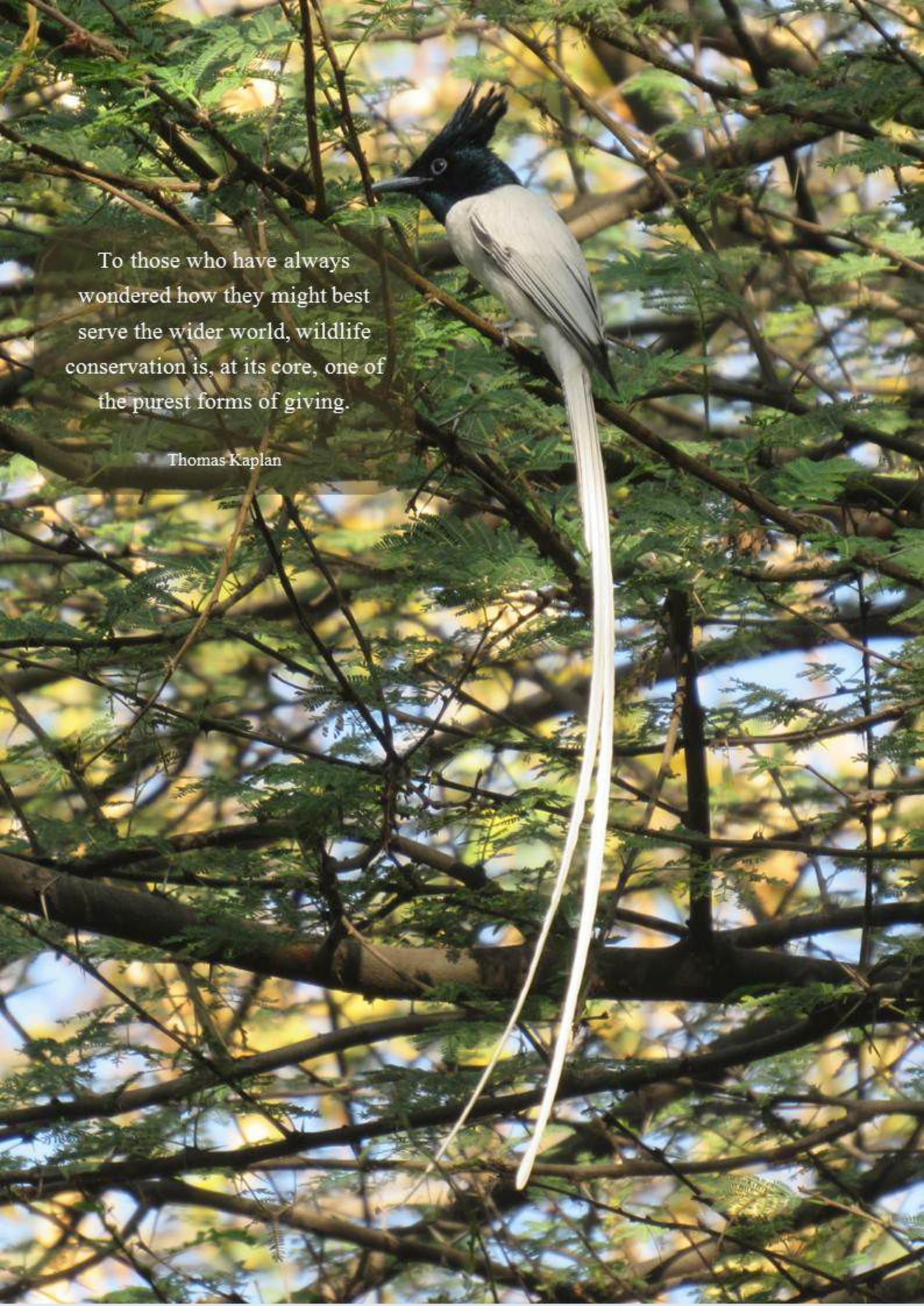


# RAJKOT ZOOLOGICAL PARK



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To those who have always  
wondered how they might best  
serve the wider world, wildlife  
conservation is, at its core, one of  
the purest forms of giving.

Thomas Kaplan

# RAJKOT ZOOLOGICAL PARK

RAJKOT MUNICIPAL CORPORATION



## Annual Report for the year 2017-18

**Prepared and Compiled by**

**Mr. Ravi C. Chauhan**  
Biologist cum education Officer

**Dr. R.K. Hirpara**  
Zoo Superintendent

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## 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 hectores. 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 2017-18 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 healthy development of Rajkot Zoological Park.

A handwritten signature in blue ink on a white background.

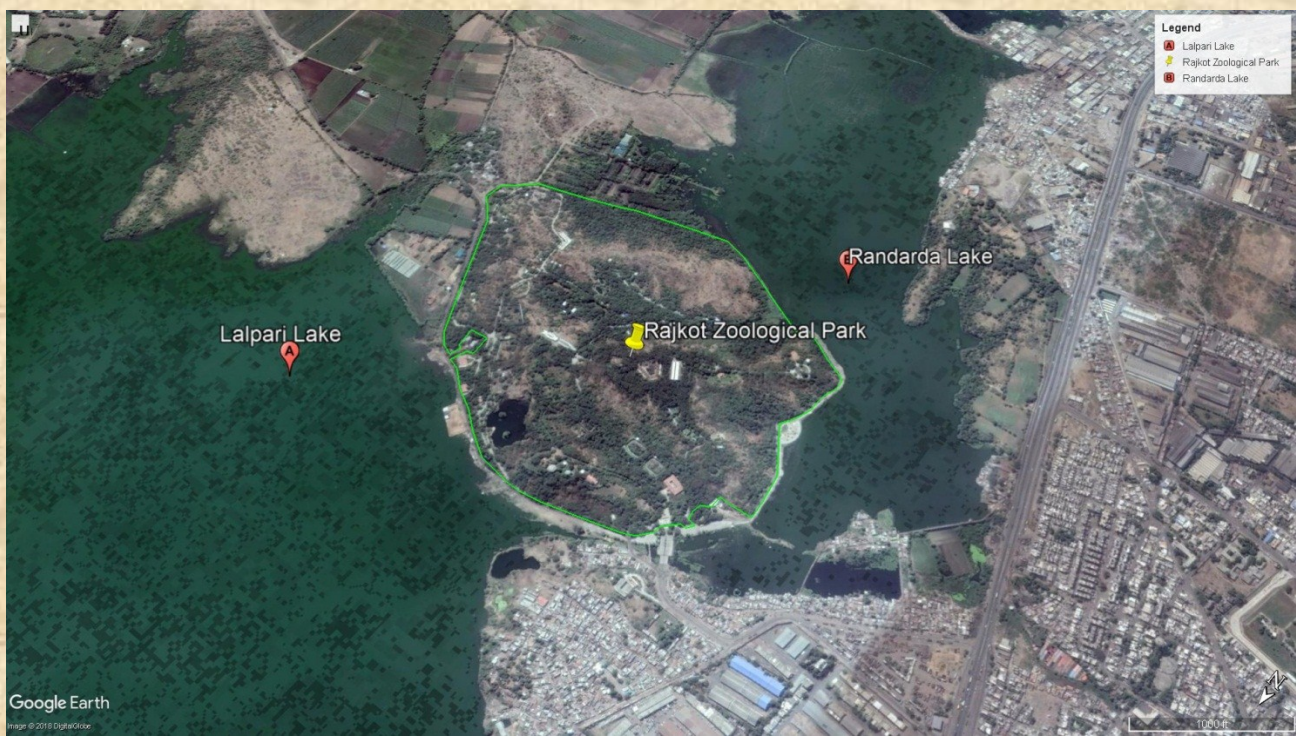
**(Dr R. K. Hirpara)**

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 kilometers 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.

