7	JACKAL**	<i>Canis aureus</i>	2	2	3	7	1	3	0	0	0	0	0	0	0	0	0	0	0	3	8	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	0	1	0	1
9	HIMALAYAN BLACK BEAR	<i>Selenarctos Thibetanus</i>	1	1	0	2	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	1
10	SLOTH BEAR	<i>Ursus urnisus</i>	1	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	2
11	CHHINKARA	<i>Gazella bennetti</i>	2	3	0	5	2	0	0	0	0	0	0	0	1	0	0	0	3	3	0	6	
12	BLACK BUCK	<i>Antelope cervicapra</i>	12	17	7	36	4	6	1	0	0	0	4	12	0	1	0	0	11	11	8	30	
13	BLACK BUCK (ALBINO)**	<i>Antelope cervicapra</i>	2	1	2	5	0	0	0	0	0	0	0	0	0	1	0	0	2	1	1	4	
<b>Total MAMMALS</b>			<b>28</b>	<b>49</b>	<b>14</b>	<b>91</b>	<b>7</b>	<b>9</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>4</b>	<b>12</b>	<b>0</b>	<b>2</b>	<b>4</b>	<b>0</b>	<b>31</b>	<b>46</b>	<b>9</b>	<b>86</b>	
<b>REPTILES</b>																							
1	MARSH CROCODILE	<i>Crocodylus palustris</i>	1	0	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	2
2	GHARIAL	<i>Gavialis gangeticus</i>	2	2	0	4	0	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	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	0	2	2	0	4	
<b>Total REPTILES</b>			<b>6</b>	<b>5</b>	<b>1</b>	<b>12</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>6</b>	<b>5</b>	<b>1</b>	<b>12</b>	
<b>PRIMATES</b>																							
1	COMMON LANGUR	<i>Presbytis entellus</i>	2	3	0	5	0	0	0	0	0	0	0	0	0	1	0	0	2	2	0	4	
2	RHESUS MACAQUE	<i>Macaca mulatta</i>	4	5	0	9	0	0	0	0	0	2	2	0	0	0	0	0	2	3	0	5	
3	BONNET MACAQUE	<i>Macaca radiata</i>	2	1	0	3	0	0	0	0	0	0	0	0	0	0	0	0	2	1	0	3	
<b>Total PRIMATES</b>			<b>8</b>	<b>9</b>	<b>0</b>	<b>17</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>6</b>	<b>6</b>	<b>0</b>	<b>12</b>	
<b>BIRDS</b> 1	KALIJ PHEASANT	<i>Lophura leucomelanos</i>	1	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	2	
2	WHITE PEA FOWL	<i>Pavo cristatus</i>	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	1	1	0	2	
<b>Total Birds</b>			<b>1</b>	<b>1</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>1</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>0</b>	<b>4</b>	
<b>TOTAL ANIMALS</b>			<b>43</b>	<b>64</b>	<b>15</b>	<b>122</b>	<b>7</b>	<b>9</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>6</b>	<b>14</b>	<b>0</b>	<b>2</b>	<b>5</b>	<b>0</b>	<b>45</b>	<b>59</b>	<b>10</b>	<b>114</b>	

## Other than Endangered Species

Sr. No.	Animal Name	Scientific Name	Opening Stock As on 1-4-2018				Births			Acquisitions			Disposals			Deaths			Closing Stock As on 31-3-2019							
			M	F	U	T	M	F	U	M	F	U	M	F	U	M	F	U	M	F	U	T				
<b>MAMMALS</b>																										
1	Spotted Deer	<i>Axis axis</i>	6	6	1	13	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	7	7	2	16
2	Sambar	<i>Cervis unicolor</i>	8	8	0	16	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	8	10	0	18	
3	Hog Deer	<i>Axis porcinus</i>	9	6	2	17	2	2	1	0	0	0	0	0	0	3	1	0	8	7	3	18				
4	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				
5	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				
6	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				
<b>Total MAMMALS</b>			<b>27</b>	<b>24</b>	<b>5</b>	<b>56</b>	<b>3</b>	<b>5</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3</b>	<b>1</b>	<b>0</b>	<b>27</b>	<b>28</b>	<b>7</b>	<b>62</b>				
<b>REPTILES</b>																										
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		2	2	0	4	0	0	0	0	0	0	0	0	0	0	0	2	2	0	4					
<b>Total REPTILES</b>			<b>4</b>	<b>5</b>	<b>7</b>	<b>16</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>4</b>	<b>5</b>	<b>7</b>	<b>16</b>					
<b>TOTAL ANIMALS</b>			<b>31</b>	<b>29</b>	<b>12</b>	<b>72</b>	<b>3</b>	<b>5</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3</b>	<b>1</b>	<b>0</b>	<b>31</b>	<b>33</b>	<b>14</b>	<b>78</b>					



