



सत्यमेव जयते



राष्ट्रीय. प्राणी .उद्यान, नई. दिल्ली

NATIONAL ZOOLOGICAL PARK, NEW DELHI



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CHANGE

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From The Director

Delhi Zoo was initiated by Pt. Jawahar Lal Nehru, the then Prime Minister of India. He had a vision of a Zoological cum Botanical Park for the capital in the backdrop of historic Purana Quila. A committee of prominent nature lovers of Delhi including Smt. Indira Gandhi was constituted to formulate a proposal for establishment of Delhi Zoo. This committee on 9th September 1953 approved the site located between Purana Quila and Humayun's tomb. The committee also prepared an outline of the Project.

Shri N.D Bachkheti, an eminent Forest Officer from Uttar Pradesh was appointed as Superintendent on 1st October 1955 to establish the zoo. Major Weinmen, Director of Ceylon Zoological Garden Colombo was invited to help draw a plan for development of the Delhi Zoo. He prepared a preliminary plan for the zoo. As he was not available on regular basis Carl Hagenbeck from Hamburg, Germany was entrusted with responsibility to take the development process of Delhi Zoo forward. The National Zoological Park was inaugurated on 1st November 1959 by Sh. Punjab Rao Deshmukh, the then Hon'ble Minister of Agriculture, Government of India.

Today Delhi Zoo owes its existence in the present form to Carl Hagenbeck who designed the zoo on the lines of the modern concept of moated enclosures where visitors can see the animals without any visual obstruction and that there is plenty of space to move around interspersed with woodlands, lawns and gardens and water bodies. This imparts a unique look to the National Zoological Park which is the USP of the park.

The National Zoological Park has played an important role in wildlife conservation over the years. It has not only bred endangered species but also has provided support to other zoos. Breeding history of some of the important animals include Indian Tiger, White Tiger, Brown antlered Deer, Lion Tailed Macaque, Nilgiri Langur, Caped Langur, four horned antelope, Indian Rhinoceros, African Rhinoceros, Chimpanzee, Hamdrayas Baboon, Eland, Wild Ass, Indian Lion, Himalayan Black Bear, Crocodile, Macaques, Pheasants, Emu, Rosy Pelican, Painted stork and Saras Crane.

The refurbishment of animal night houses, buildings, roads, sewerage, water supply and other infrastructure done in past years. Now there is no water logging condition in NZP. The greenery, cleanliness and public amenities are at standard. The park is now become a semi-forest of animal as well as visitors and it is acting as a green lung in the heart of city.

A variety of measures have been taken by the MoEF & CC to improve the infrastructure and service at the National Zoological Park which include increase in annual plan allocation from about Rs. 1.00 crore to Rs. 5.00 crores, landmark decisions to entrust the Civil Construction Unit (CCU) of MoEF & CC with full responsibility to build and maintain the civil and electrical

infrastructure of National Zoological Park, and to provided gate receipts collected as entry fee on back to back basis to National Zoological Park for minor works, maintenance etc. through budgetary support.

A number of significant milestones have been achieved in the recent past. For the first time total number of visitors which arrived at the National Zoological Park has crossed 20,48,338.

This is a clear indication of the growing popularity of the National Zoological Park in the country in general and NCR region in particular. The gate receipts from entry fee has increase from ` 2,37,30,800/- in the year 2010-11 to ` 7,84,70,020/- in the year 2016-17.

The management of the Zoo involves different department such as animal, veterinary, education, security, sanitary, horticulture, maintenance etc. working in close co-ordination on day to day basis with highest level of professionalism and quality while performing specific functions.

The National Zoological Park, New Delhi is the National zoo of the country. It is the only zoo directly under the Ministry of Environment, Forest & Climate Change, Government of India. The Delhi zoo should actually be the role model for other zoos to follow making it truly the Nation's Zoo. Hopefully our future objective will help establish the National Zoological Park a top of the mind facility which every citizen of Delhi should be proud of realizing its vision and mission.

Shri Amitabh Agnihotri has been relieved on dated 28.02.2017 from the post of Director, NZP and Smt. Renu Singh joined as a Director NZP on Dated 01.05.2017.



(Renu Singh)

Director

National Zoological Park

The National Zoological Park, New Delhi is one of the premier zoos of the country. The park was formally inaugurated on 1st November, 1959. It is a popular destination in the NCR discharging its responsibility to help people appreciate, understand nature and wildlife better. The park is now more than fifty six years old and its about time to review the facilities and services provided to general public. The National zoological Park should be a top of the mind educational and recreational facility in the region. It is in this context the vision and mission have been redefined as under:

Mission

- (a) To generate awareness and compassion in the society towards wild life and to garner their support for the national conservation effort.
- (b) To play an effective role in reducing man animal conflicts in urban landscape.
- (c) To play an effective role in species preservation.

Objectives

Objective of the park was to provide a healthy and inexpensive recreation to people of Delhi and its neighboring areas. It was further realized that, conservation education and research on Wild animals can best be imparted through the zoo.

Vision

In twenty years time the visitor experience will be far more rewarding and enriching than it is today. Quality of animal care exhibits, conservation education and sustainable management practices will take the zoo to the next level. The 'National Zoological Park' (NZP) will truly be the nation's Zoo in terms of state of art facilities and management practices. It will be role model in the country for other zoos to seek guidance and inspiration.

NZP shall also endeavor to breed endangered species through organized breeding programs for the purpose of display, exchange and rehabilitation in wild. NZP will be a top of the mind educational and recreational facility in the region.

Future Objectives

- (a) Animal care: Provide excellent quality of animal care and well being.
- (b) Visitor experience and Education: Provide unforgettable visitor experience. Inspire them to support and contribute to the cause of conservation of Wildlife, habitat and water. Provide opportunities for passive recreation.
- (c) Wildlife Preservation: Wildlife preservation by conservation breeding and release of captive bred animals.
- (d) Research: Provide platform of research in wildlife behavior, nutrition, reproduction and preservation, visitor experience and education.

Strategies

Strategies to realize the objectives listed above are as outlines as under:

1. Develop core competency in animal care, conservation education, research and sustainable management practices.
2. Strengthen and upgrade Human Resources.
3. Strengthen and upgrade Organizational structure.
4. Upgrade infrastructure services.
5. Conserve natural resources
6. Develop and maintain infrastructure and services that are outsource able based on the contract.

General Administration

The management of zoo is quite a grind which involves different departments such as animal, veterinary, education, security, sanitary, horticulture, maintenance etc. working in close co-ordination on day to day basis with highest level of professionalism and quality while performing specific function.

The general administration coordinates between the various sections in the park and with other line agencies outside the park. The activities which have been undertaken in FY 2016-17 are as under:

1. Recruitment

This year (FY – 2016 -17) one new recruitment was made as Zoo Ranger and he has joined on 01.03.2016.