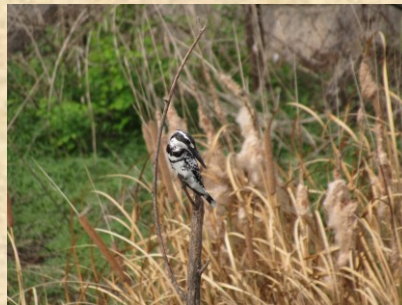
## **Geology, Rock & Soil**

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.



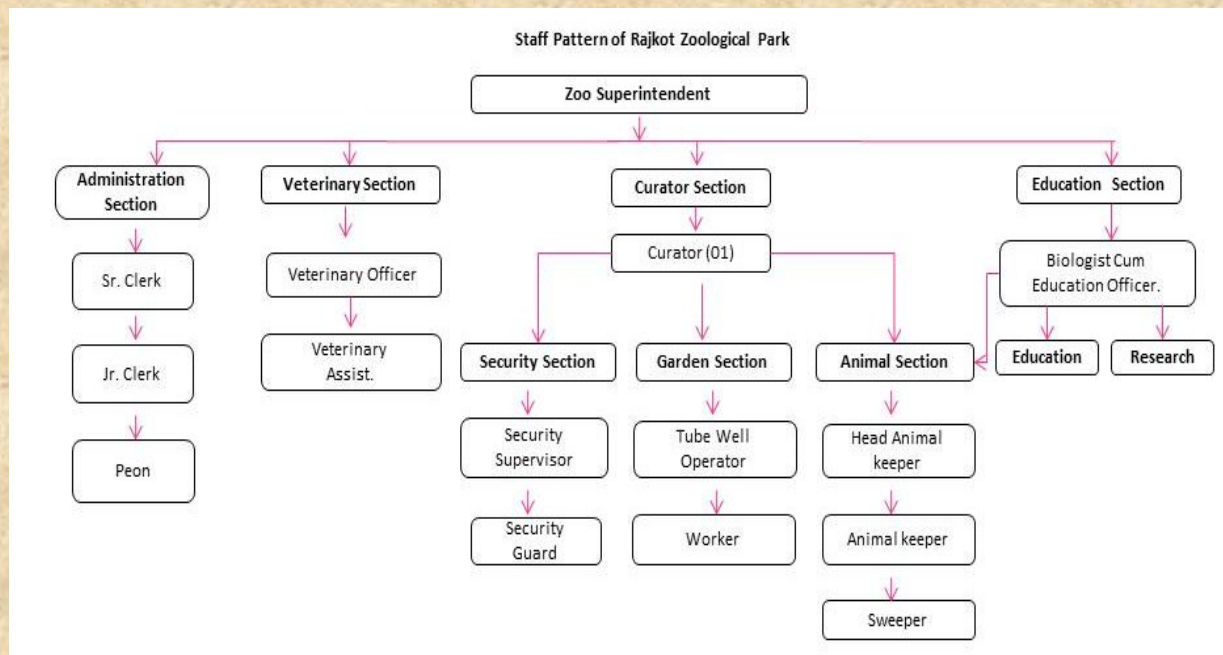
### About us

| S.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,<br/>B/H OLD MARKETING YARD,<br/>BHICHARI ROAD,<br/>RAJKOT -360003<br/>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>MINI</b>  |
| 12                                     | Area (in Hectares)                             | <b>55.37 HECTARES</b>  |
| 13                                     | Number of Visitors (Financial Year)<br>2017-18 | <b>Adult : 4,73,758</b>  |
|  |  | <b>Children : 98,721</b>   |
|  |  | <b>Student group : 45,627</b>  |
|  |  | <b>Senior citizen:1,101</b>  |

| S.No.                                  | Particulars                                    | Information   |
|--|--|---|
|  |  | <b>Total Visitors: 6,19,207</b>   |
| 14                                     | Visitors' Facilities Available in Zoo          | <b>Battery Operated Vehicle, Bicycles<br/>Kiosks, Drinking water points, Rest huts,<br/>Toilets, Kinder Garden, Garden<br/>Etc.</b> |
| 15                                     | Weekly Closure Day of the Zoo                  | <b>FRIDAY</b>   |
| <b>Management Personnel of the zoo</b> |  |   |
| 16                                     | Name with designation of the Officer in-charge | <b>Dr. R.K.Hirpara,<br/>Zoo Superintendent</b>  |
|  | Name of the Veterinary Officer                 | <b>Dr. Upendra G. Patel</b>   |
|  | Name of the Curator                            | <b>Mr. Bhargav P. Bhatt</b>   |
|  | Name of the Biologist cum Education Officer    | <b>Mr. Ravi C. Chauhan</b>  |
|  | Name of the Veterinary Assistant               | <b>Mr. Manoj J. Gohel</b>   |
| <b>Owner / Operator of the Zoo</b>     |  |   |
| 17                                     | *Name of the Operator                          | <b>RAJKOT MUNICIPAL CORPORATION</b>   |
| 18                                     | Address of the Operator                        | <b>Rajkot Zoological Park,<br/>Behind Old Marketing Yard, Rajkot</b>  |
| 19                                     | Contact details/Phone number of Operator       | <b>Mo. 9978911245</b>   |
| 20                                     | E-mail address of Operator                     | <b>rajkotzoo@yahoo.com</b>  |



## 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              | 14             |
|         | <b>Total</b>                    | <b>28</b>       | <b>23</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. Upendra Patel<br>Veterinary Officer   | Capacity Building of Indian Zoo veterinarians on Animal Health Management of Captivity | 11/09/2017<br>To<br>14/09/2017 | National Zoological Park, New Delhi                 |
| 2      | Mr. Jethabhai H. Rathod<br>Animal Keeper  | Specilized theme based programme for zoo keepers                                       | 19/02/2018<br>To<br>25/02/2018 | Sakkarbaug Zoological Park, Junagadh                |