Sr. No.	Animal Name	Scientific Name	Opening Stock As on 1-4-2018				Births			Acquisitions			Disposals			Deaths			Closing Stock As on 31-3-2019				
			M	F	U	T	M	F	U	M	F	U	M	F	U	M	F	U	M	F	U	T	
<b>BIRDS</b>																							
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	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	1	2	0	3
3	Golden Pheasant	<i>Chrysolophus pictus</i>	1	1	0	2	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	1
4	Silver Pheasant	<i>Lophura nycthemera</i>	2	3	0	5	0	0	0	0	0	0	0	0	1	0	0	0	2	2	0	4	
5	Ring neck Pheasant	<i>Phasianus colchicus</i>	2	2	0	4	0	0	1	0	0	0	0	0	1	1	0	0	1	1	1	3	
6	Lady Amherst Pheasant		2	2	0	4	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0	4	
7	Spot Billed Duck	<i>Anas poecilornyncha</i>	2	3	0	5	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	1	1	1	3	
9	Cocktiel	<i>Nymphicus hollandicus</i>	15	15	16	46	0	0	0	0	0	0	0	0	0	0	0	0	15	15	16	46	
10	Budgriger		0	0	51	51	0	0	9	0	0	0	0	0	0	0	0	0	0	0	60	60	
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	1	0	1	
12	Osrich	<i>Struthio camalus</i>	0	1	0	1	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	2	0	4	0	0	3	0	0	0	0	0	0	0	0	0	2	2	3	7	
14	Parakeet Alexandrine	<i>Psitacula eupatria</i>	4	4	0	8	0	0	0	0	0	0	0	0	0	0	0	0	4	4	0	8	
15	Parakeet Rose ring	<i>Psitacula krameri</i>	4	4	0	8	0	0	1	0	0	0	0	0	0	0	0	0	4	4	1	9	
16	Ibis White	<i>Threskiornis melanocephalus</i>	4	4	0	8	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	0	10	0	0	3	0	0	0	0	0	0	0	0	0	5	5	3	13	
18	Cormorant Little	<i>Microcarbo niger</i>	3	3	0	6	0	0	0	0	0	0	0	0	0	0	0	0	3	3	0	6	
19	Comb duck	<i>Sarkidiornis melanotos</i>	0	0	0	0	0	0	0	5	5	0	0	0	0	0	0	0	5	5	0	10	
20	African grey Parrot	<i>Psittacus erithacus</i>	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	1	1	0	2	
21	Conure	<i>Psittaciformes</i>	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	1	1	0	2	
<b>TOTAL ANIMALS</b>			<b>52</b>	<b>61</b>	<b>68</b>	<b>181</b>	<b>0</b>	<b>0</b>	<b>17</b>	<b>7</b>	<b>7</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>2</b>	<b>0</b>	<b>57</b>	<b>66</b>	<b>85</b>	<b>208</b>