The current vacancy position along with sanctioned posts, existing strength and vacancies is as under:

Staff Strength of National Zoological Park as on 31.3.2017

S. No.	Name of post	Sanctioned Post	In Position	Vacant
1.	Director	1	1	--
2.	Jt. Director	1	0	1
3.	Veterinary Officer	1	1	--
4.	Asstt. Veterinary Officer	1	--	1
5.	Administrative Officer	1	--	1
6.	Curator (Education)	1	1	--
7.	Garden Superintendent	1	1	--
8.	Office Superintendent	1	1	--
9.	Accountant	1	--	1
10.	Biological Assistant	1	1	--
11.	Jr. Hindi Translator	1	--	1
12.	Security Supervisor	1	1	--
13.	Education Assistant	2	--	2
14.	Zoo Ranger	2	2	--
15.	Stenographer	1	-	1
16.	UDC	4	3	1
17.	ASK	1	1	--

18.	Jr. Accountant	1	1	--
19.	Laboratory Assistant	1	1	--
20.	Sanitary Inspector	1	--	1
21.	Library Assistant	1	--	1
22.	LDC	6	4	2
23.	TICKET CLERK	2	--	2
24.	Hindi Typist	1	1	--
25.	Black Smith	1	1	--
26.	Carpenter	1	1	--
27.	Veterinary Compounder	1	1	--
28.	Works Supervisor	1	1	--
29.	Sign Board Painter	1	-	1
30.	Staff Car Driver	1	1	--
31.	Van Driver	1	1	--
32.	Head Keeper	2	1	1
33.	Head Watchman	1	--	1
34.	Watchman	14	9	5
35.	Attendant	22	13	9
36.	Tea Maker	1	--	1
37.	Wash Boy	1	--	1
38.	Zoo-Guard	2	2	--
39.	Zoo-Keeper	24	--	24
40.	Ticket Collector	4	--	4
41.	Daftry	1	-	1
42.	Assistant Keeper	48	28	20
43.	Mahout	2	1	1
44.	Peon	3	--	3
45.	Gangman	10	8	2
46.	Mali	21	3	18
47.	Cook-cum-Food Distributor	2	--	2
48.	Peon-cum-Attendant	1	--	1
	Total	200	86	114

2. Retirements

A number of senior staff member have retired who have contributed in the building and management of the National Zoological Park. The Park acknowledges their contribution which has gone a long way to establish the National Zoological Park as it is today and wishes them all good health and a peaceful post-retirement life. The list of employees who were retired in the year 2016 -2017 is as under:

Retirement during FY - 2016-17

S.No.	Name of Employee	Post of Employee	Date of Retirement
1.	Shri Rattan Lal	Assistant Keeper	30.04.2016
2.	Shri Raghubir Singh	Peon	31.10.2016
3.	A.K Bhumik	Joint Director	31.12.2016
4.	Neeraj Kumar	Education Assistant	31.03.2016

3. Modified Assured Career Progression (MACP):

Benefits of financial up gradation in pay were granted to the employees by the Departmental Screening Committee.

4. Walking Test for aspirants of Indian Forest Services:

Every year the walking test for the aspirants of Indian Forest Service is organized at the National Zoological Park. This year the walking test had been conducted successfully in the month of February and March. A total number of 03 candidates participated in the walking test. The details are provided in Table.

Walking test of Indian Forest Service Examination during 2016-17

- Nos. 02 candidates of IFSE - 2015
- Nos. 01 candidates of IFSE - 2015

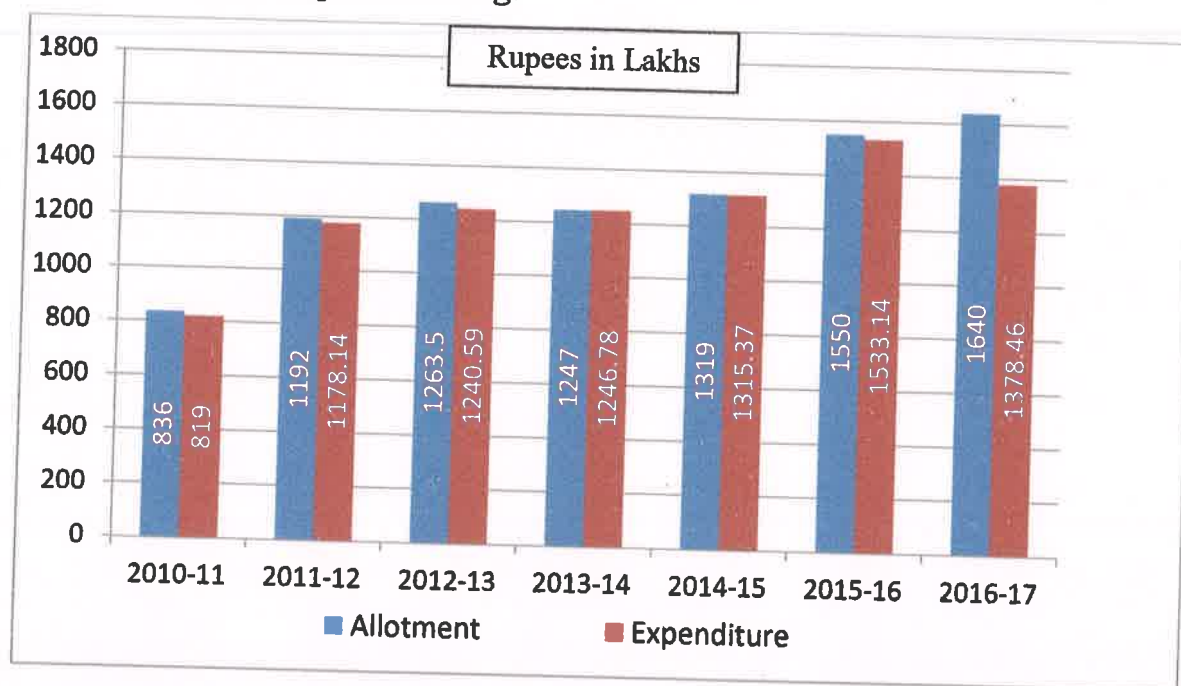
Total Nos. 03 Candidates

Date of Walking Test	No. of Candidates attended
18.04.2016	02
23.08.2016	01

5. Budget allocation and expenditure

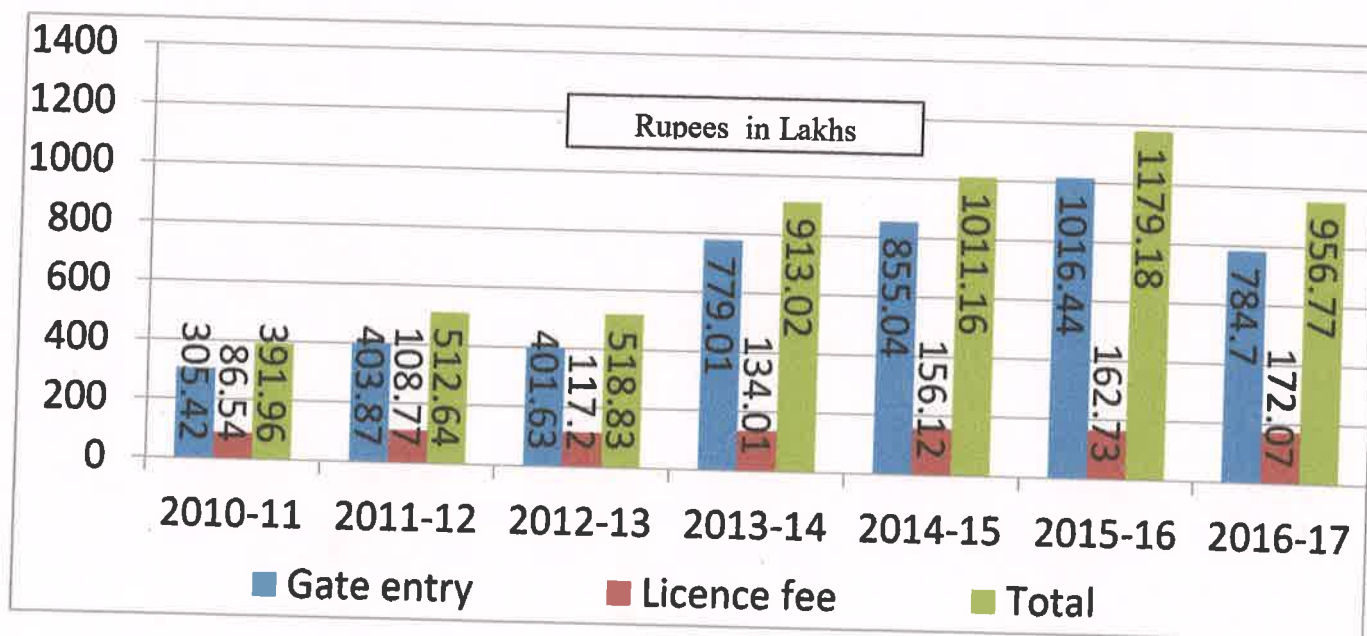
At present the National Zoological Park is supported from the Budget allocated by the Ministry of Environment, Forest & Climate change.