**Capacity Building of Indian Zoo veterinarians on Animal Health Management of Captivity**



**Specialised theme based programme for zoo keepers**

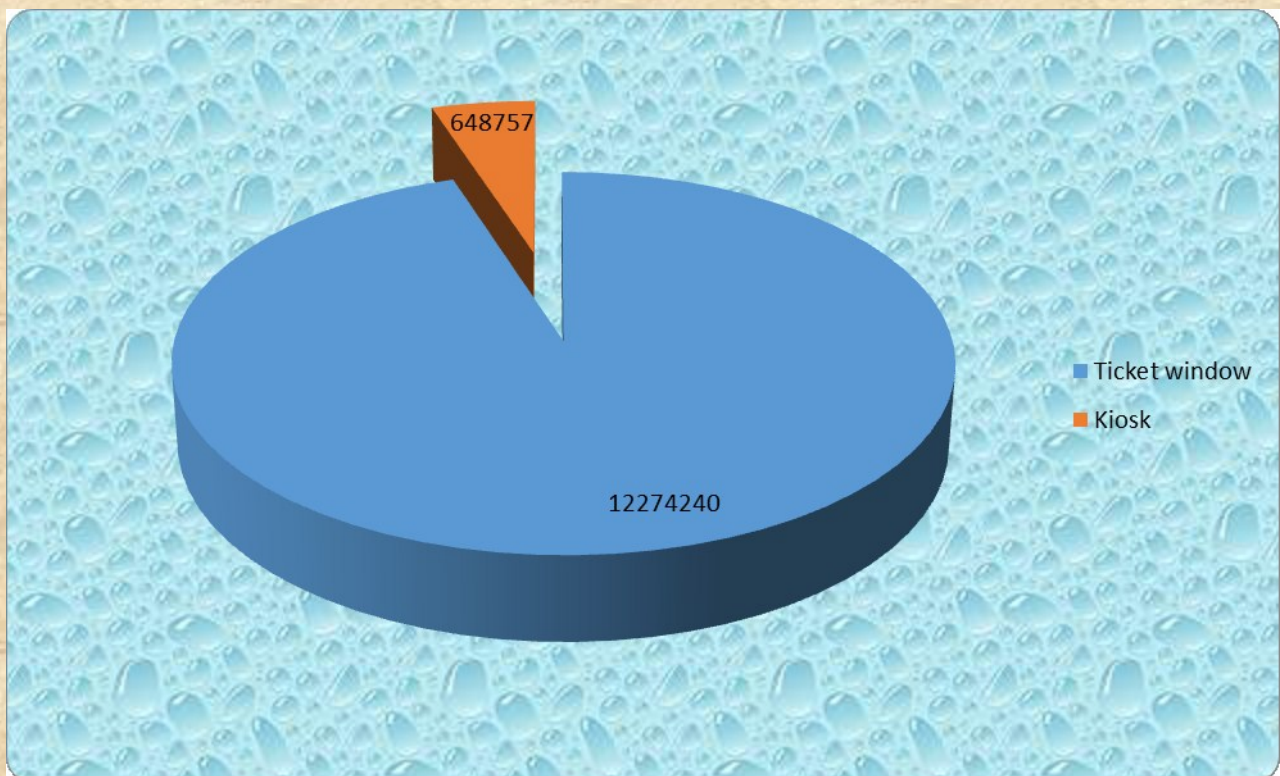
### Income and Expenditure Details:

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 2017-18 number of zoo visitors has increased. In the year 2017-18 Zoo has been visited by 6,19,207 visitors and with that total Rs. 1,22,74,240 income was generated.

**Table: Year 2017 – 18 revenue generated**

| Sr. No. | Particulars   | Income in Rs.      |
|---------|---------------|--------------------|
| 1       | Ticket window | 1,22,74,240.00     |
| 2       | Kiosk         | 6,48,757           |
|         | <b>Total</b>  | <b>1,29,22,997</b> |

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

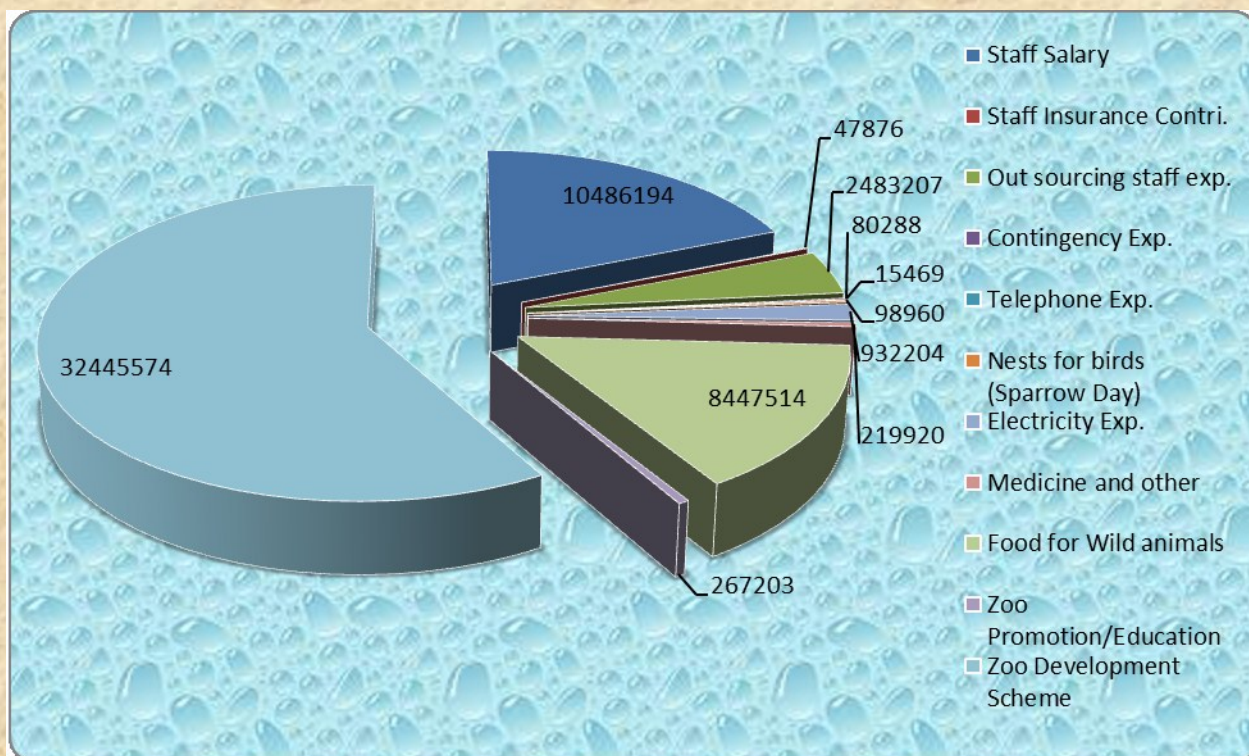


## Expenditure 2017-18

**Table: Annual Expenditure Details**

| Sr. No. | Particulars                   | Expenditure in Rs. |
|---------|-------------------------------|--------------------|
| 1       | Staff Salary                  | 1,04,86,194        |
| 2       | Staff Insurance Contri.       | 47,876             |
| 3       | Out sourcing staff exp.       | 24,83,207          |
| 4       | Contingency Exp.              | 80,288             |
| 5       | Telephone Exp.                | 15,469             |
| 6       | Nests for birds (Sparrow Day) | 98,960             |
| 7       | Electricity Exp.              | 9,32,204           |
| 8       | Medicine and other            | 2,19,920           |
| 9       | Food for Wild animals         | 84,47,514          |
| 10      | Zoo Promotion/Education       | 2,67,203           |
| 11      | Zoo Development Scheme        | 3,24,45,574        |
|         | <b>Total Expenditure</b>      | <b>5,55,24,409</b> |