## Mortality of animals

SR. NO.	ANIMAL NAME (With individual identification mark, if any)	SCIENTIFIC NAME	SEX	DATE OF DEATH	CAUSE OF DEATH
<b><u>Mammals</u></b>					
1	TIGER BENGAL "Bhumi"	<i>Panthera tigris tigris</i>	Female	30/07/2018	Snake bite
2	Hog Deer	<i>Axis porcinus</i>	Male	31/07/2018	Natural death due to old age
3	COMMON LANGUR "Chhaya"	<i>Presbytis entellus</i>	Female	25/09/2018	Respiratory failure
4	HOG DEER	<i>Axis porcinus</i>	Female	26/09/2018	Infight between male & female
5	HOG DEER	<i>Axis porcinus</i>	male	05/10/2018	Infight between male
6	BLACK BUCK	<i>Antelope cervicapra</i>	Male	10/11/2018	Natural death due to old age
7	HOG DEER	<i>Axis porcinus</i>	male	20/12/2018	Infight between male
8	TIGER BENGAL(WHITE) "Ganga" RFID:-00-0715-19E1	<i>Panthera tigris tigris</i>	Female	04/01/2019	Chronic broncho pneumonia
9	HIMALAYAN BLACK BEAR "Rani"	<i>Selenarctos Thibetanus</i>	Female	23/01/2019	Salinity (Old age)
10	BLACK BUCK (ALBINO)	<i>Antelope cervicapra</i>	Female	30/01/2019	Natural death due to old age.
11	CHHINKARA	<i>Gazella bennetti</i>	Male	24/02/2019	Died due to Infight
<b><u>Birds</u></b>					
1	Silver Pheasant	<i>Lophura nycthemera</i>	Female	12/05/2018	Death due to Shock because of infight
2	Golden Pheasant	<i>Chrysolophus pictus</i>	male	25/07/2018	Pneumonia
3	Ring neck Pheasant	<i>Phasianus colchicus</i>	Female	11/10/2018	Acute Pneumonia
4	Ring neck Pheasant	<i>Phasianus colchicus</i>	Male	30/11/2018	Acute Pneumonia

# Important Events at Rajkot Zoological Park

Interactive Session organized for Marvadi University students at Rajkot Zoo



Zoo Superintendent's interaction with students



Marvadi University students

Surat Zoo Animal Keeper's training visit to Rajkot Zoological Park.



## Plantation activities during 2018-19



**Marvadi University MCA students and faculties participated in plantation activities at Rajkot Zoo**



**Gujarat Tourism and Scouts students' plantation at Rajkot Zoological Park**



**School student plantation activities at Zoo**



# 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, 6<sup>th</sup> 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
<b>1. General requirement</b>			
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
<b>2. Development and planning</b>			
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
<b>4. Animal housing, display of animals and animal enclosures</b>			
4.	4(1)	✓ 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	✓ Condition Complied ✓ Condition Complied

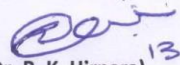
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"Rajkot Zoological Park" Near Marketing yard, Rajkot – 360 003. (Gujarat),  
Ph.: +9199789 11245, Fax: 0281-2224258, Email- [rajkotzoo@yahoo.com](mailto:rajkotzoo@yahoo.com), URL: [www.rajkotzoo.com](http://www.rajkotzoo.com)



		<p>in nature, may be replaced with native species.</p> <ul style="list-style-type: none"> <li>✓ Wolf: Den to be made naturalistic, visual barrier to stop viewing of animal house</li> <li>✓ Jackal &amp; Fox: Animal houses to be camouflaged</li> <li>✓ Crocodile: Sand to be provided for basking</li> <li>✓ 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.</li> <li>✓ The Reptile house should have adequate ventilation and provision for sun light.</li> <li>✓ The Bird exhibit provided with glass for viewing has reflection of the visitors. It should be addressed.</li> </ul>	<ul style="list-style-type: none"> <li>✓ Condition Complied, Hedges planted to stop viewing of animal houses</li> <li>✓ Under progress</li> <li>✓ Condition Complied</li> <li>✓ Condition complied</li> <li>✓ Condition Complied</li> <li>✓ Condition Complied</li> </ul>
<b>5. Upkeep and Healthcare of animals</b>			
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
<b>6. Veterinary and infrastructure facilities</b>			
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
<b>9. Acquisition and breeding of animals:</b>			
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

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

## 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 checked 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

**“No matter how few possessions you own or how little money you have,  
loving wildlife and nature will make you rich beyond measure”**