Allotment and Expenditure for the last seven years from FY – 2010-11 to 2016 –2017 are depicted in Fig.



6. Receipts:

The National Zoological Park receipts come from a variety of sources such as entry fee, license fee paid by the contractor of canteen, battery operated trolley etc. Receipts over the last seven years from FY 2010 -11 to 2016-17 are depicted in Fig.

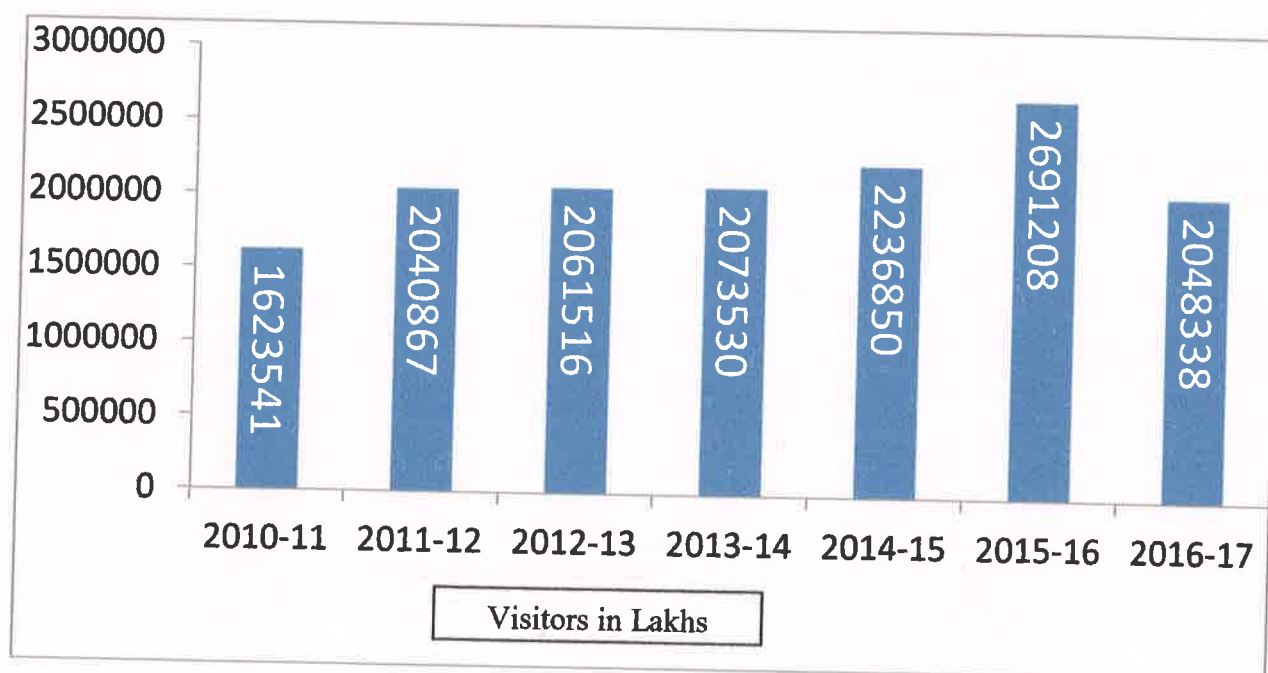


Revenue collections over the last five years indicate that the revenue of National Zoological Park has been rising steadily. The gate entry Receipts from entry fee have increased from Rupees 305.42 lakhs in FY 2010 -11 to 784.704 lakhs in FY 2016 -2017.

7. Visitor Profiling:

National Zoological Park attracts more than 20 lakhs visitors from diversified educational, economic and cultural background. They belong to all age groups. On any working day, 3000 to 4000 numbers are noted. However this number swells to 15 to 20 thousands on weekends.

Sample study of visitors profile in 1987-88 revealed, that visit to zoo was mainly a family affair. 33.82% of the visiting sample group consisted of 3-4 individuals, 42.8% of the sample group was graduate followed by 22.55% under matric, 7.08% post graduate and 1.12% illiterate. Half (50.17%) of visitors were from other states while 39.35% were Delhi ties and 10.15% were from abroad. Visitors spend on average, 2-3 hours in the park. Over a period of time, it is noticed that proportions of number of young couples have increased. Also, there is no place available in parking and food court in weekends. Visitors profile is depicted in the Fig.



8. Procurement of Goods and Services

For efficient and smooth functioning of the zoo a range of goods and services have been procured during FY 2016 -2017

1. Procurement of diet articles for the animals and birds.
2. Procurement of medicines in Veterinary Hospital.
3. Engagement of Private Security Guards.
4. Cleaning of roads and removal of garbage.
5. Cleaning of toilet and urinal sheds.
6. Engagement of unskilled labour in Animal/Garden Section.
7. License for running of four wheeler battery operated trolley.
8. License for running of Kiosk outside main gate.
9. Souvenir shop.
10. ATM
11. Cloak Room.



Animal Care

Animal section is responsible for look after of animals and their houses so that they get a naturalistic environment in the Park. The staff of this section strives hard to maintain hygienic conditions of enclosures and food.



1. Status of Animals:

National Zoological Park, New Delhi exhibits following number of species and Specimens:

Summary of stock of animals FY – 2016-17

S.No.	Animals	No. of Species	No. of Specimen
1.	Mammals	41	715
2.	Birds	45	429
3.	Reptiles	13	58
Total		99	1202

2. Annual Inventory Report:

Based on new guidelines of Central Zoo Authority to lay more emphasis on native species the Annual Inventory Report of National Zoological Park has been revised which is provided as *Annexure – I*

3. Surplus Animals: Every effort is being made to control the population of zoo animals.

4. Animal Deaths:

Every effort is being made to control the untimely death of animals. Strict vaccination, de-worming and others protocols are maintained to prevent spread of diseases.

5. Animal Exchange program:

Shri Riaz Ahamad Khan Curator & In-charge of animal section along with the veterinary officer went to Gopalpur zoo to bring two male Himalayan black bears. The animals were safely transported to National Zoological Park. Also two number of Chinkara were brought from Chattbir zoo in exchange of Brow antler deer.

Name of the Zoo	Animal Received	Animal Given
a) Gopalpur Zoo	Himalayan Black Bear (1:1)	Gift from Gopalpur Zoo
b) Chattbir Zoo	Chinkara (1:1)	Brow antler Deer (1:2)



6. Training Programme :

In this FY Head Keeper, Sh. Rajbir Singh and Assistant Keeper, Sh. Vinod Kumar attended seven days training programme on "Record Keeping and Marking of Animals in Captivity" held from 27th February, 2017 to 5th March, at Kanpur Zoo.