**Graph: Annual Expenditure:**



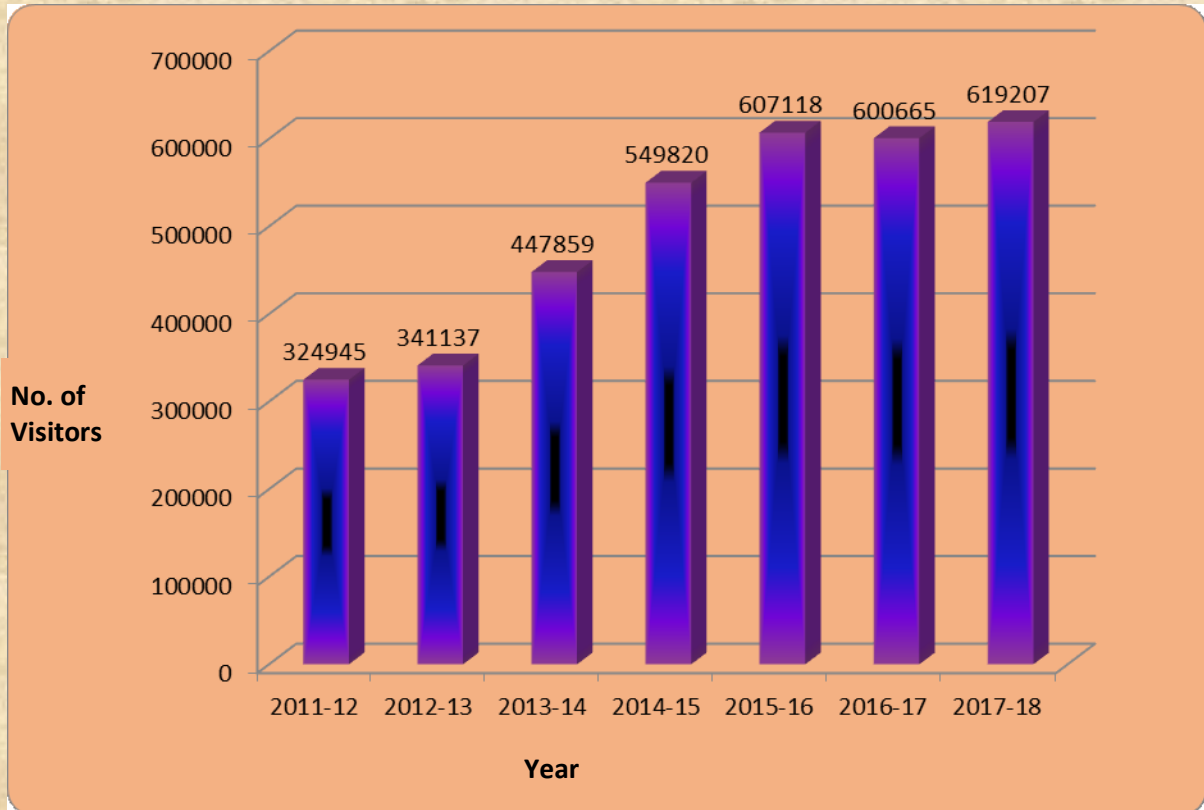


## Visitation

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 2017-18 (6,19,207) visitors has experience the zoo visit at Rajkot Zoological park.

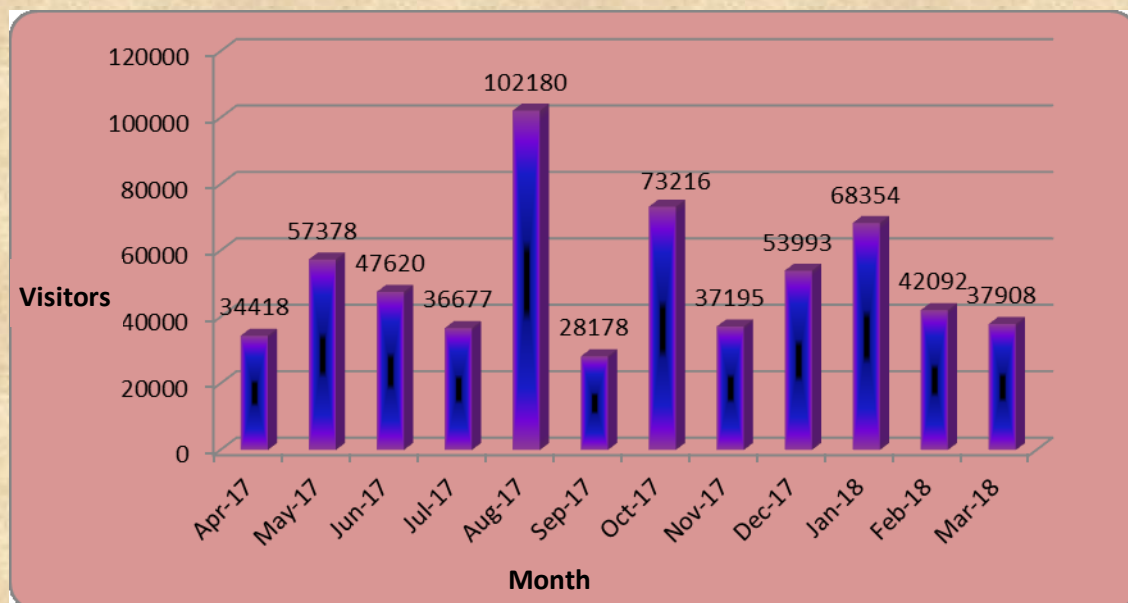
### Visitor's information last seven years



**Table: Month wise visitors 2017-18**

| Month          | No. of Visitors |
|----------------|-----------------|
| April 2017     | 34418           |
| May 2017       | 57378           |
| June 2017      | 47620           |
| July 2017      | 36677           |
| August 2017    | 102180          |
| September 2017 | 28178           |
| October 2017   | 73216           |
| November 2017  | 37195           |
| December 2017  | 53993           |
| January 2018   | 68354           |
| February 2018  | 42092           |
| March 2018     | 37908           |
| <b>Total</b>   | <b>619209</b>   |

**Month wise visitors 2017-18**



## Daily feed Schedule of animals

| Sl.No. | Species | Feed item<br>kg/animal | Quantity               |                      | Day of<br>fasting |
|--------|---------|------------------------|------------------------|----------------------|-------------------|
|        |         |                        | Winter                 | Summer               |                   |
| 1      | Lion    | Beef                   | 5-8                    | 3-6                  | Friday            |
| 2      | Tiger   | Beef                   | 5-8                    | 3-6                  | 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<br>days | ---               |
| 7      | Gharial | Fish                   | 1.0 kg every<br>2 days | 1.5 kg Daily         | ---               |

| Sl.No. | Species      | Quantity (kg/animal/day) |                 |                 |                 | Day of<br>fasting |
|--------|--------------|--------------------------|-----------------|-----------------|-----------------|-------------------|
|        |              | Winter                   |                 | Summer          |                 |                   |
|        |              | Green Fodder             | Con.<br>Pellets | Green<br>Fodder | Con.<br>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           | ---               |

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

## Vaccination and Deworming:

Annual Vaccination and deworming had been conducted as per schedule for every year. In the year 2017-18 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

| Sl.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

| Sl.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           |



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

### Exhibit and Other Work completed:

| Sr. No. | Year    | Development Work   |
|---------|---------|--|
| 1.      | 2017-18 | Wild Ass Exhibit work started  |
|         |         | Completion of Parrot Aviary, Walk-in aviary, White and Common Peafowl Aviary.                            |
| 2.      | 2017-18 | Natural artistic railing near primate exhibit, all Zoo map kiosk, aquarium, peafowls and parrot aviaries |
| 3.      | 2017-18 | New Shelter and feeding Shed in Blackbuck and Sambar Exhibit   |
| 4.      | 2017-18 | Enrichment in Small mammals Exhibit  |



**WildAss Exhibit**



**Natural Barrier**



**Natural Barrier for visitors**



**Small Mammal Enrichment**

**Visitors' facility Construction completed:**

| Sr. No. | Year    | Development Work                  |
|---------|---------|-----------------------------------|
| 1.      | 2017-18 | New Garden near Leopard Enclosure |
| 2.      | 2017-18 | New Garden near Parrot Aviary     |



**New Garden Development**

## **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 Students**

**In the Year 2017-18, total 18 Nature Education Camp had been conducted. 1579 students and 200 teachers total of 1779 individuals have attended the camps.**





NEC for Primary School Students



Wildlife Films show



Exhibit visit for Camp Students with  
Veterinary Doctor



Outdoor interactive session



Nature Games



Snacks for camp students

## Wildlife Week Celebration:

“Wildlife Week - 2017” is being celebrated at the Zoo from 2<sup>nd</sup> to 8<sup>th</sup> October 2017.



**PAINTING COMPETITION ON PRESENT AND FUTURE OF NATURE ON OUR HANDS**



**NURTURE EARTH RANGOLI BY SCHOOL STUDENTS**



**BEST OUT OF WASTE**



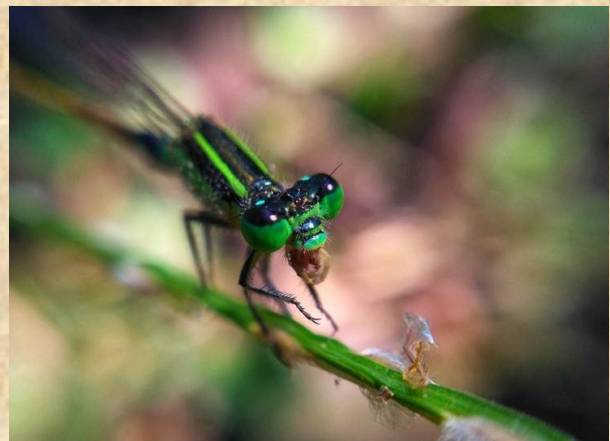
**SWATCHCHHATA ABHIYAN IN AND SURROUNDIS OF ZOO**



**SWACHCHHATA ABHIYAN IN AND SURROUNDINGS OF ZOO**



**PHOTOSHOOT AT ZOO**



**CAPTURE THE MOMENT AT ZOO**



**PRIZE DISTRIBUTION**



**PRIZE DISTRIBUTION**

## Symposium on Vulture Conservation

One Day Symposium on “Vulture Conservation – A Future Perspective” was organized by Gandhinagar Wildlife Circle and Forest and Environment Department of Gujarat, on 07<sup>th</sup> October 2017 at Gujarat Ecological Education and Research Foundation, Gandhinagar, Gujarat as a part of Wildlife Week Celebration.

Mr Ravi C. Chauhan, Biologist cum Education Officer has attended the symposium and Discussed on various issues on Vulture Conservation in Gujarat.



## Teacher's Training Program 2017:

Rajkot Zoological Park along with other Nature Conservation NGO's has organized one day Teacher's Training Program (TTP) at Rajkot Zoo. Around 130 teachers from various Schools and Colleges of Rajkot City have participated in this program. Teachers have been taught to take effective Wildlife and Environment Conservation activities, various Nature related games and competition at school. This helps reaching students on larger scale. Even while organizing such TTP at Zoo also increase awareness about wildlife conservation and its importance among teachers also.



Zoo Superintendent's Message



Discussion with Participants



Teacher Participants visit to the Zoo



Discussion, Literature Distribution and Nature Games

## Important Events and happenings

### Rajkot Zoological Park visit of NCC Cadets under National Integration Camp – I



Approx. 650 NCC Cadets and NCC staff from all over India had visited the Rajkot Zoological Park, Rajkot between 24<sup>th</sup> August 2017 to 04<sup>th</sup> September 2017.



Zoo Biologist Mr. Ravi Chauhan had also delivered talk on “Nature Conservation and Environment Protection” for NCC Cadets at Swaminarayan Temple, Sardhar, Rajkot

**Approx. 1700 Rajkot Municipal School Students Visited  
Rajkot Zoological Park on Republic Day 2018**



Rajkot Municipal Corporation had arranged Flower Show Between 01<sup>st</sup> February to 04<sup>th</sup> February 2018. Rajkot Zoological Park has participated and displayed Upcoming Interpretation Centre Glimpse in the form of life size model diorama. There had been excellent response and appreciation for the Zoo Diorama.





**Collaboration between Rajkot Zoological Park and Christ College, Rajkot in regard to Nature Education Activities and Awareness Programme.**

Rajkot Zoological Park, Rajkot and Christ College, Rajkot had organized Certified Course in Bird Watching and Basics of Ornithology in the month of January – February 2018 for Under Graduates enthusiasts.



**Field Visit for Bird watching in and surroundings of the Zoo**



**Paradise Flycatcher in Zoo Premises**

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. one year research projects during the year 2017-18. These projects are in view of the better management of animals and enriching their lives in captivity.

- A. Behaviour Study of Indian Wolf (*Canis lupus pallipes*) in captivity at Rajkot Zoological Park, Rajkot.
- B. Behaviour Study of Golden Jackal (*Canis aureus*) in captivity at Rajkot Zoological Park, Rajkot.
- C. Behaviour Study of Emu (*Dromaius novaehollandiae*) in captivity at Rajkot Zoological Park, Rajkot.
- D. To Observe Behaviour and Intelligence of Common Langur in Captivity At Rajkot Zoological Park, Rajkot
- E. Bird Diversity in and surrounding area of Rajkot Zoological Park, Rajkot



Data Observation



Enrichment tool for Common Langur

## **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 51 Asiatic lion cubs born Till 2018. 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 Female with Cubs**