This training was organized by the Central Zoo Authority.



Research

National Zoological Park is the ideal place for scientific research in the field of animal and applied sciences and due to this every year research scholars come to do various research in field maintaining stud books and animals history cards, study of nutrition, chemical analysis, pathology and parasitology of endangered animals.



The section continued to help researchers wanting to carry out research on zoo inmates at National Zoological Park. Daily reports, animal history sheets are maintained and updated. Data on animals was collected on daily basis and updated in animal history sheets by using ARKS software. On the basis of the National Zoological Park became a member institution of ZIMS—the *Zoological Information Management System*.

All quarterly inventory reports and consolidated annual inventory reports were compiled and submitted to the Central Zoo authority.

Following research projects/studies were undertaken in National Zoological Park during 2016-2017 are provided as *Annexure – II*.



Veterinary Care

Veterinary section is one of the important sections as the responsibility of health care of animals entrusted with them. Their work starts as the animal is procured or birth in the zoo. Veterinary section ensure the following;-

- Ensuring good and hygienic quality of food distributed to the zoo inmates.
- Taking preventive measures against diseases like vaccination, providing Supplements etc.
- Routine checkup of the animal and ascertain cause of any sickness in Ailing animals,
- Breeding of animals which includes care of pregnant individual (if any)
- Hand- Raising of babies/chicks etc as when abandoned or orphaned.
- Conducting post mortem of animal died (if any) and ascertains the cause.



X-Ray of Lion-tailed Macaque

Beside the treatment emphasis is also given for the diagnostic part. Proper screening of the animals helps in proper medication. The time to time prophylactic measures like vaccination and providing mineral supplements prevents outbreak of any diseases. It's always better as says "prevention is better

man cure". The zoo hospital has also a laboratory and one laboratory technician. As lay down schedule, analysis is of fecal urine, blood and drinking water been carry out.

Zoo hospital consists of two inpatient ward, Operation Theater, Medicine room, Food preparation room, laboratory section. The hospital is equipped with all modern facilities of Tranquilization, capture sticks/loops etc. Facilities are further improved by portable squeeze cages, holding cages.

Beside the treatment emphasis is also given for the diagnostic part. Proper screening of the animals helps in proper medication. The time to time prophylactic measures like vaccination and providing mineral supplements prevents outbreak of any diseases. It's always better as says "prevention is better than cure". The zoo hospital has also a laboratory and one laboratory technician. As lay down schedule, analysis is of fecal urine, blood and drinking water been carry out.

Events During this FY

- a) Two baby birth in Lion tailed Macaque.
- b) Hoolock gibbon gave a birth.
- c) The Rabies outbreak in the Spotted Deer. Many of the spotted deer died due to Rabies.



Inspection of the Spotted Deer enclosure by the Health committee



Treatment of Spotted Deer

Although Rabies spread through vertical transmission only, Hypothesis of horizontal Transmission cannot be ruled out in looking the transmission of Rabies in the Spotted Deer at the National Zoological Park, 2016-17. As

recommended post exposure vaccination of all the spotted deer were done. The mortality of the spotted deer were able to controlled.

On 18.10.2016, National Zoological Park was closed due to the Avian Influenza H5N8.

In the zoo, sero- surveillance of the birds against H5N8 conducted. Strict bio security measures as per the Government of India guidelines for the prevention of Avian Influenza were taken which include spray of:-

- a) Spray of *Vircon S around the animal enclosure, pelican ponds etc.
- b) There is pad of lime coat and potassium permanganate at each entry gates.
- c) Routine checkup of zoo attendants by a Medical Team and they were given prophylactic dose of *oseltamivir.
- d) Screening of any dead birds at the Zoo and sero surveillance of H5N8.
- e) For overseeing outbreak of Avian Influenza a Monitoring committee constituted by the Ministry of Environment, Forests and climate change.



Sero surveillance against Avian Flu at National Zoological Park

On 10.1.17 it was declared that NCT of Delhi is free from H5N8 strain of Avian Influenza and after that Zoo is reopened on 11.2.2017

Conservation Education

Zoos are living Educational Institutes and impart Informal education and inspire empathy for wild life, understanding and awareness about need of conservation of natural resources besides maintaining ecological balance. Now Zoos become the place of instinct development for wildlife and environment. Education section of this park helps to make visitor's visit a meaningful and rewarding. This section is responsible for the planning and execution of educational programs, production of zoo publications like guide book, guide map, brochure leaf lets etc and all informal education related work.

Events

In FY 2016-17 various events were organized to generate awareness among the students, visitors and local people about the wildlife, conservation and the protection of the environment. The details are as under:

1. Van Mahotsav: -

Van Mahotsav was celebrated to lay emphasis on the need to increase



the green cover in the country. Planting of saplings was carried out in the zoo premises to commemorate the occasion. Every employee of NZP planted a plant on this occasion.

3. Clean India Campaign (Swach Bharat Abhiyan) : -

Swach Bharat drive was successfully carried in National Zoological Park from 12.06.2016 to 16.06.2016 and In this drive Education Section did following activities with the help of volunteers, staff and visitors:-

(1) Public awareness campaigns have been organised among the zoo visitors about the importance of personal hygiene and the ill effects of littering in the zoo.

(2) Visitors to the zoo have been particularly sensitized by taking out rallies, film shows, talks etc. about the “good behaviour” in the zoo such as to desist from littering, teasing the animals in the zoo.

(3) College and school student volunteers have also participated enthusiastically in the cleanliness campaign in the National Zoological Park.



(4) Zoo staff has been sensitized about the importance of personal hygiene and cleanliness.





4. Wildlife Week:

It was celebrated from 2nd of October to 8th October. This week highlights the importance of wildlife and ecological balance. It also provides an opportunity to reflect upon the importance of healthy wildlife populations and habitat for our social and economic well-being. To mark the occasion a variety of competitions were organized among school and university students and also visitors took participation in it. National Zoological Park hosted a number of activities throughout the week which include, Zoo Walk, On the spot painting competition, Clay modeling (for Visually Challenged students), Keepers Talk, Expert Talk, Poster Presentation, Amateur Photography and Quiz Contest.



Zoo Walk



On The Spot Painting Competition



Wildlife Quiz (Open Contest)



Debate Competition



Expert Talk



Clay Modelling Competition (For PH Challenged)



Poster Making Competition



Amateur Photography Competition

5. **Nukkad Natak** Performance on wildlife and Environmental Issues was performed by artists at NZP on 15 October, 2016. This was organized with the collaboration of National Museum of Natural History, New Delhi. They gave message for the conservation of environment and wildlife by great and interesting drama.



6. **World Wildlife Day:** This day was celebrated on 3rd March, 2017 at National Zoological Park. This was organized by Collaboration of Ministry of Environment, Forests and Climate Change, Wildlife Crime Control Bureau, National Museum of Natural History, UNDP, Traffic India, WPSI, Sulabh and National Zoological Park, New Delhi. Various Competitions were organized for the school students and physically challenged students.



Students participating in Different Programs



Clay Modelling Competition



Painting Competition



Poster Competition



Zoo Visit by participants



Burning of Seized Animal Items



Hon'ble Minister Interacting with students

Visits:

As the NZP is home for a number of species of plants and animals, round the year the zoo was visited by a variety of visitors, researchers, professionals, specialists, students, etc. for various purposes such as exposure visits, training, and short term courses, research works and other educational tasks. Students and professionals from different schools, colleges, institutes, and universities came to NZP for various purposes. During FY 2016-17 students/trainees from a variety of institutions visited NZP, the details are enclosed as Annexure -III



SANITARY & SANITATION

Sanitary section worked very hard to keep clean the premises of the Zoo. Cleanliness is an action which keep our body mind, home, and workplace clean and pure. It make us healthy in psycho , physical, social , and intellectual manner. It is always tried to make pollution free environment and atmosphere. So that animals and visitors of the zoo can feel happiness.