## Animal Exchange 2017-18

### Animal acquisition 2017-18

| Sr. No. | Species              | (M:F) | From which Zoo                         | Date of arrival in the zoo |
|---------|----------------------|-------|--|----------------------------|
| 1.      | Great White Pelican  | 2:2   | Kamla Nehru Zoological Park, Ahmedabad | 03/11/2017                 |
| 2.      | Parakeet Alexandrine | 3:3   | Kamla Nehru Zoological Park, Ahmedabad | 03/11/2017                 |
| 3.      | Parakeet Rose Ring   | 3:3   | Kamla Nehru Zoological Park, Ahmedabad | 03/11/2017                 |
| 4.      | Cockatiel            | 15:15 | Kamla Nehru Zoological Park, Ahmedabad | 03/11/2017                 |
| 5.      | Cormorant Little     | 3:3   | Kamla Nehru Zoological Park, Ahmedabad | 03/11/2017                 |
| 6.      | Heron Night          | 5:5   | Kamla Nehru Zoological Park, Ahmedabad | 03/11/2017                 |
| 7.      | Ibis White           | 4:4   | Kamla Nehru Zoological Park, Ahmedabad | 03/11/2017                 |
| 8.      | Cobra Indian         | 1:1   | Kamla Nehru Zoological Park, Ahmedabad | 03/11/2017                 |
| 9.      | Checkered Keelback   | 2:2   | Kamla Nehru Zoological Park, Ahmedabad | 03/11/2017                 |
| 10.     | Python Indian Rock   | 2:2   | Kamla Nehru Zoological Park, Ahmedabad | 03/11/2017                 |
| 11.     | Parakeet Alexandrine | 1:1   | Mysore Zoo, Karnataka                  | 16/11/2017                 |
| 12.     | Parakeet Rose Ring   | 1:1   | Mysore Zoo, Karnataka                  | 16/11/2017                 |
| 13.     | Budgerigar           | 3:3   | Mysore Zoo, Karnataka                  | 16/11/2017                 |
| 14.     | Ostrich              | 2:2   | TANUVAS, Chennai,                      | 16/11/2017                 |

### Animal Disposal 2017-18

| Sr. No. | Species            | (M:F) | Sent To                                | Date of arrival in the zoo |
|---------|--------------------|-------|--|----------------------------|
| 1.      | Asiatic Lion       | 0:1   | Kamla Nehru Zoological Park, Ahmedabad | 04/11/2017                 |
| 2.      | Bengal Tiger White | 0:1   | Kamla Nehru Zoological Park, Ahmedabad | 04/11/2017                 |



Ahmedabad Zoo and Rajkot Zoo Animal Exchange

**Annual Inventory 2017-18 (Animals under Schedule I and Schedule II of the Wild Life (Protection) Act, 1972)**

| Sr. No.         | Animal Name          | Scientific Name                | Opening Stock<br>As on 1-4-2017 |           |          |            | Births   |          |          | Acquisitions |          |          | Disposals |          |          | Deaths   |          |           | Closing Stock<br>As on 31-3-2018 |           |           |            |    |
|-----------------|----------------------|--------------------------------|---------------------------------|-----------|----------|------------|----------|----------|----------|--------------|----------|----------|-----------|----------|----------|----------|----------|-----------|----------------------------------|-----------|-----------|------------|----|
|                 |                      |                                | 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                               | 14        | 0        | 19         | 0        | 0        | 0        | 0            | 0        | 0        | 0         | 1        | 0        | 0        | 0        | 0         | 0                                | 5         | 13        | 0          | 18 |
| 2               | TIGER BENGAL         | <i>Panthera tigris tigris</i>  | 1                               | 2         | 0        | 3          | 0        | 0        | 0        | 0            | 0        | 0        | 0         | 0        | 0        | 1        | 0        | 0         | 0                                | 0         | 2         | 0          | 2  |
| 3               | TIGER BENGAL (WHITE) | <i>Panthera tigris tigris</i>  | 1                               | 7         | 0        | 8          | 0        | 0        | 0        | 0            | 0        | 0        | 1         | 0        | 0        | 0        | 0        | 0         | 1                                | 6         | 0         | 7          |    |
| 4               | LEOPARD              | <i>Panthera pardus</i>         | 1                               | 1         | 0        | 2          | 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         | 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                                | 0         | 2         | 2          |    |
| 7               | JACKAL               | <i>Canis aureus</i>            | 3                               | 2         | 0        | 5          | 0        | 0        | 3        | 0            | 0        | 0        | 0         | 0        | 1        | 0        | 0        | 2         | 2                                | 3         | 7         |            |    |
| 8               | INDIAN FOX           | <i>Vulpes bengalesis</i>       | 0                               | 1         | 0        | 1          | 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        | 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        | 1         | 1                                | 0         | 2         |            |    |
| 11              | FOUR HORNED ANTELOPE | <i>tetracerus quadricornis</i> | 0                               | 0         | 0        | 0          | 0        | 0        | 0        | 0            | 0        | 0        | 0         | 0        | 0        | 0        | 0        | 0         | 0                                | 0         | 0         | 0          |    |
| 12              | CHHINKARA            | <i>Gazella bennetti</i>        | 2                               | 0         | 0        | 2          | 0        | 1        | 0        | 1            | 2        | 0        | 0         | 0        | 1        | 0        | 0        | 2         | 3                                | 0         | 5         |            |    |
| 13              | BLACK BUCK           | <i>Antelope cervicapra</i>     | 14                              | 14        | 1        | 29         | 0        | 3        | 5        | 0            | 0        | 0        | 0         | 0        | 0        | 1        | 0        | 13        | 17                               | 6         | 36        |            |    |
| 14              | BLACK BUCK (ALBINO)  | <i>Antelope cervicapra</i>     | 2                               | 1         | 2        | 5          | 0        | 0        | 0        | 0            | 0        | 0        | 0         | 0        | 0        | 0        | 0        | 2         | 1                                | 2         | 5         |            |    |
|                 |                      | <b>Total</b>                   | <b>32</b>                       | <b>45</b> | <b>5</b> | <b>82</b>  | <b>0</b> | <b>4</b> | <b>8</b> | <b>1</b>     | <b>2</b> | <b>0</b> | <b>0</b>  | <b>2</b> | <b>0</b> | <b>4</b> | <b>0</b> | <b>29</b> | <b>49</b>                        | <b>13</b> | <b>91</b> |            |    |
| <b>REPTILES</b> |                      |                                |                                 |           |          |            |          |          |          |              |          |          |           |          |          |          |          |           |                                  |           |           |            |    |
| 1               | MARSH CROCODILE      | <i>Crocodylus palustris</i>    | 1                               | 0         | 0        | 1          | 0        | 0        | 0        | 0            | 0        | 1        | 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        | 2         | 2                                | 0         | 4         |            |    |
| 3               | COBRA INDIAN         | <i>Naja naja</i>               | 0                               | 0         | 0        | 0          | 0        | 0        | 0        | 1            | 1        | 0        | 0         | 0        | 0        | 0        | 0        | 1         | 1                                | 0         | 2         |            |    |
| 4               | INDIAN ROCK PYTHON   | <i>Python molurus</i>          | 0                               | 0         | 0        | 0          | 0        | 0        | 0        | 2            | 2        | 0        | 0         | 0        | 0        | 0        | 0        | 2         | 2                                | 0         | 4         |            |    |
|                 |                      | <b>Total</b>                   | <b>3</b>                        | <b>2</b>  | <b>0</b> | <b>5</b>   | <b>0</b> | <b>0</b> | <b>0</b> | <b>3</b>     | <b>3</b> | <b>1</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        | 0        | 0        | 2         | 3                                | 0         | 5         |            |    |
| 2               | RHESSU MACAQUE       | <i>Macaca mulatta</i>          | 3                               | 5         | 0        | 8          | 0        | 0        | 0        | 1            | 0        | 0        | 0         | 0        | 0        | 0        | 0        | 4         | 5                                | 0         | 9         |            |    |
| 3               | BONNET MACAQUE       | <i>Macaca radiata</i>          | 2                               | 1         | 0        | 3          | 0        | 0        | 0        | 0            | 0        | 0        | 0         | 0        | 0        | 0        | 0        | 2         | 1                                | 0         | 3         |            |    |
|                 |                      | <b>Total</b>                   | <b>7</b>                        | <b>9</b>  | <b>0</b> | <b>16</b>  | <b>0</b> | <b>0</b> | <b>0</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>8</b>  | <b>9</b>                         | <b>0</b>  | <b>17</b> |            |    |
| <b>BIRDS</b>    |                      |                                |                                 |           |          |            |          |          |          |              |          |          |           |          |          |          |          |           |                                  |           |           |            |    |
| 1               | KALIJ PHEASANT       | <i>Lophura leucomelanos</i>    | 1                               | 2         | 0        | 3          | 0        | 0        | 0        | 0            | 0        | 0        | 0         | 0        | 0        | 1        | 0        | 1         | 1                                | 0         | 2         |            |    |
|                 |                      | <b>Total</b>                   | <b>1</b>                        | <b>2</b>  | <b>0</b> | <b>3</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>1</b> | <b>0</b> | <b>1</b> | <b>1</b>  | <b>0</b>                         | <b>2</b>  |           |            |    |
|                 |                      | <b>TOTAL ANIMALS</b>           | <b>43</b>                       | <b>58</b> | <b>5</b> | <b>106</b> | <b>0</b> | <b>4</b> | <b>8</b> | <b>5</b>     | <b>5</b> | <b>1</b> | <b>0</b>  | <b>2</b> | <b>0</b> | <b>4</b> | <b>1</b> | <b>0</b>  | <b>44</b>                        | <b>64</b> | <b>14</b> | <b>122</b> |    |