Under the Clean India Drive new contractors are appointed for better cleanliness. So that Zoo could be cleaned before the arrivals of visitors. Cleanliness is the most sanctified work, it should be practiced by each and every person with responsibility to raise their living standard. We should focus on the personal hygiene, pet animals, environment, workplace, and our surrounding.



In last years following work were done successfully :

1. Pond, canal, mot, were cleaned and lime poured down in the routine manner.
2. Pond of hippo were washed by lime two times in a week.



3. To control the infectious diseases Neem oil were mixed in the stagnated water during the rainy season in the enclosure of animals.

4. On the advice of veterinary officer to prevent the possibility of anthrax formalin solution, selviside , totasev, potassium permanganate , lime , bleaching powder and other anti infection medicine were sprayed in full premises .

5. To control the bird flu infection lime strips were made around the enclosures of animals and walkway of Zoo.
6. To save the egg of birds and hens trap cages of mouse were placed.
7. To save from the blowfly, fly wit and fly trap were placed



in front of enclosures.

8. For the convenience of visitors total nine new model toilets were constructed and to ensure their cleanliness submersible pump were installed In every toilet.

9. We have 10 water points in Zoo and they have 30 water cooler with water filters.

10. Every road and footpath are make cleaned before the arrival of visitors. Stairs of main gate and all the dustbins are washed every Friday.

11. To stops the reproduction of mosquitoes, vectorcide were sprayed every week. Gambusia fish were infuse in the pond.
12. Fogging was done in administrative premises.
13. Dead animals and relics were burn in the incinerator plant.



GARDEN & WOODLAND

1. To make the lawn green new cynodon grass and shrub plants were planted in lawn which is outside the main gate.
2. Different species of shrub and flower plant were planted near visitors entrance gate. In empty place between the cement bricks cynodon grass were planted which always remain green.
3. Flowers according to the seasons were planted in the National Zoological Park. Most of the flowers bloom in the month of February, March , June, July and August. Visitors do photography with these flowers.
4. Van mahotsav was celebrated near the enclosure of bear at beat no- 4. In that empty area different species of shrub and trees were planted by digging big pit.
5. In the bio gas plant area the compost manure is being manufactured through dry leaves, garden grass and waste like leftover food and fecal material etc. available in the zoo. This manufactured composed manure is use in the zoo for plantation.
6. Vermicompost has been prepared by using compost pit in the nursery area. Pit has been made by using dry grass, leaves, and waste of animals fecal material which is used in nursery for preparing plants.
7. Plants of different species were planted in Beat no 19, 20 near birds house. It provide forest like atmosphere to the birds. To hide the animals enclosure bamboo and plants were planted under the railings hedge plants were planted.
8. In summer to avoid drying plants from sunlight water spray done with the help of water tanker. Water pouring are done on the grass of lawn.
9. Plants of different species are prepared in nursery and planted in the different area of Zoo i.e. shrub, hedge, plants, trees, bamboos etc.



Security

This section is responsible for providing security to animals, visitors and staff of National Zoological Park. The security section is also responsible for keeping the Zoo safe from the unwanted elements and the unauthorised intruders. This section ensures that the visitors do not bring in anything which may be dangerous to the health of animals. Security section remains alert and takes action in case of pickpockets, theft, trespass, animal escape and stray dogs. This section has the following duties and responsibilities:

In order to strengthen security, following actions have been initiated for the safety of visitors and zoo animals in FY 2016-2017.



1. To patrol zoo area day and night.
2. To protect govt. Property, animals and visitors.
3. To maintain law and order at entrance area.
4. To assist public in lost and found cases.
5. To interact with local police whenever needed.
6. To control vandalism, pick pocketing and teasing of animals.
7. To frisk visitors at entry point to stop entry of undesirable viz, food articles and polythene etc.

In order to strengthen security following action has been initiated for the safety of visitors and zoo animals:-

1. Providing wheel chair facility to handicapped persons.
2. Strengthen of outer boundary wall and covered by concertina wire.
3. Installed four new DFMD for better security of visitors.
4. Expansion of C.C.T.V and fixed new camera in Director Office.
5. Renew wireless system and repeater system installed and made a centralised for better communication.
6. Renew First Aid facility stated in security section.

Maintenance and Repair

During the period Maintenance section had addressed more than 1200 complaints of different nature and from the different section of the park.

The Maintenance section repaired the meshes/fences of animal enclosures to check the animal escape throughout the year.

The Maintenance section regularly repairs all wooden doors, panels etc. Renovation of sinages was also done.



The Zoo ensures regular cleaning of moat and Maintenance section helps in pumped out of water from the Moats/ponds whenever required.



Animal Feed

NZP runs an elaborate kitchen for inmates of the zoo. Commissary section procures fresh and hygienic food for animals. Food received is weighed before it is stored or taken into kitchen. Food is also cooked as per the requirements of animals. This section also procures maintenance material for the animal houses, enclosures and buildings. Duties and responsibilities of this section are as under:

- a) Procurement of diet articles and ration supply from Kendriya Bhandar & Mother Dairy
- b) Daily preparation of ration for all animals and birds with their distribution.
- c) Procurement of winter and summer gear materials, as demanded by animals section.
- d) Procurement of any essential materials required in zoo.
- e) Procurement of sanitation materials.
- f) Recordkeeping of procurement and distribution of material supplied and received.



Procurements were made to meet the feeding requirements of all the inmates of the National Zoological Park. To ensure the quality of feed most of the supplies are obtained from Kendriya Bhandar, Mother Dairy and Delhi Milk Scheme.

In this FY following purchase was done by store section:

1. Purchase new kutty machine with safety gears.
2. Purchase 02 nos. Electronic weighting balance (Digital) for receiving 2 distribution of ration supply from various suppliers.
3. Purchased 40 nos. New G.I rubes for distribution of ration supply in various Beat of animal / birds section.

Visitor Amenities

National Zoological Park continued to endeavor to improve and upgrade visitor amenities apart from creating new ones in order to improve the visitor experiences. Visitor Amenities at a glance are provided as under:

1. Entry :

More than 20 lakhs visitors visited National Zoological Park this year including adults, children, school and college groups, foreigners and villagers etc. Zoo has to cater to all type of visitors, so they may see animals in near natural conditions to the extent possible and enjoy their visit to Zoo. Basic Information for the visitors is as under:

2. Admission Hours:	April, 1 to October, 15	9:00 am to 4:30 pm
	October, 16 to March, 31	9:30 am to 4:00 pm

3. Entrance Fee:	Adult	Rs. 40/-
	Children (Below 5 years)	Free
	Children (Between 5 to 12 years)	Rs. 20/-
	Senior Citizen (< 60 Y, with proof)	Rs. 20/-
	Students (Class I – V)	Free
	Students (Class VI – VIII)	Rs. 10/-
	Students (Class IX & Above)	Rs. 20/-
	Teachers / Staff Members	Rs. 20/-
	Foreign National	Rs. 200/-
	Physically Challenged	Free

4. Filming Charges:	Still Camera	Rs. 50/-
	Video Camera	Rs. 200/-
	Documentary	Rs. 2000/-
	Commercial Video Camera	Rs. 20000/-

5. Facilities Charges: Parking

Rs. 40/- 3/4 wheeler

Rs. 20/- 2 wheeler

Rs. 05/- Bicycle

Rs. 200/- Bus/Truck

6. Battery Operated Trolley Adult

Rs. 61/-

Child (Between 5 to 12 years)

Rs. 31/-

7. Wheel chair for physically challenged

Free of cost

8. Cloak Room:

Rs.1/-per piece

Private Vehicles are not allowed in the National Zoological Park to maintain law & order and ensure safety of pedestrian visitors. Eatables and polythene are not allowed inside the zoo premises to protect animals from unauthorized feeding. Zoo remains open for visitors throughout the week except Friday.