## Other than Endangered Species

| Sr. No.                | Animal Name      | Scientific Name                   | Opening Stock<br>As on 1-4-2017 |           |          |           | Births   |          |          | Acquisitions |          |          | Disposals |          |          | Deaths   |          |          | Closing Stock<br>As on 31-3-2018 |          |           |           |           |           |
|------------------------|------------------|-----------------------------------|---------------------------------|-----------|----------|-----------|----------|----------|----------|--------------|----------|----------|-----------|----------|----------|----------|----------|----------|----------------------------------|----------|-----------|-----------|-----------|-----------|
|                        |                  |                                   | M                               | F         | U        | T         | M        | F        | U        | M            | F        | U        | M         | F        | U        | M        | F        | U        | M                                | F        | U         | T         |           |           |
| <b><u>MAMMALS</u></b>  |                  |                                   |                                 |           |          |           |          |          |          |              |          |          |           |          |          |          |          |          |                                  |          |           |           |           |           |
| 1                      | Spotted Deer     | <i>Axis axis</i>                  | 7                               | 6         | 0        | 13        | 1        | 0        | 1        | 0            | 0        | 0        | 0         | 0        | 0        | 0        | 0        | 2        | 0                                | 0        | 6         | 6         | 1         | 13        |
| 2                      | Sambar           | <i>Cervis unicolor</i>            | 9                               | 6         | 0        | 15        | 0        | 2        | 0        | 0            | 0        | 0        | 0         | 0        | 0        | 0        | 0        | 1        | 0                                | 0        | 9         | 7         | 0         | 16        |
| 3                      | Hog Deer         | <i>Axis porcinus</i>              | 9                               | 5         | 0        | 14        | 1        | 1        | 2        | 0            | 0        | 0        | 0         | 0        | 0        | 0        | 0        | 1        | 0                                | 0        | 9         | 6         | 2         | 17        |
| 4                      | Stripped hyena   | <i>hyaena hyaena</i>              | 2                               | 2         | 0        | 4         | 0        | 0        | 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        | 0                                | 0        | 1         | 1         | 0         | 2         |
| 6                      | Indian Porcupine | <i>hystrix indica</i>             | 0                               | 0         | 2        | 2         | 0        | 0        | 2        | 0            | 0        | 0        | 0         | 0        | 0        | 0        | 0        | 0        | 0                                | 0        | 1         | 1         | 2         | 4         |
| <b>Total</b>           |                  |                                   | <b>28</b>                       | <b>20</b> | <b>2</b> | <b>50</b> | <b>2</b> | <b>3</b> | <b>5</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>0</b>                         | <b>0</b> | <b>28</b> | <b>23</b> | <b>5</b>  | <b>56</b> |
| <b><u>REPTILES</u></b> |                  |                                   |                                 |           |          |           |          |          |          |              |          |          |           |          |          |          |          |          |                                  |          |           |           |           |           |
| 1                      | Star Tortoise    | <i>Geochelone elegans</i>         | 2                               | 3         | 5        | 10        | 0        | 0        | 0        | 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        | 0         | 0         | 2         | 2         |
| 3                      | Snake keelback   | <i>Xenochrophis piscator</i>      | 0                               | 0         | 0        | 0         | 0        | 0        | 0        | 2            | 2        | 0        | 0         | 0        | 0        | 0        | 0        | 0        | 0                                | 0        | 2         | 2         | 0         | 4         |
| <b>Total</b>           |                  |                                   | <b>2</b>                        | <b>3</b>  | <b>7</b> | <b>12</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>2</b>     | <b>2</b> | <b>0</b> | <b>0</b>  | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b>                         | <b>0</b> | <b>4</b>  | <b>5</b>  | <b>7</b>  | <b>16</b> |
| <b>TOTAL ANIMALS</b>   |                  |                                   | <b>30</b>                       | <b>23</b> | <b>9</b> | <b>62</b> |          | <b>3</b> | <b>5</b> | <b>2</b>     | <b>2</b> | <b>0</b> | <b>0</b>  | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>4</b> | <b>0</b>                         | <b>0</b> | <b>32</b> | <b>28</b> | <b>12</b> | <b>72</b> |



| Sr. No.      | Animal Name           | Scientific Name                    | Opening Stock As on 1-4-2017 |           |           |           | Births   |          |           | Acquisitions |           |          | Disposals |          |          | Deaths   |          |          | Closing Stock As on 31-3-2018 |           |           |            |    |    |
|--------------|-----------------------|------------------------------------|------------------------------|-----------|-----------|-----------|----------|----------|-----------|--------------|-----------|----------|-----------|----------|----------|----------|----------|----------|-------------------------------|-----------|-----------|------------|----|----|
|              |                       |                                    | 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 onnocratulus</i>      | 2                            | 6         | 0         | 8         | 0        | 0        | 0         | 2            | 2         | 0        | 0         | 0        | 0        | 0        | 0        | 0        | 0                             | 0         | 4         | 8          | 0  | 12 |
| 2            | Golden Pheasant       | <i>Chrysolophus pictus</i>         | 1                            | 1         | 0         | 2         | 0        | 0        | 0         | 0            | 0         | 0        | 0         | 0        | 0        | 0        | 0        | 0        | 0                             | 0         | 1         | 1          | 0  | 2  |
| 3            | Silver Pheasant       | <i>Lophura nycthemera</i>          | 3                            | 3         | 0         | 6         | 0        | 0        | 0         | 0            | 0         | 0        | 0         | 0        | 0        | 0        | 1        | 0        | 0                             | 0         | 2         | 3          | 0  | 5  |
| 4            | Ring neck Pheasant    | <i>Phasianus colchicus</i>         | 2                            | 2         | 0         | 4         | 0        | 0        | 0         | 0            | 0         | 0        | 0         | 0        | 0        | 0        | 0        | 0        | 0                             | 0         | 2         | 2          | 0  | 4  |
| 5            | Lady Amherst Pheasant | <i>Chrysolophus amherstiae</i>     | 1                            | 1         | 0         | 2         | 0        | 0        | 0         | 1            | 1         | 0        | 0         | 0        | 0        | 0        | 0        | 0        | 0                             | 0         | 2         | 2          | 0  | 4  |
| 6            | 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  |
| 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>       | 0                            | 0         | 16        | 16        | 0        | 0        | 0         | 15           | 15        | 0        | 0         | 0        | 0        | 0        | 0        | 0        | 0                             | 0         | 15        | 15         | 16 | 46 |
| 10           | Budgriger             | <i>Melopsittacus undulatus</i>     | 0                            | 0         | 33        | 33        | 0        | 0        | 12        | 0            | 0         | 6        | 0         | 0        | 0        | 0        | 0        | 0        | 0                             | 0         | 0         | 0          | 51 | 51 |
| 11           | Indian Horned owl     | <i>Bubo bengalensis</i>            | 1                            | 1         | 0         | 2         | 0        | 0        | 0         | 0            | 0         | 0        | 1         | 0        | 0        | 0        | 0        | 0        | 0                             | 0         | 0         | 1          | 0  | 1  |
| 12           | Osrich                | <i>Struthio camalus</i>            | 0                            | 0         | 0         | 0         | 0        | 0        | 0         | 2            | 2         | 0        | 0         | 0        | 0        | 2        | 1        | 0        | 0                             | 0         | 0         | 1          | 0  | 1  |
| 13           | Red jungle fowl       | <i>Gallus gallus</i>               | 0                            | 0         | 0         | 0         | 0        | 0        | 0         | 2            | 2         | 0        | 0         | 0        | 0        | 0        | 0        | 0        | 0                             | 0         | 2         | 2          | 0  | 4  |
| 14           | Parakeet Alexandrine  | <i>Psittacula eupatria</i>         | 0                            | 0         | 0         | 0         | 0        | 0        | 0         | 4            | 4         | 0        | 0         | 0        | 0        | 0        | 0        | 0        | 0                             | 0         | 4         | 4          | 0  | 8  |
| 15           | Parakeet Rose ring    | <i>Psittacula krameri</i>          | 0                            | 0         | 0         | 0         | 0        | 0        | 0         | 4            | 4         | 0        | 0         | 0        | 0        | 0        | 0        | 0        | 0                             | 0         | 4         | 4          | 0  | 8  |
| 16           | Ibis White            | <i>Threskiornis melanocephalus</i> | 0                            | 0         | 0         | 0         | 0        | 0        | 0         | 4            | 4         | 0        | 0         | 0        | 0        | 0        | 0        | 0        | 0                             | 0         | 4         | 4          | 0  | 8  |
| 17           | Heron night           | <i>Nycticorax nycticorax</i>       | 0                            | 0         | 0         | 0         | 0        | 0        | 0         | 5            | 5         | 0        | 0         | 0        | 0        | 0        | 0        | 0        | 0                             | 0         | 5         | 5          | 0  | 10 |
| 18           | Cormorant Little      | <i>Microcarbo niger</i>            | 0                            | 0         | 0         | 0         | 0        | 0        | 0         | 3            | 3         | 0        | 0         | 0        | 0        | 0        | 0        | 0        | 0                             | 0         | 3         | 3          | 0  | 6  |
|              |                       | <b>TOTAL ANIMALS</b>               | <b>14</b>                    | <b>20</b> | <b>50</b> | <b>84</b> | <b>0</b> | <b>0</b> | <b>12</b> | <b>42</b>    | <b>42</b> | <b>6</b> | <b>1</b>  | <b>0</b> | <b>0</b> | <b>3</b> | <b>1</b> | <b>0</b> | <b>52</b>                     | <b>61</b> | <b>68</b> | <b>181</b> |    |    |



## Mortality of animals

| SR. NO. | Species         | SCIENTIFIC NAME             | SEX    | DATE OF DEATH | CAUSE OF DEATH                                     |
|---------|-----------------|-----------------------------|--------|---------------|--|
| 1       | Spotted Deer    | <i>Axis axis</i>            | Male   | 16/04/2017    | Natural death due to old age                       |
| 2       | Blackbuck       | <i>Antelope cervicapra</i>  | Male   | 12/05/2017    | Natural death due to old age.                      |
| 3       | Spotted Deer    | <i>Axis axis</i>            | Male   | 23/05/2017    | might be died due to snake bite                    |
| 4       | Sambar          | <i>Cervis unicolor</i>      | Male   | 27/06/2017    | Chronic Suppurative Pneumonia                      |
| 5       | Hog Deer        | <i>Axis porcinus</i>        | Male   | 03/07/2017    | Died due to in fight                               |
| 6       | Chhinkara       | <i>Gazella bennetti</i>     | Male   | 10/07/2017    | Broncho pneumonia with old age complication        |
| 7       | Tiger Bengal    | <i>Panthera tigris</i>      | Male   | 15/08/2017    | Died due to Cancerous growth in left side hind leg |
| 8       | Jackal          | <i>Canis aureus</i>         | Male   | 26/11/2017    | Natural death due to old age                       |
| 9       | Silver Pheasant | <i>Silver Pheasant</i>      | Female | 05/04/2017    | Death due to the Shock                             |
| 10      | Kalij Pheasant  | <i>Lophura leucomelanos</i> | Female | 07/06/2017    | Death due to the Shock.                            |
| 11      | Ostrich         | <i>Struthio camelus</i>     | Male   | 05/02/2018    | Respiratory failure                                |
| 12      | Ostrich         | <i>Struthio camelus</i>     | Male   | 07/02/2018    | Respiratory failure                                |
| 13      | Ostrich         | <i>Struthio camelus</i>     | Male   | 07/02/2018    | Respiratory failure                                |

# 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.

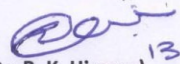
| S. no.   | Norm no. | Condition stipulated  | Remarks                                      |
|--|----------|---|--|
| <b>1. General requirement</b>                                      |          |   |  |
| 1.   | 1(2)     | The Zoo should not plant any ornamental plant species inside the animal exhibits. 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.<br>✓ Common Langur exhibit: the variety of hedge provided as stand-off barrier is of ornamental  | ✓ Condition Complied<br>✓ 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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## 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 shelduck         | 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 wigeon           | 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 |





# RAJKOT ZOOLOGICAL PARK



Behind Old Marketing Yard, Bhichari Road,  
Rajkot Junagadh Highway, Rajkot – 360005  
Email: [rajkotzoo@yahoo.com](mailto:rajkotzoo@yahoo.com)