9. Visitor's amenities:

The National Zoological Park received 20 lakh visitors during 2016-2017. A number of visitor's facilities have been provided in the National zoological Park. This is a continuous process and the facilities provided during the year 2016 – 2017 are as under:

1. Canteen (outside)
2. Battery operated trolley
3. Dustbins
4. Parking facilities
5. Souvenir shop
6. Drinking water facilities & washroom facilities for visitors.
7. Signages
8. Cloakroom
9. Resting facilities
10. Guide map
11. ATM facilities
12. Keepers talk



Infrastructure and Services

The development of infrastructure and services at National Zoological Park are undertaken by Civil Construction Unit (CCU) of MoEF & CC. In order to upgrade the infrastructure and services in the National Zoological Park and to rid the zoo of the perpetual water logging, overflow of sewers etc. the short term plan for improvement of civil infrastructure has been prepared outlining the responsibilities to be undertaken by various line agencies. The activities proposed to be undertaken as a part of this plan were as under and also annexed in *Annexure IV*.

Renovation of Elephant outer
Shed at Beat No. 13



Stainless Steel fencing around Pelican
Pond



Renovation of footpath at Beat No. 5

Annual Animal Inventory Report - Annexure I

STATUS OF COLLECTION OF ANIMALS AS ON 31.03.2017

Opening Balance Total	Birth Total	Acquisition Total	Disposal Total	Death Total	Closing Total
1259	268	20	20	325	1202

S. No.	Animal Name	Opening Balance	Birth Male	Birth Female	Birth Unsex	Acquisition Male	Acquisition Female	Acquisition Unsex	Disposal Male	Disposal Female	Disposal Unsex	Death Male	Death Female	Death Unsex	Total
1	Antelope Four Horned (Chowsingha)	4	0	0	0	0	0	0	0	0	0	0	0	0	4
2	Baboon Hamadryas - Sacred	4	0	0	0	0	0	0	0	0	0	0	0	0	4
3	Bear Himalayan Black	4	0	0	0	2	0	0	0	0	0	0	0	0	6
4	Bear Sloth	3	0	0	0	0	0	0	0	0	0	0	0	0	3
5	Black Buck (Krishna Mrig)	168	31	36	18	0	0	0	0	0	0	24	22	0	207
6	Black Buck (Albino)	19	12	4	8	0	0	0	0	0	0	6	7	0	30
7	Budgeriger	36	0	0	0	0	0	0	0	0	0	2	2	4	28
8	Buffalo Cape African	2	0	0	0	0	0	0	0	0	0	1	0	0	1
9	Cassowary	1	0	0	0	0	0	0	0	0	0	0	0	0	1
10	Cat Jungle	4	0	0	0	0	0	0	0	0	0	0	0	0	4
11	Chimpanjee	1	0	0	0	0	0	0	0	0	0	0	0	0	1
12	Civet Common Palm - Cat Toddy	16	4	1	0	0	0	0	0	0	0	5	1	0	15
13	Civet Indian Small	1	0	0	0	0	2	0	0	0	0	0	0	0	3

Serial Number	Animal Name	Opening Balance	Birth Male	Birth Female	Birth Unsex	Acquisition Male	Acquisition Female	Acquisition Unsex	Disposal Male	Disposal Female	Disposal Unsex	Death Male	Death Female	Death Unsex	Total
14	Cobra Indian	9	0	0	2	0	0	0	0	0	0	0	0	0	11
15	Cockatiel	24	0	0	0	0	0	0	0	0	0	0	0	0	24
16	Cockatoo Bare Eyed	4	0	0	0	0	0	0	0	0	0	1	0	0	3
17	Cockatoo Lesser Sulphur Cestered	1	0	0	0	0	0	0	0	0	0	0	0	0	1
18	Conure Sun	1	0	0	0	0	0	0	0	0	0	0	0	0	1
19	Crocodile Long Snouted (Gharial)	2	0	0	0	0	0	0	0	0	0	0	0	0	2
20	Crocodile Marsh (Mugger)	3	0	0	0	0	0	0	0	0	0	0	0	0	3
21	Crocodile Siamensis	2	0	0	0	0	0	0	0	0	0	0	0	0	2
22	Deer Barking (Kakar)	31	10	4	5	2	0	0	2	0	0	9	4	0	37
23	Deer Brow-antlered (Sangai)	49	0	0	10	0	0	0	1	2	0	3	0	0	53
24	Deer Hog	23	7	0	0	0	0	0	0	0	0	4	5	0	21
25	Deer Sambar	69	2	2	10	0	0	0	0	0	0	3	4	0	76
26	Deer Sika	5	0	1	0	0	0	0	0	0	0	0	1	0	5
27	Deer Spotted (Chital)	124	6	14	21	0	0	0	0	0	0	25	48	0	92
28	Deer Swamp (Barasingha)	18	0	1	0	0	0	0	0	0	0	1	1	0	17
29	Elephant African	1	0	0	0	0	0	0	0	0	0	0	0	0	1
30	Elephant Indian	2	0	0	0	0	0	0	0	0	0	0	0	0	2
31	Emu	24	0	0	0	0	0	0	0	0	0	2	0	3	19
32	Finch Zebra	24	1	0	0	0	0	0	0	0	0	9	5	4	7

S. No.	Animal Name	Opening Balance	Birth Male	Birth Female	Birth Unsex	Acquisition Male	Acquisition Female	Acquisition Unsex	Disposal Male	Disposal Female	Disposal Unsex	Death Male	Death Female	Death Unsex	Total
33	Fowl Jungle Red	63	10	2	0	2	3	0	2	3	0	13	12	0	50
34	Fox Common	4	3	1	0	0	0	0	0	0	0	1	0	0	7
35	Gaur (Indian Bison)	5	1	1	0	0	0	0	0	0	0	1	0	0	6
36	Gazelle Indian (Chinkara)	3	1	1	0	1	1	0	0	0	0	2	1	0	4
37	Gibbon Hoolock	2	0	1	0	0	0	0	0	0	0	0	1	0	2
38	Goral	18	0	0	6	1	0	0	1	2	0	0	1	2	19
39	Heron Grey	1	0	0	0	0	0	0	0	0	0	0	0	0	1
40	Hippopotamus	6	1	0	1	0	0	0	0	0	0	1	0	0	7
41	Hornbill Common Grey	3	0	0	0	0	0	0	0	0	0	0	0	0	3
42	Hornbill Great Indian / Great Pied	1	0	0	0	0	0	0	0	0	0	0	0	0	1
43	Hyaena Stripped	1	0	0	0	0	0	0	0	0	0	0	0	0	1
44	Ibis White	17	0	0	0	0	0	0	0	0	0	0	0	1	16
45	Jackal	8	0	0	0	0	0	0	0	0	0	0	0	0	8
46	Jaguar	4	0	0	0	0	0	0	0	0	0	1	0	0	3
47	Kite Brahminy	9	0	0	0	0	0	0	0	0	0	0	1	0	8
48	Kite Pariah/Black Kite	2	0	0	0	0	0	0	0	0	0	0	0	0	2
49	Langur Common	5	0	0	0	1	0	0	3	2	0	0	0	0	1
50	Leopard (Panther)	3	0	0	0	0	0	0	0	0	0	0	2	0	1
51	Lion Indian	5	0	0	0	0	0	0	0	0	0	0	0	0	5

S. No	Animal Name	Opening Balance	Birth Male	Birth Female	Birth Unsex	Acquisition Male	Acquisition Female	Acquisition Unsex	Disposal Male	Disposal Female	Disposal Unsex	Death Male	Death Female	Death Unsex	Total
52	Loris Slow Pygmy	1	0	0	0	0	0	0	0	0	0	0	0	0	1
53	Macaque Bonnet	10	0	0	0	0	0	0	0	0	0	0	0	0	10
54	Macaque Lion-tailed	4	0	0	1	0	0	0	0	0	0	0	0	0	5
55	Macaque Rhesus	3	1	0	0	0	0	0	0	0	0	0	0	0	4
56	Macaw Blue & Yellow	12	0	0	0	0	0	0	0	0	0	0	0	0	12
57	Macaw Illigers	1	0	0	0	0	0	0	0	0	0	0	0	0	1
58	Macaw Military	1	0	0	0	0	0	0	0	0	0	0	0	0	1
59	Monitor Lizard / Common Indian	8	0	0	1	0	0	0	0	0	0	3	5	1	0
60	Monitor Water Lizard	4	0	0	0	0	0	0	0	0	0	0	0	0	4
61	Munia Black Headed	3	0	0	0	0	0	0	0	0	0	1	1	1	0
62	Munia Green	15	0	0	0	0	0	0	0	0	0	0	0	15	0
63	Munia Spotted	37	0	0	0	0	0	0	0	0	0	3	5	4	25
64	Myna Common	1	0	0	0	0	0	0	0	0	0	0	0	0	1
65	Nilgai - Blue Bull	28	0	0	3	0	0	0	0	0	0	1	0	0	30
66	Ostrich	1	0	0	0	0	0	0	0	0	0	0	1	0	0
67	Owl Barn	11	2	0	3	0	0	0	0	0	0	2	0	0	14
68	Owl Brown Fish	4	0	0	0	0	0	0	0	0	0	0	0	0	4
69	Owl Indian Greater Horned	5	0	0	0	0	0	0	0	0	0	0	1	0	4
70	Parakeet (Unidentified)	12	0	0	0	0	0	0	0	0	0	0	0	0	12

Serial No	Animal Name	Opening Balance	Born Male	Born Female	Born Sexes	Acquisition Male	Acquisition Female	Acquisition Unsex	Disposal Male	Disposal Female	Disposal Unsex	Death Male	Death Female	Death Unsex	Total
71	Parakeet Alexandrine	25	2	0	0	0	0	0	0	0	0	2	0	0	25
72	Parakeet Blossom Headed	4	0	0	0	0	0	0	0	0	0	0	0	1	3
73	Parakeet Rose Breasted	2	0	0	0	0	0	0	0	0	0	0	0	0	2
74	Parakeet Rose Ring	39	0	0	0	0	0	0	0	0	0	1	1	2	35
75	Parrots African Grey	2	0	0	0	0	0	0	0	0	0	0	0	0	2
76	Partridge Black	3	0	0	1	0	0	0	0	0	0	0	0	3	1
77	Peafowl	5	0	0	0	0	0	0	0	0	0	0	0	0	5
78	Pelican Rosy / White	5	0	0	0	0	0	0	0	0	0	0	0	0	5
79	Pheasant Chinese Silver	21	1	0	2	0	0	0	0	0	0	2	1	2	19
80	Pheasant Edward	7	0	0	0	0	0	0	0	0	0	1	2	0	4
81	Pheasant Golden	17	0	0	1	0	0	0	0	0	0	0	0	3	15
82	Pheasant Kalij	8	0	0	1	1	2	0	0	2	0	1	0	1	8
83	Pheasant Lady Amherst	2	0	0	0	1	1	0	0	0	0	0	0	0	4
84	Pheasant Ring Necked	2	0	0	0	0	0	0	0	0	0	0	1	0	1
85	Pig Wild - Wild Boar	2	0	0	0	0	0	0	0	0	0	0	0	0	2
86	Porcupine Indian	7	0	1	0	0	0	0	0	0	0	0	1	0	7
87	Python Indian - Rock	6	0	1	1	0	0	0	0	0	0	0	1	0	7
88	Rhea	1	0	0	0	0	0	0	0	0	0	0	0	0	1
89	Rhinoceros Indian One Horned	2	0	0	0	0	0	0	0	0	0	0	0	0	2

Serial Number	Animal Name	Opening Balance	Bir th Male	Bir th Female	Bir th Unsex	Acquisition Male	Acquisition Female	Acquisition Unsex	Disposal Male	Disposal Female	Disposal Unsex	Death Male	Death Female	Death Unsex	Total
90	Sand Boa Common	3	0	0	0	0	0	0	0	0	0	1	1	0	1
91	Shikra	1	0	0	0	0	0	0	0	0	0	0	0	0	1
92	Snake Diadem / Royal	3	0	0	0	0	0	0	0	0	0	1	0	0	2
93	Snake Rat / Dhaman	7	0	0	0	0	0	0	0	0	0	0	0	0	7
94	Snake Water	3	0	0	1	0	0	0	0	0	0	0	0	0	4
95	Spoonbill White	4	0	0	0	0	0	0	0	0	0	0	0	0	4
96	Stork Adjutant	1	0	0	0	0	0	0	0	0	0	0	1	0	0
97	Stork Black Neck	1	0	0	0	0	0	0	0	0	0	0	1	0	0
98	Stork Painted	47	0	0	6	0	0	0	0	0	0	0	0	1	52
99	Swan Black	2	0	0	0	0	0	0	0	0	0	0	0	0	2
100	Tiger Bengal	5	0	0	0	0	0	0	0	0	0	0	0	0	5
101	Tiger Bengal (White)	7	0	0	0	0	0	0	0	0	0	0	0	0	7
102	Tortoise (Unidentified)	11	0	0	0	0	0	0	0	0	0	1	2	0	8
103	Vulture Scavenger Egyptian	1	0	0	0	0	0	0	0	0	0	0	0	0	1
104	Wolf Indian	3	0	0	0	0	0	0	0	0	0	0	0	0	3
GRAND TOTAL		125 9	95	71	10 2	11	9	0	9	11	0	134	143	48	1202

Research/ Project work - Annexure II

S.No.	Name of the Researcher	Designation	Institute Name	Area of Research/Work
1.	Ms. Genie Murao	Student of M.Sc. Biodiversity Conservation	University School of Env. Management, GGS Indraprastha University, Dwarka, New Delhi	Breeding patterns in Pheasants
2.	Ms. Shruti Samanta Md. Asad Khan Mr. Sagar Gahlot Mr. Rishab Malhotra Mr. Gurpreet Singh Ms Simran Kaur Mr. Amit Ms. Harsimran Kaur Ms. Neetilla Aggarwal Ms. Prabhpreet Kaur Mr. Sahil Goel Ms. Harmanpreet Kaur Mr. Mohit Gulia	Students II Year (B.Sc. Zoology)	Department of Zoology S.G.T.B Khalsa College, University of Delhi	Internship
3.	Ms. Praneet Kaur	Students (B.Sc. Zoology)	S.G.T.B Khalsa College University of Delhi	Study On Asiatic Lion in Captivity
4.	Ms. Pratyansha Singh	Research Scholar	University School of Environment Management, GGS Indraprastha University, Dwarka, New Delhi	Behavioral study of Sangai Deer in Captivity.
5.	Mr. Vimarsh Sharma Mr. Rishab Gupta	Student of M.Sc (Wild Life Science)	Amity University, Sector 125, Noida (U.P)	Internship
6.	Mr. Akash Kumar Jaiswal	Student M.Phill / Ph.D	School of Life Science JNU, New Delhi	Case Study
7.	Ms. Dimple Tuleja	Bachelor Of Applied Science	Unite Institute Of Technology, Aukland	Internship

Institute Visits - Annexure III

S.No.	Month of Visit	Visitors	Institute/Organization
1.	April 2016	Forest Range Officer trainees	Tamil Nadu Forest Department
2.	May 2016	Forest Range Officer trainees	Central Academy for State Forest Service , Coimbatore
3.	June 2016	Students Intern.	National Museum of Natural History, New Delhi
4.	July 2016	Veterinary Internship Student.	National Institute of Animal Welfare.
5.	September 2016	Forest Range Officer trainees.	Central Academy for State Forest Service, Burnihat , Assam
6.	September 2016	Students	Ramjas Junior Vanshala Camp, Ballimaran
7.	September 2016	M.Sc. Students	Amity Institute of Wildlife Sciences, Amity University, G.B Nagar (U.P)
8.	October 2016	Forest Range Officer trainees	Tamil Nadu Forest Deptt, Tamilnadu Forest Academy, R.S Puram Coimbatore.
9.	October 2016	Students	National Museum of Natural History, New Delhi
10.	December 2016	PH Challenged Students & Teachers	Tableaux Artists, Rastriya Rangshala Camp 2017
11.	February 2017	Trainee of SFS Officer	Central Academy For State Forest Service, Dehradun.
12.	March 2017	B.Sc. Forestry Student	Kathmandu Forestry College, Kathmandu, Nepal

Annexure IV**List of works awarded/completed in 2016 -2017**

S. no.	Name of Work	Date of Completion
1(a)	R.M.O E&M service in residential & non residential building at National Zoological Park , Mathura road , New Delhi during 2016-2017. SH:- providing electrical maintenance staff & execution of misc. electrical jobs.	09.01.2017
1(b)	R.M.O E&M service in residential & non residential at national Zoological Park Mathura Road New Delhi during 2016-2017 SH:- providing electrical maintenance staff & execution of misc electrical jobs.	work in Progress
2.	Replacement of defective turbine pump set at National Zoological Park New Delhi.	23.03.2017
3.	Providing fountain in the pond near Kiosk (BOT Stand) at NZP, Mathura Road.	18.10.2016
4.	Providing EI & fans i/c service connection in animals houses in NZP, New Delhi (SH:- Beat No. 6, 18, 20)	31.10.2016
5.	Moderation by providing work station seating arrangement and renovation of Director office in NZP, New Delhi8 (SH:- Providing EI, computer power point and Air Conditioning)	Work in Progress
6.	Providing fountain in the pond near Beat no. 15 (Hoolock monkey) at National Zoological Park, Mathura Road, New Delhi.	18.10.2016
7.	Providing fountain in the pond near Beat no. 6 (EMU/Ostrich) at National Zoological Park, Mathura Road, New Delhi.	18.10.2016
8.	Construction of tube well near beat no. 10 in NZP, New Delhi (SH:- SITC) of 5 HP submersible pump set.	23.03.2017
9.	Renovation of B-2 quarter (Type iv) at NZP, New Delhi (Sub heads:- Providing EI & Fans).	31.10.2016

S. No.	Name of Works	Remarks
1.	Renovation of crocodile enclosure in beat no. 16 at NZP, New Delhi.	
2.	Renovation of hippo house and providing gate in house in beat no.16 at NZP.	
3.	Renovation of deer enclosure in beat no. 20 renovation spotted deer enclosure in beat no. 4 and providing approach road to pump house in NZP.	
4.	Repair of footpath in front of beat no. 9 near leopard enclosure and near sloth bear (beat no. 4) enclosure in NZP, New Delhi.	
5.	Construction of pond in Hippo enclosure in NZP, New Delhi.	
6.	Providing and fixing S.S. Fencing along pelican pond in beat no. 5 in NZP, New Delhi.	
7.	Moderation of providing work station, seating arrangement and renovation of Director office in NZP, New Delhi. (Civil Work)	
8.	Construction of tube well near beat no. 10 in NZP, New Delhi.	
9.	Providing and fixing additional crimped netting wire and misc. Works civil works in beat no. 20 in bird cages and swamp deer at NZP, New Delhi.	
10.	Construction of remaining portion crawl at ostrich enclosure in beat no. 6. in NZP, New Delhi.	
11.	Renovation of Elephant enclosure in beat no. 13 & 14 NZP, New Delhi.	
12.	Moderation by providing work station seating arrangement and renovation of Director office in NZP, New Delhi (SH: Modular Furniture)	
13.	Repair of footpath in front of beat no. 9 near leopard enclosure and near sloth bear (beat no. 4) enclosure in NZP, New Delhi.	
14.	Renovation of Rhea enclosure in Beat no. 6 in NZP, New Delhi.	

- (1) Ostrich
(2) Elephant
(3) Camouflage
(4) Reptile House
(5) Giant Indian Snail
(6) Royal Bengal Tiger
(7) Water Birds
(8) Himalayan Black Bear
(9) Himalayan Black Bear
(10) Sloth Bear
(11) Goral
(12) Leopard / Panther
(13) Lesser Cats (Proposed)
(14) Crocodile
(15) Spectacled Cat
(16) White Tiger
(17) Jaguar
(18) Wolf
(19) Ghoral
(20) Royal Bengal Tiger
(21) Wolf in Aulay
(22) Himalayan (Proposed)
(23) Goral
(24) Barking Deer
(25) Chousingha
(26) Wilder Birds
(27) Nocturnal Gibbon
(28) Bonnet Macaque
(29) Asiatic Lion
(30) Tomoe's Soft Shelled
(31) Himalayan Baboon
(32) Indian Elephant
(33) Chinkara Indian Gazelle
(34) Proboscidea
(35) White Buck
(36) Giant Indian Hornbill
(37) Grey Hornbill
(38) Asiatic Lion
(39) Asiatic Elephant
(40) Porcupine (Proposed)
(41) Wild Boar
(42) Cape Buffalo
(43) Crocodile
(44) Hyena
(45) Raptor
(46) Indian Birds
(47) Small Birds & Mammals
(48) Exotic Birds
(49) Swamp Deer (Baka Singh)
(50) Indian Rhinoceros
(51) White - Antelope Deer (Durga Deer)
(52) Spotted Deer (Chital)
(53) Barking Deer (Proposed)
(54) Small Cat/Cheet
(55) Gaur (Indian Bison)
(56) Sambar Deer
(57) Black Buck
(58) Sika Deer
(59) Monkey Island (Proposed)
(60) Hog Deer
(61) Swamp - Tamed Macaque
(62) Chimpazee
(63) Lion - Tamed Macaque
(64) Upper Birds
(65) Central Indian Heron
(66) Black Swan

गाइड मैप Guide Map



राष्ट्रीय प्राणि उद्यान National Zoological Park



Produced by **Education Section**, National Zoological Park, Mathura Road,

New Delhi – 110003

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